

Work Package 1 – Deliverables 1.1, 1.2 and 1.3

Survey Study: Mapping of Organisations and Partners involved in Science and Technology Research Activities in the South Pacific Island region, their Mandates, Science Focal Areas and Research Projects

Prepared by the Faculty of Science Technology and Environment of the University of the South Pacific
Sheikh Izzal Azid
Anjeela Jokhan
Kerry Mara

Definitions

Collaboration: researchers or research organisations with complementary skills, who share resources and responsibilities to jointly plan, implement and evaluate research work to achieve common goals

Cooperation: individuals or organisations who develop an association to facilitate research by providing funds, jointly purchasing equipment, aligning strategies etc.

Research: any applied and basic study involving natural and social sciences that is performed methodically and with scientific rigour to gather and analyse a body of information or data in order to investigate hypotheses or to answer a specific question in order to extract new meaning or develop unique solutions.

Agriculture and food supply includes veterinary and animal sciences; agriculture; food production and food security; agricultural biotechnology and resources of the land and sea

Biology and medicine includes medicine; health, including public health and sanitation; biotechnology; life sciences; healthcare delivery/services; medical biotechnology

Energy includes nuclear fission; nuclear fusion; fossil fuels; renewable sources of energy; energy storage; energy transport; energy saving; biofuels; hydrogen and fuel cells; other energy topics; clean coal technologies

Environment and climate includes meteorology; environmental protection; radiation protection; waste management; radioactive waste; sustainable development; earth sciences; climate change and carbon cycle research; water resource management; biodiversity; disaster management, sanitation

Industry and industrial technology includes industrial manufacturing; materials technology; nanotechnology and nanoscience; industrial biotechnology; mineral and metal mining; sea bed resources

Information and communication technology includes electronics and microelectronics; information processing, information systems; telecommunications; automation; robotics; ICT application; network technologies

Social and economic concerns includes social aspects; education and training; information and media; economic aspects; regional development; employment issues; safety; security; governance; private sector; poverty alleviation; gender equality; culture

Transport and construction includes construction technology; transport; aerospace technology; space and satellite research; other technology not included elsewhere

For more details on type of information covered by the themes please consult the following website:
http://cordis.europa.eu/themes/home_en.html

List of Tables

Table 1:	Total number and number per region, of organisations surveyed and response obtained
Table 2:	List compiling the names of organisations that participated to the survey
Table 3:	Total Number, and Number of Organisations that responded to Part 1 and to Part 2 of Questionnaire N° 1 and 2 per region or area of location of the organisations surveyed
Table 4:	Analysis and percentage response rate to question on the status and type of organization
Table 5:	Percentage Response Rate to Questions on Budget and Number of Students, Employees and Research Teams, and Total Budget per Region for 3 years (2008, 2009 and 2010) and Number of Research Teams (Budget is in Euros)
Table 6	Percentage Response Rate to Question on Donor and Beneficiary Agencies
Table 7	Percentage Response Rate and Analysis on Budget, Number of Contractual Researchers, Students and Employees involved in S&T research, Number of MSc and PhD theses and Peer-to-Peer Scientific Publications per R&D sector for the years 2008, 2009 and 2010.
Table 8	Research and Development Sector in which the Research Teams based in the Pacific ACP and OCT group, in Australia and New Zealand as well as in Regional Organisations undertake S&T Research Activities
Table 9	Number of Research Teams Collaborating with Other Research Organizations and Nature of these Collaborations
Table 10	Total Score per Reason for Cooperation per Region
Table 11	Donor Agencies and Funding Programmes for S&T Research and the Scores per Reasons for Cooperation for the ACP Region
Table 12A	Donor agencies and funding programmes for S&T research and the scores per reasons for cooperation for the OCT region
Table 12B	Donor Agencies and Funding Programmes for S&T Research and the Scores per Reasons for Cooperation for the OCT Region
Table 13	Donor Agencies and Funding Programmes for S&T Research and the Scores per Reasons for Cooperation for the Regional Organisations
Table 14	Donor Agencies and Funding Programmes for S&T Research and the Scores per Reasons for Cooperation for the Respondent Australian and New Zealand Research teams
Table 15	Listed Donor Agencies and Funding Programmes for S&T Research in the Pacific and the Number of Research Teams per Region and Overall that are Supported by these Donors

and Programmes

Table 16	Compilation of Information Provided by Researchers on Familiarity and Experience with FP7 and Percentage Response Rate
Table 17	Research and Development Sector in which the Inventoried Research Projects are or were Undertaken
Table 18	Compilation of Information Provided by Researchers on their Research Projects and Percentage Response Rate for each Question Asked
Table 19	Sources of Donor Funding for Research Projects of and for the Pacific Islands
Table 20	List of Donors and Funding Programmes for S&T Research in the Pacific Island Region and Number of Research Projects per Donor or Programmes
Table 21	Total Number of Collaborations on Research Projects per Region Surveyed
Table 22	List of Collaborators on the Pacific Island Research Projects and Number of Projects in Collaboration per Collaborator
Table 23	Government Ministries Survey Response

List of Figures

- Fig. 1 Links between the different Work Packages of the PACE-Net project
- Fig. 2 Number of questionnaires sent to and received from Pacific ACP research, Academic and Private organisations involved in S&T research
- Fig. 3 Number of questionnaires sent to and received from OCT Research, Academic and Private Organisations involved in S&T research
- Fig. 4 Number of questionnaires sent to and received from Pacific Island Development Agencies (or Regional Organisations) involved in S&T Research
- Fig. 5 Number of questionnaires sent to and received from Australian and New Zealand Research, Academic and Private Organisations involved in S&T Research for the Pacific Island region
- Fig.6 Distribution of types of organisations in the Pacific ACP and OCT group, Australia, and New Zealand as well as regional organisations involved in S&T research for the Pacific Island Region
- Fig. 7 Distribution of types of organisations involved in S&T research for the Pacific Island region by region of location: (A) Pacific ACP, (B) Pacific OCT and (C) Australia and New Zealand
- Fig 8 Distribution of Research and Development sector in which all Respondent Research Teams undertake S&T Research Activities
- Fig. 9 Distribution of Research and Development Sectors in which Respondents' Research Teams, per region of location: (A) Pacific ACP, (B) Pacific OCT, (C) Regional Organisations and (D) Australia and New Zealand, undertake S&T research activities
- Fig. 10 Proportion of Respondent Research Teams Involved in Different Types of Collaboration in the Pacific
- Fig. 11 Proportion of Respondent Research Teams Involved in Different Types of Collaboration, per region of location: (A) Pacific ACP, (B) Pacific OCT, (C) regional organisations and (D) Australia and New Zealand
- Fig. 12 Proportion of Scores Provided by All Respondent Research Teams for the Reasons for Cooperation
- Fig. 13 Proportion of respondent researchers from different regions who claim to know the FP7
- Fig. 14 Proportion of Research Projects Inventoried from the Different Regions Surveyed
- Fig 15 Overall Distribution of Research and Development Sector of the Research Projects
- Fig 16 Distribution of Research and Development Sectors of the Research Projects in Total
- Fig 17 Distribution of Research and Development Sector of the Research Projects per region: (A)

ACP; (B) OCTs; (C) regional organisation and (D) Australia and New Zealand

Fig 18 Overall Distribution of Source of Funding for Research Projects

Fig 19 Distribution of Source of Funding for Research Projects per Region: (A) ACP; (B) OCTs; (C) regional organisation and (D) Australia and New Zealand

Fig. 20 Proportion of Collaborations per Region Surveyed

Fig. 21 Overall Distribution of the Nature of Collaboration for the Research Projects of the Pacific Islands

Fig. 22 Distribution of Number of Collaborations per Region: (A) ACP; (B) OCTs; (C) regional organisation and (D) Australia and New Zealand

Fig 23 Comparison of Research Teams against Research Projects

List of Acronyms and Abbreviations

List of Acronyms and Abbreviations

ACIAR	Australian Centre for International Agricultural Research
ACP	Asian, Caribbean and Pacific Group of States
ADB	Asian Development Bank
AusAID	Australian Agency for International Development
CEDAW	Committee on the Elimination of Discrimination against Women
CIRAD	Coopération Internationale en Recherche Agronomique pour le Développement
CNRS	Centre National de la Recherche Scientifique
CNRT	Centre National de Recherche Technologique
COP	Centre Océanologique du Pacifique
CRIOBE	Centre de Recherches Insulaires et Observatoire de l'Environnement
CRISP	Coral Reef Initiatives for the Pacific
CROP	Council of Regional Organisations in the Pacific
EC	European Commission
EDF	European Development Fund
EU	European Union
FFA	Forum Fisheries Agency
FP 7	Framework Programme for research and technological development
FSM	Federated States of Micronesia
GEF	Global Environment Facility
GOPS	Grand Observatoire de l'environnement et de la biodiversité terrestre et marine du Pacifique Sud
IAC	Institut Agronomique néo-Calédonien
ICCAI	Climate Change Adaptation Initiative
ICPD	The International Conference on Population and Development
ICRI	International Coral Reef Initiative
ICT	Information and Communication Technology
IDRF	International Development Research Fund
IFRECOR	Initiative Française pour les Récifs Coralliens
IFREMER	Institut Français de Recherche pour l'Exploitation de la Mer
ILM	Institut Louis Malardé
ILO	International Labour Organization
IP	Institut Pasteur
IPIN	Institut Pasteur International Network
IPNC	Institut Pasteur de Nouvelle-Calédonie
IRD	Institut de Recherche pour le Développement
JICA	Japan International Cooperation Agency
LDCs	Least Developed Countries
LRD	Land Resources Division
MCC	Millennium Challenge Corporation
MCO	Multi Country Office
MDGs	Millennium Development Goals
MSI	Ministry of Science and Innovation
NARI	National Agricultural Research Institute
NZAID	New Zealand Agency for Development

ODA	Official Development Assistance
OCTs	Overseas countries and territories (OCTs)
ODN	Oceanic Development Network
PACE-Net	Pacific Europe Network for Science and Technology
PCCSP	Pacific Climate Change Science Programme
PGNIMR	Papua New Guinea Institute of Medical Research
PHD	Public Health Division
PICs	Pacific Island Countries
PICTs	Pacific island countries and territories
PIDP	Pacific Islands Development Programme
PIFS	Pacific Islands Forum Secretariat
POLHN	Pacific Open Learning Health Net
RIP	Regional Indicative Programme
S&T	Science and Technology
SIDS	Small Island Developing States
SHOM	Service Hydrographique et Océanographique de la Marine
SOPAC	South Pacific Applied Geoscience Commission
SPBEA	South Pacific Board for Educational Assessment
SPC	Secretariat of the Pacific Community
SPREP	South Pacific Regional Environment Programme
SRD	Social Resources Division
UN	United Nations
UNAIDS	Joint United Nations Programme on HIV/AIDS
UNC	Université de la Nouvelle-Calédonie
UNDP	United Nations Development Programme
UNESCO	United Nations Educational, Scientific and Cultural Organisation
UNFPA	United Nations Population Fund
UNICEF	United Nations Children's Fund
UNIFEM	United Nations Development Fund for Women
UPF	Université de la Polynésie Française
UPNG	University of Papua New Guinea
USAID	United States Agency for International Development
USP	University of the South Pacific
WCPFC	Western and Central Pacific Fisheries Commission
WHO	World Health Organisation
WPRO	Western Pacific Regional Office
WSSD	World Summit on Sustainable Development
ZoNéCo	Zone Economique de Nouvelle-Caledonie

Table of Contents

	Page
Definitions	2
List of Tables	3
List of Figures	5
List of Acronyms and Abbreviations	7
1. Introduction	11
1.1. Presentation of the Study	11
1.2. Methodology Used for the Study	12
1.2.1. Questionnaire N° 1	14
1.2.2. Questionnaire N° 2	15
1.2.3. Questionnaire N° 3	15
2. Analysis and Reporting	17
2.1. Questionnaire N° 1 and 2 - Pacific Organisations Supporting Science and Technology Research in the Pacific Island Region	17
2.1.1. Percentage Response Rates for the Survey	17
A. All Organisations	17
B. ACP-based Organisations	22
C. OCT-based Organisations	23
D. Regional Organisations	24
E. Australia and New Zealand-based Organisations	25
2.1.2. Percentage Response Rates per Part 1 and 2	26
2.1.3. Analysis and Percentage Response Rates per Question	28
2.1.3.1 Part 1 – Information on the Organisation (for administration)	28
A. General Information on your Organisation	28
B. Information on the Representative of your Organisation	32
C. Person to Contact in Case of Further Queries	33
D. Major S&T Research Donors and Beneficiaries	33
E. Statistical Data of Your Organization per Research and Development Sector	33
2.1.3.2 Part 2 -Information on Your Organisation’s Key Researchers and Research Teams (for researchers to answer)	39
A. Preliminary Information on Research Teams and Team Coordinator	39
B. Description of all Your Research Team’s Activities	39
C. Information on Your Team’s Other Key Researchers	47
D. Information on the Funding Partners of Research Partners and Reasons for Cooperation	47
E. Familiarity and Your Experience with FP 7	56
F. Description of Your Major S&T Research Projects, On-going and/or Concluded, Undertaken in the years 2008 to 2010	59
2.2. Ministries in the Pacific islands Supporting Science and Technology Research	95

2.2.1	ACP-based Ministries	95
2.2.2	OCT-based Ministries	96
3.	Conclusion	96
3.1.	Total Analysis	96
3.2.	Lessons Learnt	99
Annex 1:	Asian Caribbean Pacific (ACP) Listing	100
	Overseas Countries Territories (OCT) Listing	164
	Regional Organisation Listing	251
	Australia and New Zealand Listing	269
	Ministerial Listing	290
Annex 2:	PACE-Net Questionnaire on Science and Technology Research, Cooperation and Strategies of Organisations in the Pacific involved in Research	292
Annex 3:	PACE-Net Questionnaire on Science and Technology Research, Cooperation and Strategies of Australian and New Zealand Organisations involved in Research in the Pacific region	301
Annex 4:	PACE-Net Questionnaire on Science and Technology Research, Cooperation and Strategies of Governmental Institutions in the Pacific	311
Annex 5:	Some key preliminary findings from PACE-Net project-conducted studies Progress Report to PACE-Net questionnaire respondents	313
	Summary	317

1. INTRODUCTION

1.1 Presentation of the Study

This study was carried out within the framework of the Pacific Europe Network for Science and Technology (PACE-Net), a European Commission (EC)-funded project.

The PACE-Net project seeks to improve regional and bi-regional collaboration and cooperation activities in science and technology (S&T) research within the Pacific and between Europe and the Pacific. Its global aim is to develop networks between Pacific and European stakeholders from research entities, universities, industries, policy-makers, programme managers and civil society in order to facilitate and establish balanced and multidisciplinary partnerships in priority areas of mutually beneficial research. To this end, PACE-Net pursues the following three objectives:

- To reinforce existing S&T dialogues and networks and promote regional integration for those networks by seeking to increase the cooperation between research organisations and universities in the region;
- To identify S&T international cooperation activities and programmes in the Pacific region by setting up a dialogue that will bring relevant S&T experts and stakeholders from the Pacific and Europe together to establish the priority areas for EC's funding instrument, the 7th Framework Programme for Research and Technological Development (FP 7) and beyond; and
- To strengthen the coordination of S&T cooperation and the complementarities with activities and programmes carried out by other European instruments; in particular, synergies with the European Development Fund (EDF) shall be found.

Within the three year PACE-Net project, three key activities will be carried out, specifically: Information and Analysis; Action and Dialogue; and Outreach (see Fig. 1)¹. The current Study forms part of the "Information and Analysis" phase of the project, which involves the appraisal of the current situation of S&T research in the Pacific island region. This Study was undertaken for the specific purpose of informing the next "Action and Dialogue" phase of the project, which aims to develop and implement networks between different S&T research stakeholders from Europe and the Pacific.

In order to evaluate the current landscape of S&T research in the Pacific, several studies have been conducted, including surveys and desktop reviews. This report, which corresponds to the Tasks 1.1 (Profile of Pacific organisations involved in scientific research), 1.2 (Identify research partners of Pacific organisations) and 1.3 (Profile significant research activities in the Pacific) of

¹ For further information concerning the PACE-Net project, please refer to the Grant Agreement n° 244514 Annex I – Description of Work (DoW) attached herein.

Work Package 1 (WP 1) of the PACE-Net project, is the first of the many reports that will be published under the “Information and Analysis” activity of the project. The information reported herein has been collected exclusively from the survey studies undertaken.

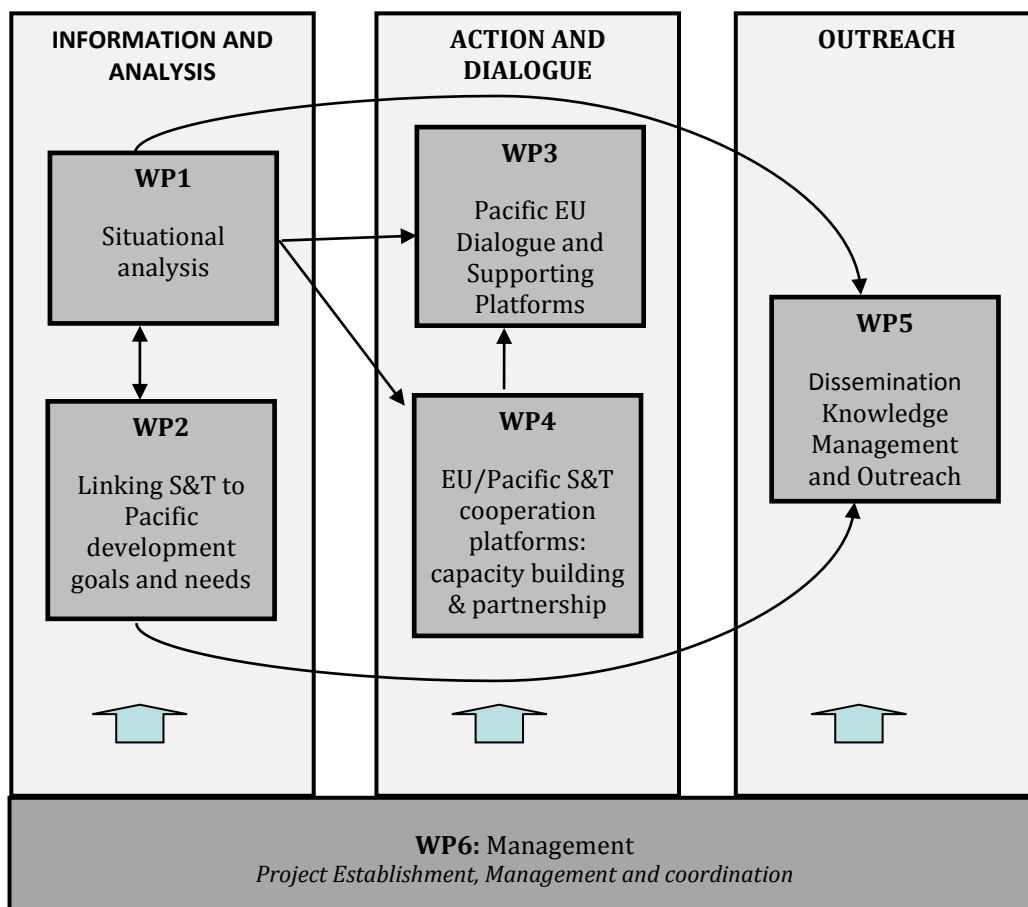


Fig. 1 Links between the different Work Packages of the PACE-Net project

1.2 Methodology of the Study

This Study covers the Tasks 1.1, 1.2 and 1.3 from the project’s description of work, for which a South Pacific region-wide survey was carried out. Various organisations (research institutions, academic organizations, private institutions, development agencies and ministries by desktop survey) in 19 targeted South Pacific Island Countries and Territories (PICTs)² as well as in Australia and New Zealand were contacted for this survey, and in total three questionnaires

² Includes 15 member countries of the Africa Caribbean Pacific (ACP) Group of the Pacific region (Cook Islands, Federate States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Solomon Islands, East Timor, Tonga, Tuvalu, Samoa and Vanuatu) and the four Overseas Countries and Territories (OCTs) in the Pacific region (French Polynesia, New Caledonia, Wallis and Futuna, Pitcairn)

were designed. The first questionnaire targeted the South Pacific Islands organisations undertaking S&T research, and the second targeted the New Zealand and Australian organisations undertaking S&T research in and with the South Pacific island region. The questionnaire was designed for South Pacific islands' government ministries. The methodology used for each of these questionnaires is described in the following sections.

Furthermore, the Tasks 1.1, 1.2 and 1.3 are interlinked. Task 1.1 seeks to list S&T research organisations in the Pacific with a description of their mandate, science focal areas and expertise. Task 1.2 requires profiles on researchers working in the organisations identified in the Task 1.1 with a description of their mandates, science focal areas, research team and S&T expertise as well relevant details of regional and international institutions with which they have scientific collaborations with. Finally, the Task 1.3 seeks to identify significant research projects³ that are either on-going or concluded from 2008 onwards in which researchers identified in the Task 1.2 were involved. As the information required for all these three tasks could only be obtained effectively via surveys, the Tasks 1.1, 1.2 and 1.3 were combined.

The task of contacting the different organisations, and sending, following-up and collecting the questionnaires was divided amongst PACE-Net Partners depending on their geographic location and their contacts in the countries or organisations of study. As such, the Secretariat of the Pacific Community (SPC) covered the regional inter-governmental agencies of the South Pacific Islands, the University of South Pacific (USP) covered the organisations in other Asian Caribbean and Pacific Group States (ACP) countries, the University of Papua New Guinea (UPNG) covered the Papua New Guinean organisations, the Institut de Recherche pour le Développement (IRD) was responsible for the organisations in the Overseas countries and territories (OCTs), the Australian National University (ANU) handled organisations in Australia, and New Zealand's Ministry of Innovation and Science (MSI) (previously known as the Ministry of Research, Science and Technology (MoRST)) covered the organisations in New Zealand. The completed questionnaires collected by each of the PACE-Net Partners were forwarded to USP and SPC for analysis and reporting.

The questionnaires contain both open-ended (completely unstructured) and closed (including yes/no and multiple choices), as well as contingency and matrix-type questions. The questions are of both qualitative and quantitative nature. To assist respondents to respond accurately and so as to avoid ambiguity, a list of definitions and abbreviations was added. In order to facilitate the analysis of results, a multiple choice format was used for questions relating to the scientific focus areas of organisations (Task 1.1) and researchers (Task 1.2). The options for these questions were inspired by the website of the FP 7 (www.cordis.europe.eu) which gives eight thematic areas that appear as research and development sectors in the questionnaire and which includes a glossary.

³ 'Significant research' is defined in terms of relevance to the issues of the region and relationship to development (identified in the Task 2.1).

The layout of all three questionnaires consists of: a cover page (with the logo and a description of the PACE-Net project and its objectives; information on the purpose of the questionnaire, guidelines as to whom can respond, information on the importance and the advantages of responding to the questionnaire; the deadline and contact person address; a list of definitions of terminology and abbreviations used in the questionnaire); the questions; and an ending note (with word of thanks; the deadline; and the contact person address). All three questionnaires were sent to targeted respondents with an accompanying message which further explained the project, its purpose, the advantages of responding to the questionnaire, and deadlines.

1.2.1 Questionnaire N° 1

The first questionnaire entitled “PACE-Net Questionnaire on S&T Research, Cooperation and Strategies of Organisations in the Pacific involved in Research” was co-prepared by IRD, SPC and USP. Targeting the research institutions, academic institutions, inter-governmental agencies and the private companies in the Pacific island region, the questionnaire was divided into two parts – Part 1 had questions that only the administrative or corporate section of the organisations was meant to answer, and Part 2 had questions specific to the researchers or research teams working in these organisations. These two parts, when addressed to the respondents, appear as two separate electronic word files or two separate hard copy documents. Both parts of the questionnaire follow the layout that is described above. Please see Annex 2 for an exemplar.

Part 1 contains questions pertaining to the identification of organisations undertaking research activities in the Pacific, their representatives, contact person, their role in research for development, and the major donors and beneficiaries of their research activities. In order to identify the gaps and future funding opportunities of Task 2.3 (Research capability in the Pacific and funding sources dedicated to above identified science focal areas) of the WP 2 of the project, this part also contains questions on the organisation’s research capacity per research and development sectors. Research capacity is defined in terms of human and financial capacity, as well as in terms of training, publication and dissemination capacity.

Part 2 of the questionnaire is intended for the research teams and the researchers of the organisations contacted for Part 1. It contains questions pertaining to the identification of the research teams, their researchers and expertise for the network, identification of their donors and reasons for cooperation, the organisations they collaborate with and the identification of research projects. It identifies the funding gaps in the research topics that make up each of the eight research and development sectors. It also asked for information on funding, in order to inform Task 2.3. In the interest of addressing Task 1.3.2 (Publication in English and French detailing significant research projects undertaken in the area of S&T), synopses of the research projects were requested.

A final draft of the questionnaire was sent to all 10 PACE-Net Partners for comments. Based on feedback received, questions on the familiarity of researchers in the Pacific with the FP 7 programme were added. The entire document was also semi-protected to avoid editing of

questions by respondents. The pilot tests were then undertaken with two pilot participants each from USP, IRD, and SPC. Their comments and remarks, mainly relating to edits and lack of definitions, were taken in account were possible.

The questionnaire was finally launched in mid-September, 2010. The Pacific island-based PACE-Net Partners (USP, IRD and SPC) were responsible for disseminating the questionnaire to appropriate organisations in their areas of work. The deadline was initially set for mid-October, 2010, in time for the second PACE-Net consortium meeting that was held in Fiji in November, 2010. Where possible, for the ease of the respondents, USP, IRD and SPC took care to pre-fill the questionnaire with information obtained from the annual reports and other reports of the organisations and researchers contacted. Most of the questionnaires were then sent via email with accompanying messages to different organizations. Some questionnaires were sent via postal mail and some were hand-delivered by PACE Net personnel. Fourteen organisations, particularly those based in Fiji, New Caledonia, Samoa, Cook Islands, Tonga and Vanuatu personal visits were carried out to meet the administration and researchers for face-to-face interviews. It was seen that all the organization who have participated in the survey were personally visited for ACP countries.

During the consortium meeting in Fiji, due to the weak response rate, the PACE-Net Partners agreed to extend the survey deadline to mid-April, 2011. Furthermore the deadline was extended to end of September after discussion in Brisbane workshop. To boost the response rate, a preliminary note entitled “Some key preliminary findings from PACE-Net project-conducted studies: Progress Report to PACE-Net Questionnaire Respondents” was prepared by SPC and USP and disseminated to all respondents to the Questionnaire (refer to Annex 5).

1.2.2 Questionnaire N° 2

The second questionnaire, entitled “PACE-Net Questionnaire on S&T Research, Cooperation and Strategies of Australian and New Zealand Organisations involved in Research in the Pacific,” targeted the research organisations, academic institutions, inter-governmental agencies and private companies in Australia and New Zealand that undertake S&T research activities in the South Pacific island region and/or with the South Pacific island researchers.

This questionnaire was prepared after Questionnaire N° 1 and follows the same layout and style with similar questions (see Annex 3 for an exemplar). This questionnaire was launched in the beginning of November, 2010 by MORST and ANU who contacted the various organisations and distributed the survey via email and over the telephone. The initial deadline for this questionnaire was set for end of November, 2010, but this was also extended to mid-April, 2011 during the PACE-Net consortium meeting in Fiji due to a poor response rate.

1.2.3 Questionnaire N° 3

Following suggestions by PACE-Net partners, it was decided that another questionnaire, specifically targeting the South Pacific Islands government departments, should be designed (see Annex4). This questionnaire was prepared during the second PACE-Net consortium meeting held in Fiji in November, 2010 with the PACE-Net partners present (USP, SPC, IRD, MSI, UPNG and Malta Council for Science and Technology). This questionnaire, entitled “PACE-Net Questionnaire on S&T Research, Cooperation and Strategies of Governmental Institutions in the Pacific,” follows the same layout (cover page with a list of definitions, abbreviations and glossary; questions; and a ending note) and has questions pertaining to the identification of ministries undertaking research activities in the Pacific islands, their representatives, contact person, the ministry’s role in research for development, major donors and beneficiaries of their research activities, their policies, their collaboration and cooperation activities, and the code of ethics they follow for S&T research activities.

This was sent to all the Partners for comments and, following minor corrections, was launched in February 2011 by USP and IRD in the ACP and OCT countries. The deadline for response was set as mid-April, 2011. The questionnaires were then sent via email with accompanying messages to different ministries and the Prime Ministers’ Offices in ACP countries, and to the Governors’ Offices for OCT countries. Some questionnaires were sent via postal mail and some were hand-delivered by PACE- Net personnel. The questionnaire in Fiji, Cook Islands, Vanuatu and Tonga was hand delivered and personally interviewed. The questionnaires where in English and French languages.

2. ANALYSIS AND REPORTING

The completed questionnaires were collected, respectively from OCTs, New Zealand and Australia and regional inter-governmental agencies, by IRD, MSI, ANU and SPC, and were then forwarded to USP. USP and SPC devised a plan for the analysis of results, and the reporting was carried out by USP.

The report contains analysis of the answers to quantitative questions and lists which compile qualitative information.

2.1 Questionnaires N° 1 and 2 - Pacific organisations supporting science and technology research for the Pacific island region

The following sections describe the analysis and data that were obtained from Questionnaires N° 1 and 2 which targeted organisations based in the Pacific (including ACP and OCT countries as well as Australia and New Zealand) involved in S&T research activities (including research institutions, academic institutions, regional development agencies and the private companies).

2.1.1 Percentage Response Rate for the Survey

A. Entire Survey, including All Organisations

Table 1 presents the total number of organisations in the Pacific that were contacted to participate to the survey with Questionnaires No 1 and 2, while Table 2 compiles the names of all organisations that responded to the survey.

Table 1 Total number and number per region, of organisations surveyed and response obtained

Questionnaire (regardless of the part completed)*	Organisations contacted for questionnaire n° 1 and 2				
	ACP-based	OCT-based	Regional Organisations	Based in Australia and New Zealand	Total
Sent	47	43	6	28	124
Received	19	19	3	9	50
% response rate per region	40.4	44	50	32	40%
Overall % response rate					

* As Parts 1 and 2 of the two questionnaires N° 1 and 2 address two targeted groups of respondents (Part 1 - the administrative or corporate section and Part 2 - the researchers), these parts were separated. It was observed during the survey that, while researchers of certain organisations participated in Part 2 of the questionnaire, the investigators got no feedback for Part 1 of the corresponding questionnaire from the administration of these organisations.

Table 1 also shows the number of organisations divided per region or area (ACP, OCT and Australia and New Zealand), as well as the regional development agencies that were contacted. Due to the nature of inter-governmental organisations in the Pacific that represent both ACP

and OCTs with Australia and New Zealand as members, the data pertaining to these agencies will be classified under the heading regional organisations.

Table 2 List compiling the names of organisations that participated to the survey

	ACP-based Organisations	Organization type	Country headquarter	Response Questionnaire 1	Response Questionnaire 1
1	University of the South Pacific	Public University	Fiji	✓	✓
2	University of Fiji	Public University	Fiji	✓	✓
3	Sugar Research Institute of Fiji	Institute	Fiji	✓	✓
4	Ministry of Natural Resources and Environment - Samoa	Governmental	Samoa		✓
5	Scientific Research Organization of Samoa	Institute	Fiji	✓	✓
6	University of Papua New Guinea	Public University	PNG		✓
7	University of Natural Resource & Environment	Public University	PNG		✓
8	University of Goroka	Public University	PNG		✓
9	University of Technology	Public University	PNG		✓
10	Pacific Institute of Public Policy	NGO	Vanuatu	✓	✓
11	JAM Consulting	Private Institute	Vanuatu		✓
12	Topou Tertiary Institute	Private University	Tonga	✓	✓
13	Ministry of Agriculture, Food, Forests & Fisheries -Tonga	Governmental	Tonga	✓	✓
14	Ministry of Environment and Climate Change - Tonga	Governmental	Tonga	✓	✓
15	Cook Islands Whale Research	Institute	Cook Islands	✓	✓
16	Centre for Cetacean Research & Conservation	Institute	Cook Islands	✓	✓
17	PNG University of Technology	Public University	PNG	✓	
18	Pacific Adventist University	Public University	PNG		✓
19	Divine Word University	Public University	PNG		✓

	OCT-based Organisations	Organization type	Country headquarter	Response Questionnaire 1	Response Questionnaire 1
20	BLUECHAM SAS	Institute	New Caledonia	✓	✓
21	Centre National de Recherche Technologique Nickel et son environnement	Institute	New Caledonia	✓	✓
22	Centre de recherches insulaires et Observatoire de l'Environnement de Polynésie Française	Institute	Tahiti	✓	✓
23	Grand Observatoire de l'environnement et de la biodiversité terrestre et marine du Pacifique Sud	Institute	New Caledonia	✓	✓
24	Institut Agronomique Néo-Calédonien	Institute	Tahiti	✓	✓
25	Institut Français de Recherche pour l'Exploitation de la Mer	Institute	Tahiti	✓	✓
26	Institut Louis Malardé	Institute		✓	✓
27	Institut Pasteur de la Nouvelle-Calédonie	Association	New Caledonia	✓	✓
28	Institut de Recherche pour le Développement	Institute	New Caledonia	✓	✓
29	Institut de la Statistique et des Etudes Economiques	Institute	New Caledonia	✓	✓
30	Météo France NC	Institute	New Caledonia	✓	✓
31	Université de la Nouvelle-Calédonie	University	New Caledonia	✓	✓
32	Université de la Polynésie Française	University	Tahiti	✓	✓
33	Institut de Radioprotection et de Sûreté Nucléaire	Institute	New Caledonia		✓
34	Institut National de la Recherche Agronomique*	Institute	France		✓
35	Centre de Recherche et de Documentation sur l'Océanie*	Institute	France	✓	✓
36	Lisode*	Enterprise	France	✓	✓
37	Association Française pour la Coopération en recherche et développement industrielle avec l'Australie*	Association	France	✓	

* These organisations are located in France but actively undertake S&T research on the Pacific Region

	Regional Organisations	Organization type	Country headquarter	Response Questionnaire 1	Response Questionnaire 1
38	Secretariat of the Pacific Community	Regional Organisation	New Caledonia	✓	✓
39	South Pacific Applied Geoscience Commission	Regional Organisation	New Caledonia	✓	✓
40	Secretariat of the Pacific Regional Environment Programme	Regional Organisation	Samoa	✓	✓

	Regional Organisations	Organization type	Country headquarter	Response Questionnaire 1	Response Questionnaire 1
41	Australian National University (Australia)	University	Australia	✓	✓
42	University - Institute for Resource Industries and Sustainability (Australia)	University/Institute	Australia	✓	✓
43	Victoria Police (Australia)	Government	Australia	✓	
44	Department of Employment, Economic Development and Innovation (Australia)	Government	Australia	✓	
45	Auckland University of Technology (New Zealand)	University	New Zealand	✓	✓
46	University of Canterbury (New Zealand)	University	New Zealand	✓	✓
47	University of Otago (New Zealand)	University	New Zealand	✓	✓
48	University of Auckland (New Zealand)	University	New Zealand	✓	✓

From Table 1, the total response rate for the entire survey is calculated to be 40%. The investigators remark that the organisations that provided feedback were mainly those that were visited during the survey by PACE-Net personnel. This shows the importance of creating an effective working relationships with participants in these kind of studies.

B. ACP-based Organisations: Research, Academic and Private

Questionnaire N^o 1 was sent to a total of 47 organisations in the Pacific ACP countries. USP sent the survey, and followed up on it, to the Cook Islands, Federated States of Micronesia, Fiji, Marshall Islands, Nauru, Niue, Palau, Solomon Islands, Tonga, Tuvalu, Samoa and Vanuatu. During the survey, USP was able to visit numerous organisations and researchers located in Cook Islands, Fiji, Samoa, Tonga and Vanuatu for face-to-face interviews. UPNG carried out the survey within Papua New Guinea. In all, organisations doing research in 13 countries were surveyed.

Questionnaires could not be sent to Nauru, East Timor, Niue and Tuvalu due to a lack of knowledge/ contact with organisations undertaking research in these countries on the part of surveyor.

Fig. 2 below shows the number of questionnaires (including both Parts 1 and 2) that were sent and received. From the data, the response rate for ACP- based organisations was calculated to be 40.4%. It was observed that only the major organisations based in Fiji, Samoa, Papua New Guinea, Cook Islands, Vanuatu and Tonga participated in the survey.

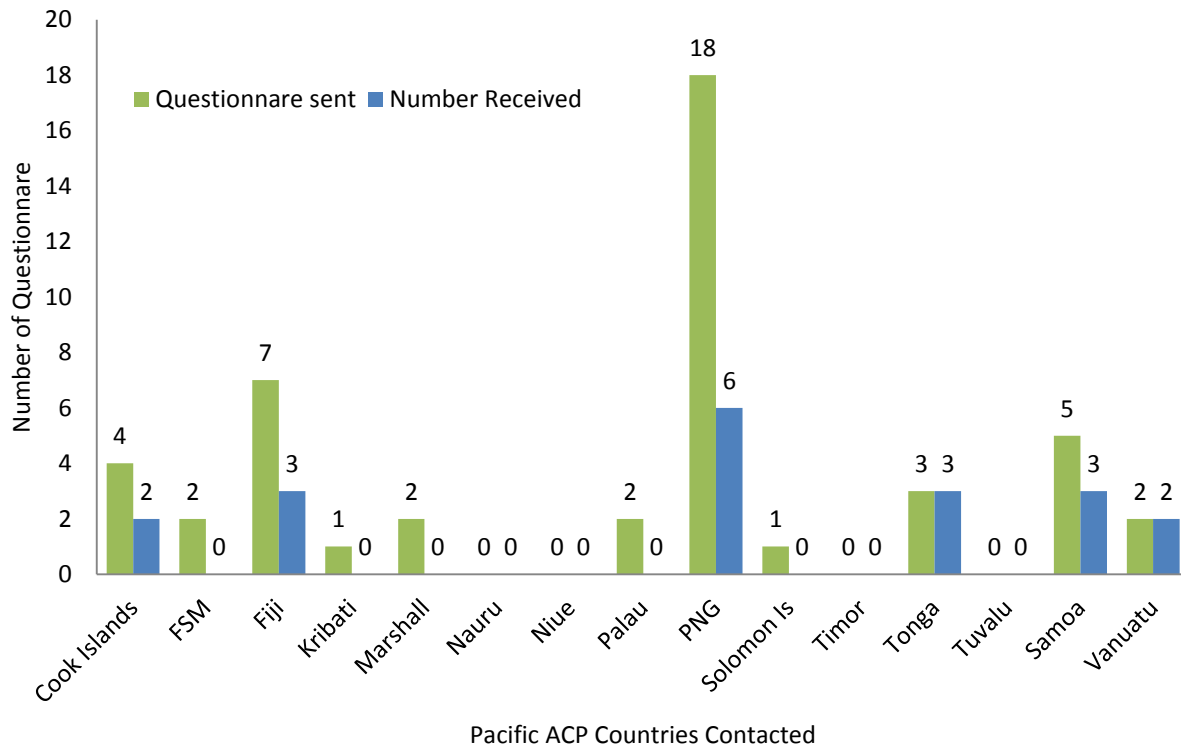


Fig. 2 Number of questionnaires sent to and received from Pacific ACP research, Academic and Private organisations involved in S&T research

C. OCT-based organisations: Research, Academic and Private

Questionnaire N^o 1 was sent to a total of 43 organisations in OCT countries, including French Polynesia, Wallis and Futuna, Pitcairn Islands, and New Caledonia. Moreover, in the interest of the PACE-Net project, certain organisations (6) based in France but actively undertaking S&T research on the Pacific region were also contacted. IRD distributed and followed up the survey in OCT, which included doing face-to-face interviews with numerous organisations and researchers based in New Caledonia. No questionnaires were sent to Wallis and Futuna or Pitcairn Island either due to the inexistence of or lack of knowledge on/ contact with organisations undertaking research in these countries on the part of the surveyor.

Fig. 3 below shows the number of questionnaires (including both Parts 1 and 2) that were sent and received. From the data, the response rate for ACP- based organisations was calculated to be 44%. It.

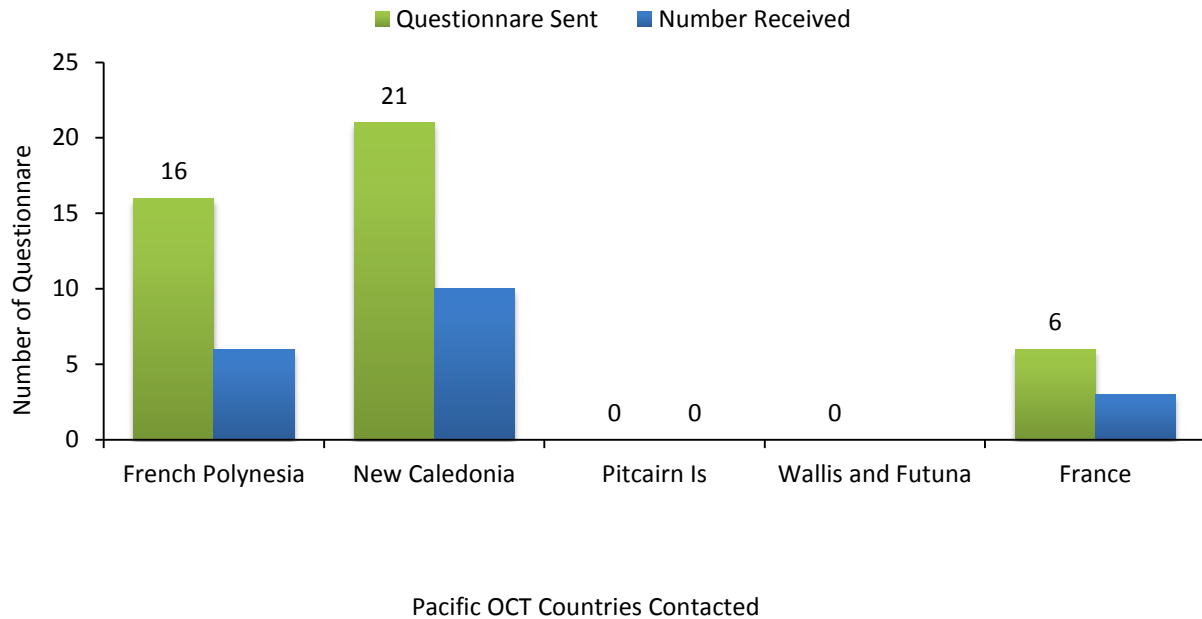


Fig. 3 Number of questionnaires sent to and received from OCT Research, Academic and Private Organisations involved in S&T research

D. ACP- and OCT-based organisations: Regional Development Agencies

Questionnaire N° 1 was sent to 6 regional development agencies, specifically; the Forum Fisheries Agencies (FFA), based in Solomon Islands, South Pacific Regional Environment Programme (SPREP), based in Samoa, SPC (that now includes the South Pacific Applied Geoscience Commission (SOPAC) and South Pacific Board for Educational Assessment (SPBEA)), located in Fiji, and the Pacific Islands Development Programme (PIDP), located in Hawaii. These agencies are all, except for PIDP, members of the Council of Regional Organisations in the Pacific (CROP). SPC was in charge of distributing and monitoring Questionnaire N° 1 to these CROP agencies, with the exception of USP. The data for USP appears with ACP-based organisations. During the survey, SPC had occasion to meet with researchers and other members of SPC, SOPAC and SPBEA, while USP met with researchers from SPREP which led to face-to-face interviews.

Fig. 4 below shows the number of questionnaires (including both Parts 1 and 2) that were sent and received. From the data, the response rate for Pacific Island Regional Development Agencies was calculated to be 50%. It was observed that only SPC (including SOPAC, which is the scientific division of SPC) and SPREP replied to the surveys.

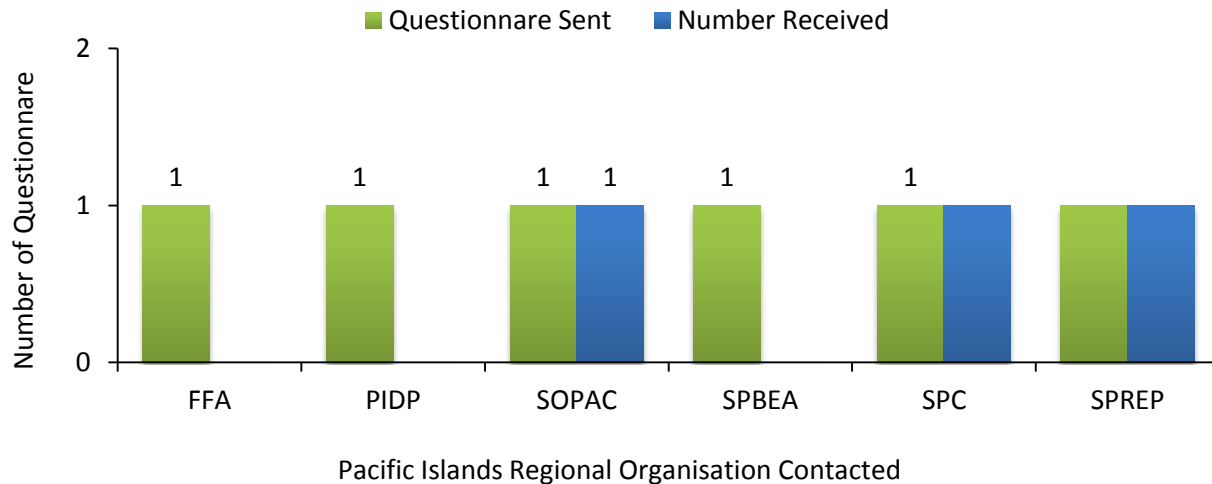


Fig. 4 Number of questionnaires sent to and received from Pacific Island Development Agencies (or Regional Organisations) involved in S&T Research

E. Australia and New Zealand-based organisations: Research, Academic and Private

Questionnaire N^o 1 was sent to a total of 28 organisations in Australia and New Zealand to inventory their S&T research activities in or with the Pacific island region. ANU and MSI carried out this survey. Fig. 5 shows that, out of the 24 organisations contacted in Australia, 5 responded and that, in New Zealand, 4 organisations were contacted and all responded. Therefore the response rate totaled 32%. The low responses in Australia are in part due to the challenges of surveying major institutions with thousands of staff who do not have easy access to the data required to fill in the survey questions. In some cases, providing responses requires numerous databases across the institutions to be interrogated, as information on Pacific-related research is not easily centrally identified. In the future, an alternative process to a survey sent university administrations may be suggested, such as internet, publication and project databases and university library searches coordinated by an employee of the institution of interest. If the task is not part of normal duties, additional remuneration for the number of hours worked to obtain information may be required from the project seeking the information.

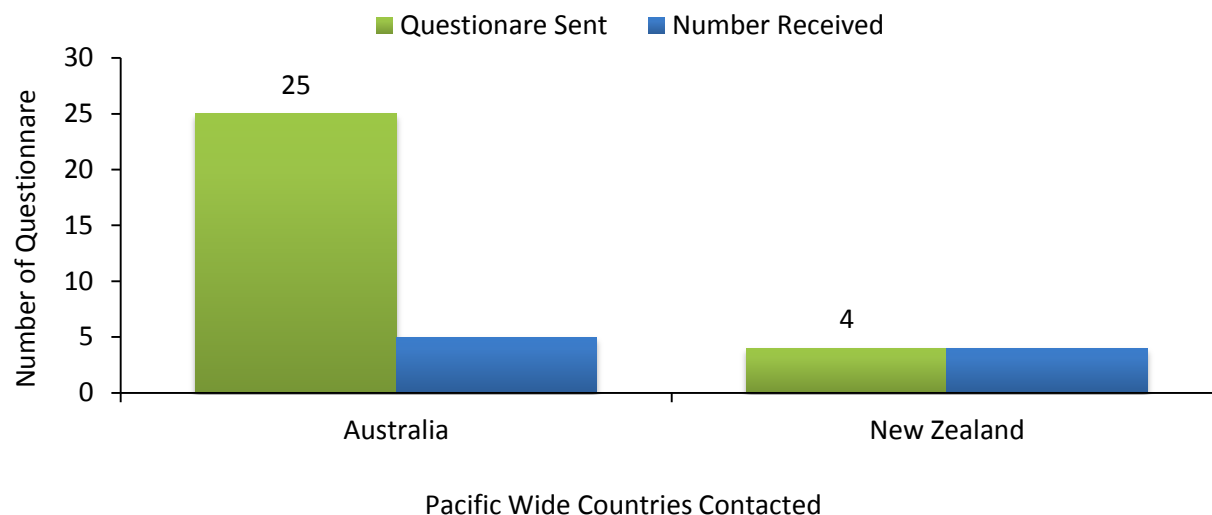


Fig. 5 Number of questionnaires sent to and received from Australian and New Zealand Research, Academic and Private Organisations involved in S&T Research for the Pacific Island region

2.1.2 Percentage Response Rates per Parts 1 and 2

As Parts 1 and 2 of the two Questionnaires N^o 1 and 2 address two targeted groups of respondents (Part 1 - the administrative/corporate section and Part 2 - the researchers), these parts were separated to avoid confusion on the part of the participants. However, it was observed during the survey that, while researchers of certain organisations participated in Part 2 of the questionnaire, the investigators got no feedback for Part 1 of the corresponding questionnaire from the administration of their organizations, and vice versa. For example, 78% of the organisations replied to either Parts 1 or 2, and 64% replied to both, while 10% replied to only Part 2.

As a result, 11 out of 19 organisations from Pacific ACP countries (or 57%), 16 out of 18 from Pacific OCT (89%), all three from regional organizations, and 8 from Australia and New Zealand responded to Part 1 of the Questionnaire (Table 3). For Part 2, 14 out of 19 organisation from Pacific ACP countries (or 73%), 17 out of 19 from Pacific OCT (or 89%), all three from Regional Organisations (100%), and 5 out of 9 from Australia and New Zealand (or 55%) responded.

Table 3: Total Number, and Number of Organisations that responded to Part 1 and to Part 2 of Questionnaire N^o 1 and 2 per region or area of location of the organisations surveyed

Questionnaire	Organisations contacted for questionnaire n ^o 1 and 2				Total
	ACP-based	OCT-based	Regional organisations	Based in Australia and New Zealand	
Number of organisations contacted for the survey	47	43	6	28	123

Number of organisations that participated regardless of the part completed	19	19	3	9	50
Overall % response rate	41.3	44	50	32	40.1
Number of organisations that participated to both part 1 and 2	10	14	3	6	33
Total number of participation to part 1	11	16	3	8	38
Number of participation to part 2	18	17	3	6	44
Number of organisation that participated to only part 1(only the administration responded)	2	2	0	4	8
Number of organisation that participated to only part 2(only the researchers responded)	5	2	0	0	7

2.1.3 *Analysis and Percentage Response Rates per Question Determined as Key to the Project*

The following sections provide an analysis of only those questions in the Questionnaire N^o 1 and 2 that are considered significant and inform the various tasks of WP 1 and 2 of the PACE-Net project, in particular Tasks 1.3.2 and 2.3. Table 4 and Fig. 6 present the analysis of questions considered to be key information by the investigators, and that the administrative sections (on Part 1) and the researchers (on Part 2) were asked to answer in the Questionnaires No 1 and 2. Moreover, in order to assess the validity and applicability of data collected during the survey to these tasks, the investigators have decided to concurrently evaluate the response rates of these questions.

Indeed, the relevance of the analysis from which conclusions and recommendations for the information requested will be made depend on the response rate to each of the questions asked in the questionnaire. The percentage response rate also shows those questions which were difficult for the respondents or which the respondents chose not to answer, either due to irrelevance, ambiguity, or the fact that they were time-consuming. Such questions should be avoided in future studies of this nature.

The analyses and the response rates are represented in the following sections. The information obtained from the qualitative questions is listed in section 2.1.3.

2.1.3.1 Part 1 - Information on the Organisation (for administration to answer)

Part 1 of the Questionnaire 1 and 2 contains a set of matrix questions requesting general (including contact, representative, mandates and names of donors and recipient agencies) and statistical information (ie on budget, number of students and employees).

Table 3 shows that a total of 39 organisations responded to Part 1 of the questionnaire.

A. *Q1: General Information on Your Organisation*

Q1 includes both qualitative and quantitative questions, and seeks information such as the organisation's title, address, website, and type of organization, as well as total budget, number of students and/or employees per year from 2008, 2009 and 2010, and the number of research teams per organisation.

The information pertaining to the organisation title and addresses is compiled for the readers' reference in the Annex for each region surveyed. This information was collected for Task 1.1.

The question pertaining to the type of organisations in the Pacific that undertake S&T research, and the sector to which they belong, is analysed in Table 4. All 36 organisations replied to the question pertaining to the legal status - public or non-public - of their organisation. Out of these 39, 25 organisations belong to the public sector, 8 are private institutions, and three institutions

provided invalid answers. Of the 25 organisations in the public sector, 2 organisations in the OCT did not specify the exact nature of their organisation (*i.e.* if it were a university, research institute, research facility/station or an NGO).

Nonetheless, from these survey responses one can remark that majority of the research in the Pacific island region appears to be carried out by the public sector (74%); more precisely by the public universities (23%) and research institutions (26%), followed by governmental departments and ministries (25%) (see Fig. 6). In the OCT region, the majority of organisations undertaking research activities appear to be public research institutes (60%), while in ACP and in Australia and New Zealand these are primarily public education-provider institutes (respectively, 50 and 57%) (see Fig. 7). The low survey sending and response rates in these countries do however mean this is a partial picture and more research is required.

Table 4 Analysis and percentage response rate to question on the status and type of organisation

Type of Organisation:	ACP	OCT	Regional	Australia and New Zealand	Total per status and category	%
Public						
✓ University	3	1		4	8	23
✓ Institute		9			9	26
✓ Facilities/Stations						
✓ Governmental department or ministry	3	1		2	6	25
✓ IGO ⁴			3		3	13
✓ Other (<i>specify</i>):						
Total per region	6	11	3	6	25	74
Non-public						
✓ University						
✓ Institute	2			1	3	8
✓ Foundation						
✓ Enterprise		1			1	3
✓ SME ⁵		1			1	3
✓ Association		2			2	6
✓ NGO ⁶	1				1	3
✓ Other (<i>specify</i>):						
Total per region	3	4	0	1	8	21
Grand total	9	15	3	7	35	
% response rate to Q1:	91					

⁴ IGO stands for inter-governmental organisation

⁵ SME stands for small-medium size enterprise

⁶ NGO stands for non-governmental organisation

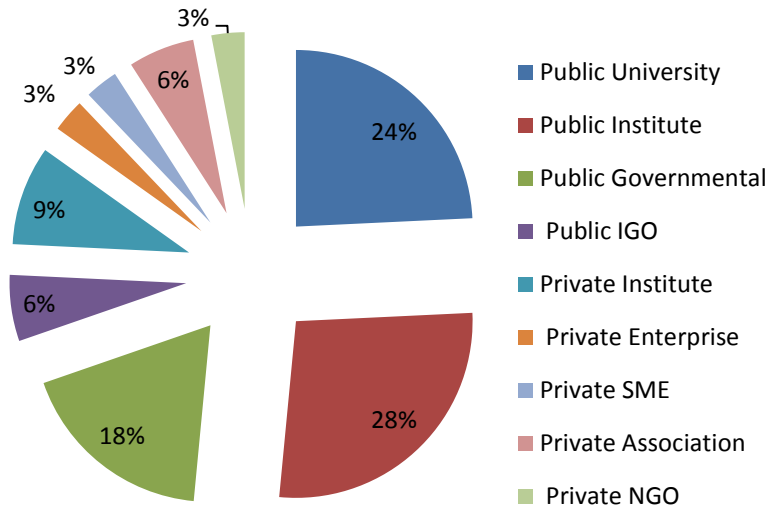


Fig. 6 Distribution of types of organisations in the Pacific ACP and OCT group, Australia, and New Zealand as well as regional organisations involved in S&T research for the Pacific Island Region

In order to identify the capacity and capability of each organisation (in terms of financial and human resources), and to compare these with those researchers that are employed to undertake S&T research activities in the Pacific Island region (refer the following section E), the organisations were asked to provide their budget and student and staff count for three consecutive years (2008, 2009 and 2010).

Generally, the investigators have observed low response rates for this set of questions, (Table 5), and thus doubt that the data obtained has any real validity. Moreover, the investigators have also observed that all the questions pertaining to the provision of statistical data in the rest of the questionnaire (e.x. Q5 of Section E) also have poor response rates. Even during the numerous face-to-face meetings, the investigators observed the difficulties that the respondents, both at administrative and researcher level, had providing such information. The difficulties were so intense that it was almost felt that demanding such information was counterproductive and deterred participants from taking part in the survey. This underlines either the lack of the type of statistical data demanded or lack of access to such data, both of which are recurrent issues in the Pacific Island region.

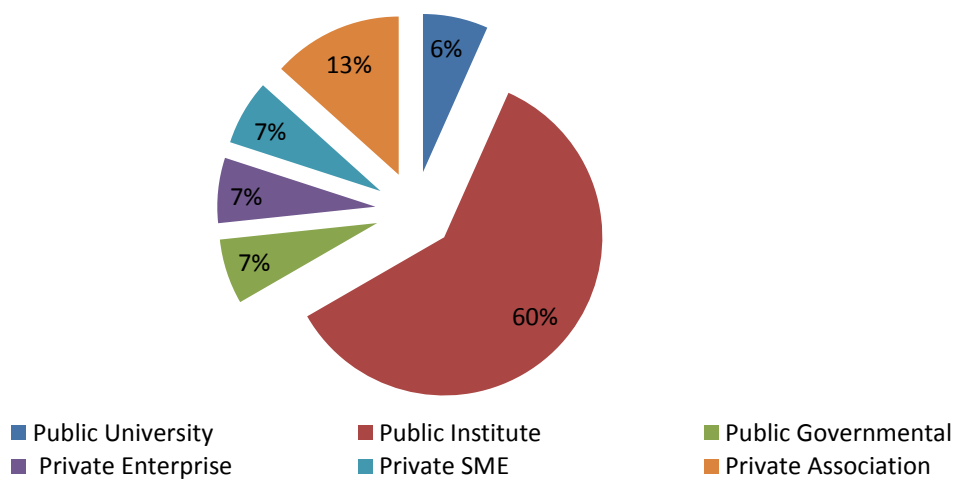
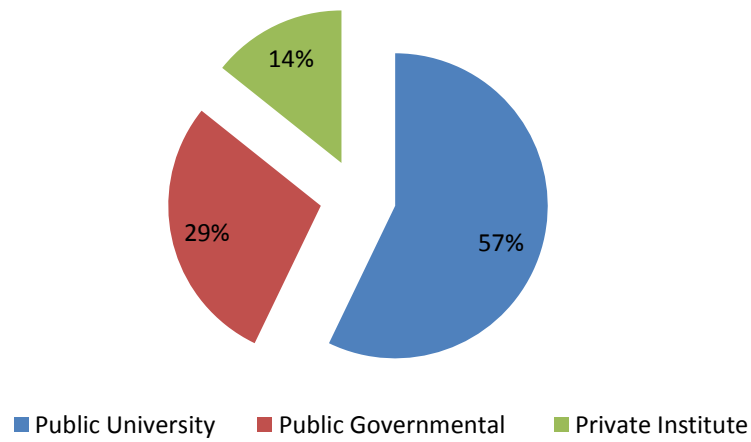
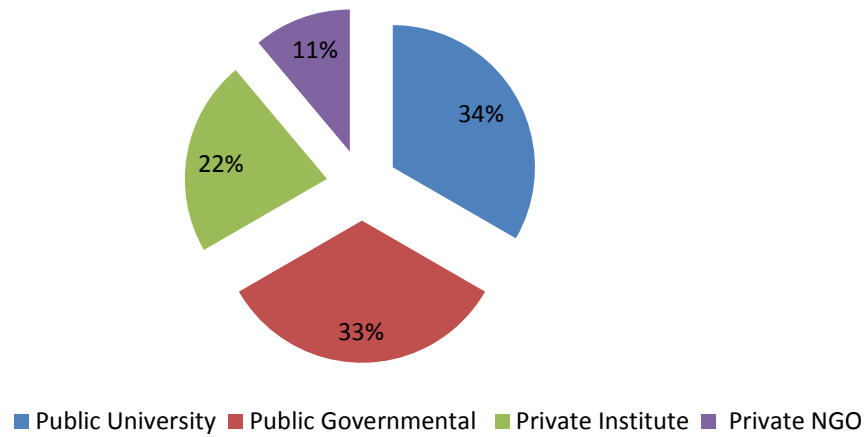


Fig. 7 Distribution of types of organisations involved in S&T research for the Pacific Island region by region of location: (A) Pacific ACP, (B) Pacific OCT and (C) Australia and New Zealand

Q2: Information on the Representative of your Organisation

A qualitative question, the information on representatives of the respondent organisations and their contacts, collected for the Task 1.1, is compiled in the section annex (for each region surveyed).

Table 5: Percentage Response Rate to Questions on Budget and Number of Students, Employees and Research Teams, and Total Budget per Region for 3 years (2008, 2009 and 2010) and Number of Research Teams (Budget is in Euros)

Question		ACP	OCT	Regional	Australia & New Zealand	Overall
Total budget of organisation by year: in Euros	2008	27195797	11992074	36678142	1739883998	1815750011
	<i>% response rate</i>	70	69	100	63	75.5
	2009	72612502	105692886	25918968	1076249230	1280473586
	<i>% response rate</i>	70	75	100	63	77
	2010	27015170	51714884	18733435	454901260	552364749
	<i>% response rate</i>	70	50	100	75	73.5
Total number of students by year:	2008	2819	5583	13	106748	28790 Average
	<i>% response rate</i>	30	56	0	88	43.5
	2009	21619	6336	17	113866	35459 Average
	<i>% response rate</i>	40	56	0	88	46
	2010	24580	3185	20	57480	21316 Average
	<i>% response rate</i>	40	50	50	63	50.75
Total number of employees by year:	2008	1235	368	552	26996	7287 Average
	<i>% response rate</i>	60	75	100	88	80.75
	2009	1229	710	575	27595	7527 Average
	<i>% response rate</i>	60	81	100	88	80.25
	2010	1389	480	164	273331	68841 Average
	<i>% response rate</i>	70	75	100	75	81.75
Number of research teams:	<i>% response rate</i>	60	81	100	38	69.75

B. *Q3: Person to Contact in Case of Further Queries*

This information was requested from the organisations in the case of further enquiries and consequently is not reported herein. Please see Annex 1 for further details.

C. *Q4: Major S&T Research Donors and Beneficiaries of Your Organisation*

Table 6 below shows the response rate per region surveyed for the question requesting the main S&T research donors and beneficiaries of the respondent organisations. For the benefit of readers, the names of the donors and beneficiaries collated are listed in the Annex 1 for each organisation. This question was designed for the Task 1.2, which seeks to identify all relevant stakeholders in research in the Pacific. One can note from the response rates that the list of donors is quite comprehensive and, therefore, is also useful for the Task 2.3, which seeks to identify funding sources.

Table 6 Percentage Response Rate to Question on Donor and Beneficiary Agencies

Question	ACP	OCT	Regional	Australia and New Zealand
Donor	100%	100%	100%	87.5%
Beneficiaries	70%	37.5%	50%	50%

D. *Q5: Statistical Data of Your Organisation per Research and Development Sector*

In order to address the need to identify the S&T research capacity and capability of each organization, in terms of financial and human resources, as well as in terms of capacity building and knowledge dissemination, and to identify the funding gaps in S&T research areas and opportunities for further investment (Task 2.3), the organisations were asked to provide information on statistical data (including their budget, number of staff and contractual researchers, number of students in research, number of Masters and PhD theses completed, and number of peer-to-peer research publications) per eight indicated research and development (R&D) sectors⁷ for three consecutive years -2008, 2009 and 2010. The data obtained is presented in Table 7 for each of the eight R&D sectors and for each of the regions.

This question appears in Part 1 of the Questionnaire N^o 1 and in Part 2 of the Questionnaire N^o2. Given the complexity of this question for the administrative staff of the Australian and New Zealand organisations, this question was moved to Part 2 of Questionnaire No 2 for the response of each researcher in their respective R&D sector.

⁷ The eight R&D sectors have been determined as according to the themes identified by the EC's FP 7 programme.

For the ACP- and OCT-based organisations and regional organisations the response rates are, respectively, 100%, 71% and 50% (Table 7). For the Australian and New Zealand-based organisations, 10 research teams out of 17 (or 59%) responded to the question that appears, as mentioned earlier, in Part 2 of the Questionnaire No 2.

A notable difficulty with this question was observed with regional organisations that, as mentioned earlier are, according to their mandate, not research organisations per se but only undertake research studies when required to create knowledge within the framework of their technical assistance projects. Given the multi-component nature of their projects, the regional organisations do not necessarily distinguish the budget and the staff required to undertake the research activities from that of the technical components of each projects. Hence these organisations were not able to provide all the data requested within this question. Moreover, the investigators remarked that respondents had difficulty with the definition of research that was provided by the PACE-Net investigators. Indeed the nature and the reasons for which research is carried out in scientific and academic institutions is always not the same as the reasons it is carried out by regional development agencies. Research in scientific and academic institutions are more fundamental, while in development organisations it is more adaptive.

Table 7 Percentage Response Rate and Analysis on Budget, Number of Contractual Researchers, Students and Employees involved in S&T research, Number of MSc and PhD theses and Peer-to-Peer Scientific Publications per R&D sector for the years 2008, 2009 and 2010.

	ACP	OCT	Regional	Australia and New Zealand	Total	
% response rate	100	71	50	59	70	
Budget (€)⁸ per R&D sector for the years 2008, 2009 and 2010						
R&D sectors	Year	ACP (€)	OCT (€)	Regional (€)	Australia and New Zealand (€)	Total per year (€)
Agriculture and Food Supply	2008	287299	34459			321758.72
	2009	433133	33507			466640.2
	2010	371186	249257			620443.47
Biology and Medicine:	2008	25631			814000	839631
	2009	25631			581520	607151
	2010	36615	34000		3240	73855
Energy	2008					
	2009				5400	5400

⁸ All currencies are in Euros as per conversion rate given on 02/05/2011 & 11/10/2011 (<http://www.xe.com>)

	2010					
Environment and Climate	2008	733888	75000	6599227	1850000	9258115
	2009	257462	1177438	12967902	1554000	15956802
	2010	900608	837500	9517045		11255153
Industry and Industrial Technology	2008				444000	444000
	2009		1147283		280800	1428083
	2010					
Information and Communication Technologies	2008	79259			223875	303134
	2009	70872			162800	233672
	2010	13466	42000			55466
Social and Economic Concerns	2008		114300		347040	461340
	2009		572347		14499	586846
	2010		362868		61069	423937
Transport and Construction	2008				1332000	1332000
	2009				1036000	1036000
	2010	2981				2981
Other (<i>specify</i>): Mathematics	2008		678053			678053
	2009		1026204			1026204
	2010		829000			829000
Total Budget for S&T research per year	2008	53862614	56653598	6599227	5010915	122126354 (€)
	2009	654539	110529725	12967902	3635019	127787185 (€)
	2010	1497525	2872126	9517045	79429	13966125 (€)

Number of contractual researchers per R&D sector for the years 2008, 2009 and 2010

R&D sectors	Year	ACP	OCT	Regional	Australia and New Zealand	Total per year
Agriculture and Food Supply	2008	13	9			22
	2009	14	9			23
	2010	9	10			19
Biology and Medicine:	2008	1	13		7	21
	2009	1			8	9
	2010	2	12		2	16
Energy	2008					0
	2009				8	8
	2010	3				3
Environment and Climate	2008	35	37		7	79
	2009	35			10	45
	2010	25	40			65
Industry and Industrial Technology	2008				12	12
	2009				5	5
	2010					0
Information and Communication	2008	2	2		16	20
	2009	2			15	17

Technologies	2010	4	2		1	7
Social and Economic Concerns	2008		91		13	104
	2009		61		5	66
	2010		61		6	67
Transport and Construction	2008				11	11
	2009				11	11
	2010	3			3	6
Total number of Contractual Research for S&T Research per year	2008	251	152		70	473
	2009	267	70		66	403
	2010	277	125		16	418
Number of Students involved in S&T Research per R&D Sector for the Years 2008, 2009 and 2010						
R&D sectors	Year	ACP	OCT	Regional	Australia and New Zealand	Total per year
Agriculture and Food Supply	2008	3	5			8
	2009	4	8			12
	2010	3	5			8
Biology and Medicine:	2008	12	9		21	42
	2009	12			26	38
	2010	14	10			24
Energy	2008					0
	2009				7	7
	2010				2	2
Environment and Climate	2008		20	1	17	38
	2009			1	31	32
	2010		60	3		63
Industry and Industrial Technology	2008				16	16
	2009				18	18
	2010					0
Information and Communication Technology	2008	5	4		25	34
	2009		4		22	26
	2010		4		1	5
Social and Economic Concerns	2008		71		2	73
	2009		105		1	106
	2010		34		7	41
Transport and Construction	2008				8	8
	2009				14	14
	2010					0
Total number of Student for S&T Research per year	2008	22	109	1	92	224
	2009	422	117	1	123	663
	2010	89	113	3	13	218
Number of Employees Involved in S&T Research Activities per R&D Sector for the Years 2008, 2009						

and 2010						
R&D sectors	Year	ACP	OCT	Regional	Australia and New Zealand	Total per year
Agriculture and Food Supply	2008	52	28			80
	2009	53	26			79
	2010	56	33			89
Biology and Medicine:	2008	3	62			65
	2009	3	63		3	69
	2010	3	10		3	16
Energy	2008					0
	2009				1	1
	2010	4				4
Environment and Climate	2008		24	55	43	122
	2009		2	58	55	115
	2010	9	17	52		78
Industry and Industrial Technology	2008				8	8
	2009				10	10
	2010					0
Information and Communication Technology	2008		3			3
	2009		2		12	14
	2010	3	3			6
Social and Economic Concerns	2008		7		17	24
	2009		7			7
	2010		8			8
Transport and Construction	2008				6	6
	2009				7	7
	2010					0
Total number of Employee involved in Research for S&T per year	2008	55	121	55	74	305
	2009	56	100	58	88	302
	2010	75	71	52	3	201

Number of MSc and PhD Theses per R&D sector for the Years 2008, 2009 and 2010						
R&D sectors	Year	ACP	OCT	Regional	Australia and New Zealand	Total per year
Agriculture and Food Supply	2008		1			1
	2009		4			4
	2010	1	2	2		5
Biology and Medicine:	2008		3		2	5
	2009		23			23
	2010		21			21
Energy	2008					0
	2009				3	3

	2010					0
Environment and Climate	2008		11	1		12
	2009		3	4	3	10
	2010		27	5		32
Industry and Industrial Technology	2008					0
	2009				1	1
	2010					0
Information and Communication Technologies	2008					0
	2009				2	2
	2010					0
Social and Economic Concerns	2008		17			17
	2009		17			17
	2010		19		2	21
Transport and Construction	2008				2	2
	2009				1	1
	2010				1	1
Total number of MSc and PhD Research for S&T Research per year	2008	5	32	1	5	43
	2009	50	47	4	14	115
	2010	76	69	7	6	158

Number of Peer-Reviewed Research Publications per R&D Sector for the Years 2008, 2009 and 2010

R&D sectors	Year	ACP	OCT	Regional	Australia and New Zealand	Total per year
Agriculture and Food Supply	2008	1	50	3		54
	2009		46	5		51
	2010		5	7		12
Biology and Medicine:	2008		19	1		20
	2009		25			25
	2010		30	1		31
Energy	2008					0
	2009					0
	2010					0
Environment and Climate	2008		81	1		82
	2009		27	1	23	51
	2010		254	1		255
Industry and Industrial Technology	2008					0
	2009				6	6
	2010					0
Information and Communication Technology	2008	1	5			6
	2009	3	4		22	29
	2010		7			7
Social and	2008		128			128

Economic Concerns	2009		150			150
	2010		79		2	81
Transport and Construction	2008					0
	2009				4	4
	2010					0
Total number of Peer Reviewed S&T Research Publication per year	2008	21	283	1	32	337
	2009	74	252	1	55	382
	2010	80	375	1	21	477

2.1.3.2 Part 2 - Information on your organisation's key researchers and research teams (for researchers to answer)

Part 2 of the Questionnaire 1 and 2 also contains a set of matrix questions requesting general information on research teams and researchers of the organisations contacted, descriptions of their research activities (its R&D sectors, collaborations, donors), the names of the donor agencies that fund their research and the reasons they work with these agencies, familiarity with EC's FP 7 programme and finally a brief description of their research projects.

Table 3 shows that 44 research teams from the Pacific-wide survey responded to Part 2 of the questionnaire.

A. *Q1: Preliminary Information on Research Teams and Team Coordinator*

This question provides basic information on the number and names of research teams within the respondent organisations and the names and contacts of the coordinators of these teams. As this was a qualitative question to inform the Task 1.2, the responses obtained are collated in the section annex for each region surveyed.

B. *Q2: Description of all Your Research Team's Activities*

A matrix question, Q2 regroups information on the R&D sector in which the research teams carry out research activities, as well as its source of funding, collaboration with other research organisations and the nature of its collaboration (national, regional, international). The overall analysis (Pacific-wide) and analysis per four areas (ACP, OCT, regional, and Australia and New Zealand), as well as the percentage response rates are discussed below.

One can note from the Table 8 that the response to the question pertaining to the R&D sector in which the research teams carry out their work is remarkably high (95 % for the entire region surveyed). This provides good data on the groups of research that is being undertaken in and with the Pacific island region. However, it should be noted that the R&D sector group of

research teams may not always reflect the R&D sectors of research projects, as some teams in a given sector may not be as active as the other teams in the other sector. Consequently, these results will be compared to the number of research projects to give a more accurate impression (see Section 3.1) of the survey outcomes. From this study, the predominant area in which S&T research is undertaken in and for the Pacific Island region appears to be Biology and Medicine at 28%. Environment (including climate change) at 24% and Agriculture and Food Supply (at 17%) are also R&D sectors in which considerable numbers of research teams in the Pacific are working, while a few research teams appear to be working in the areas of Industry and Industrial Technology and Information and Communication Technology (5% and 6% respectively) and Energy (3%).

Table 8 Research and Development Sector in which the Research Teams surveyed based in the Pacific ACP and OCT group, in Australia and New Zealand as well as in Regional Organisations undertake S&T Research Activities

Research and Development (R&D) sector	ACP	OCT	Regional	Australia & New Zealand	Total
Agriculture and Food Supply	13	5	9	3	30
Biology and Medicine	28	17	1	4	50
Energy	3	0	0	3	6
Environment and Climate	8	18	11	5	42
Industry and Industrial Technology	6	1	0	2	9
Information and Communication Technologies	4	2	1	4	11
Social and Economic Concerns	12	6	2	9	29
Transport and Construction	0		0		0
Others (<i>specify</i>): Mathematics/Physics	2	0	0	0	2
Total per area	67	49	19	30	179
% Response Rate to the Question	93%	93%	100%	94%	95%

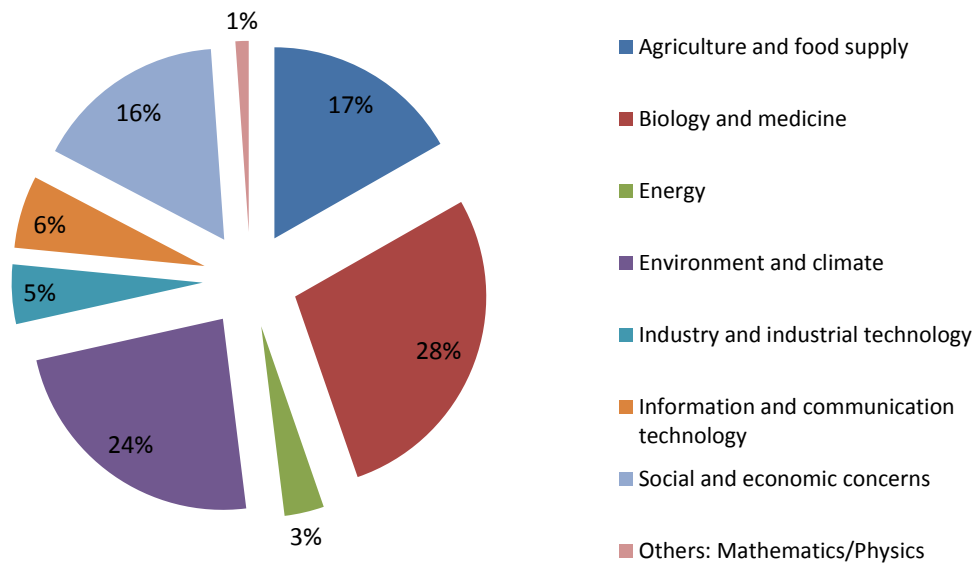


Fig 8 Distribution of Research and Development sector in which all Respondent Research Teams undertake S&T Research Activities

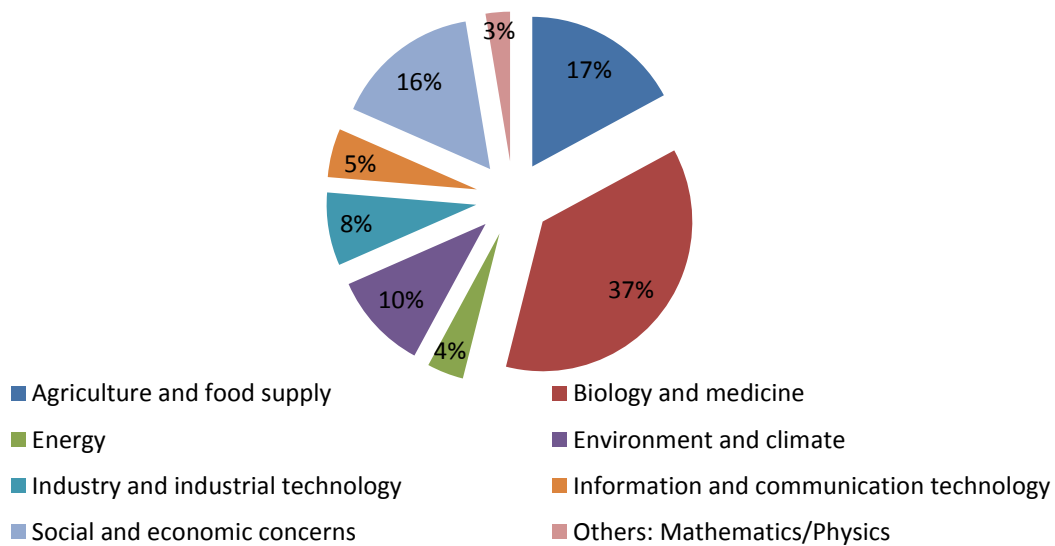
No teams surveyed in the entire Pacific-wide region have claimed to undertake research in the R&D sector Transport and Construction (Fig. 8). Some of the teams in the ACP, OCT, Australia and New Zealand, as well as in the regional development organizations, have selected multiple R&D sectors, demonstrating the multidisciplinary nature of their research projects (see Tables 3 and 8).

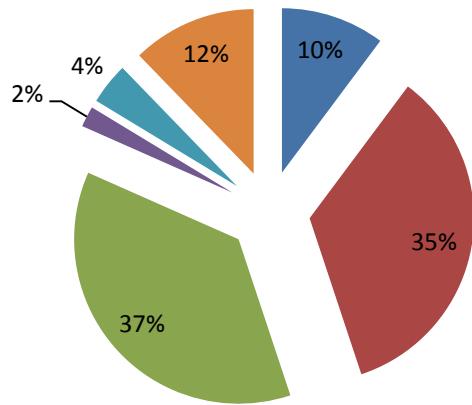
In the Pacific ACP region, most of the research teams' work is in the R&D sector of Biology and Medicine (37%) and Agriculture and Food Supply (17%). Significant research is also undertaken in areas of Environment including Climate Change (10%), Industry and Industrial Technology (8%) and Social and Economic Concerns (16%) in the ACP region, while research into energy and ICT remains small (Fig. 9A). In the Pacific OCT region, the majority of the research teams are working in the areas of Environment including Climate Change (37%) and in Biology and Medicine (35%), with considerable research also being carried out in the areas of Social and Economic Concerns (12%) and Agriculture and Food Supply (10%). Unlike in the ACP, no research at all in the energy sector is carried out in the OCT (Fig. 9B).

Of the research that is undertaken by the development agencies of the Pacific islands, the majority of research is related to Agriculture and Food Supply (48%) and Environment including Climate Change (42%) issues. Of the 12 teams at these organisations that have responded to Part 2 of Questionnaire No 1 (Table 3), nine teams claim to work in the Agriculture and Food Supply sector, and eight work in the Environment including Climate Change sector. It is worth mentioning that the security of food resources from the agriculture and fisheries sectors, which is impacted by environmental changes (especially climate change), is a major concern for all the PICs and territories. Thus the data collected here reflects the interdisciplinary nature of research undertaken within these development agencies. Other R&D sectors in which these

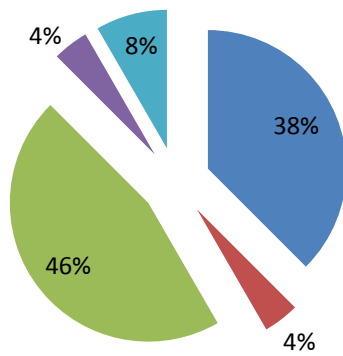
agencies undertake research, though this is minimal, include Biology and Medicine (5%) and Social and Economic Concerns (5%).

According to the data obtained, most of the research work done in Australia and New Zealand on Pacific-related projects relates to social and economic concerns (30%). Other significant research sectors include Environment including Climate Change (17%), Biology and Medicine (13%), Information and Communication Technology (13%), Energy (10%), and Agriculture and Food Supply (10%) and some research is carried out in the Industry and Industrial Technology sector (7%).





- Agriculture and food supply
- Environment and climate
- Information and communication technology
- Biology and medicine
- Industry and industrial technology
- Social and economic concerns



- Agriculture and food supply
- Environment and climate
- Social and economic concerns
- Biology and medicine
- Information and communication technology

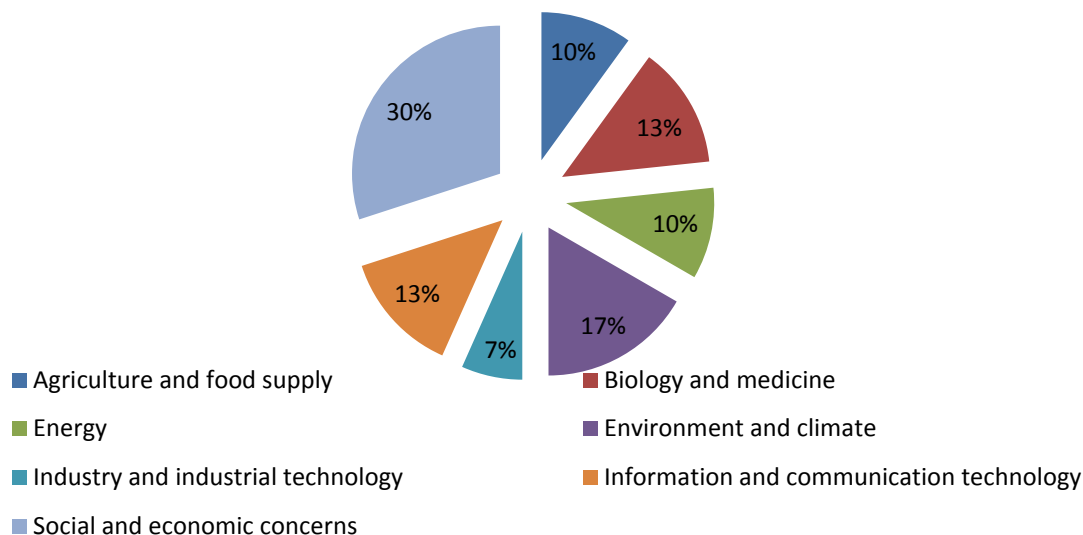


Fig. 9 Distribution of Research and Development Sectors in which Respondents' Research Teams, per region of location: (A) Pacific ACP, (B) Pacific OCT, (C) Regional Organisations and (D) Australia and New Zealand, undertake S&T research activities

When asked if these research teams collaborate with other research organisations, 97 out of the 145 research teams that participated in Part 2 of the questionnaire (Table 3) replied positively (88%), and 12 replied negatively (12%) (See Table 9). Regarding the question on the nature of this collaboration, 17% of the total respondent teams have indicated that they engage in local collaboration *i.e.* within their country for OCT and within the district for ACP, 23% in national collaboration *i.e.* between organizations in OCTs and France and within the country, 13% in intra-regional collaborations *i.e.* between organization based in the Pacific and 23% in international collaborations (Table 9 and Fig. 10).

Table 9 Number of Research Teams Collaborating with Other Research Organizations and Nature of these Collaborations

	ACP	OCT	Regional	Australia & New Zealand	Total
If research teams collaborate with other research organisations					
Yes	33	32	10	10	85
No	1	6	2	3	12
Total per region	34	38	12	13	97
% Response rate to the question	50	86	100	88	81
Nature of these Collaborations					
Local	28	27	6	5	65
National	24	24	13	4	63
Intra-regional	3	19	14	2	35
International	20	22	13	11	63
Interdisciplinary	15	21	8	5	47

However, closer inspection of the data collected as to the nature of collaboration for each of the four regions surveyed revealed certain irregularities. The question was presented with five multiple-choice options as answers, which seemed to have caused confusion amongst the respondents in the ACP region, Australia, New Zealand and in regional organisations. For example, 23% of research teams in the ACP organisations choose the option ‘national-level’ collaborations (Fig. 11). However, according to the definition – collaboration between organisations of New Caledonia or French Polynesia and France - the option ‘national-level’ collaboration is only applicable to those research teams that are located in the Pacific OCTs undertaking collaborative research work with its respective metropolitan organisations. Similarly, 24% and 15% of the research teams of regional organisations and Australian and New Zealand organizations (Fig. 11) also seem to have selected this option, potentially referring to the fact that they engage with their own National-level bodies like AusAID/NZAID or other government departments, or that they engage with other institutions in their own country. Forty seven research teams responded that they do engage in interdisciplinary collaboration.

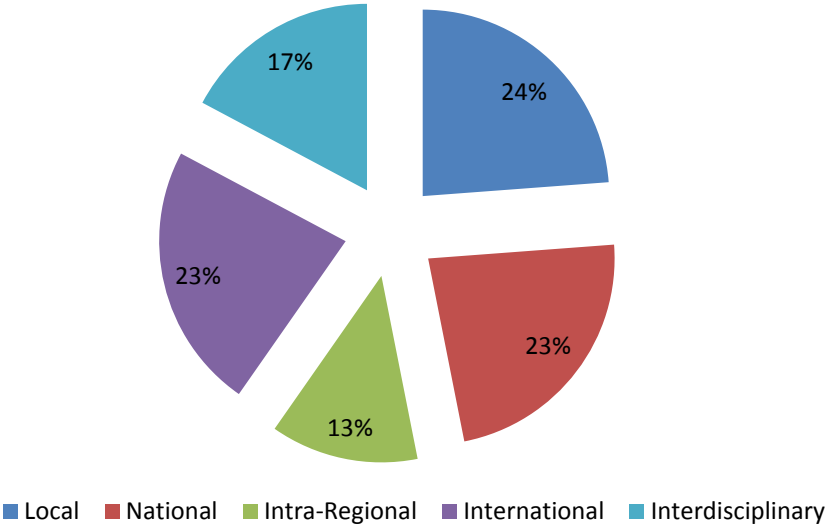
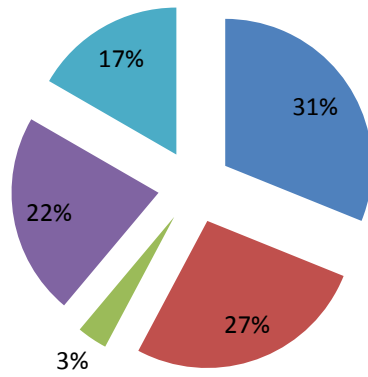
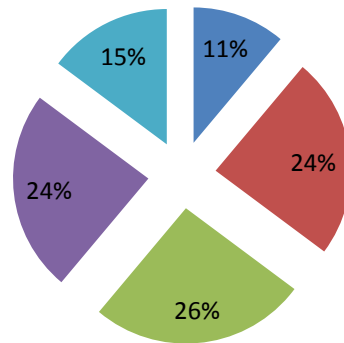


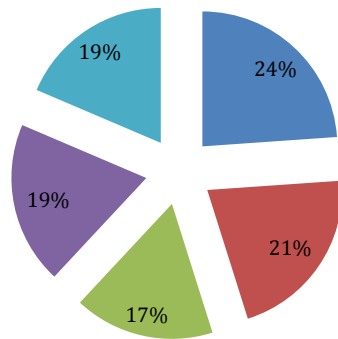
Fig. 10 Proportion of Respondent Research Teams Involved in Different Types of Collaboration in the Pacific



■ Local
 ■ National
 ■ Intra-Regional
 ■ International
 ■ Interdisciplinary



■ Local
 ■ National
 ■ Intra-Regional
 ■ International
 ■ Interdisciplinary



■ Local
 ■ National
 ■ Intra-Regional
 ■ International
 ■ Interdisciplinary

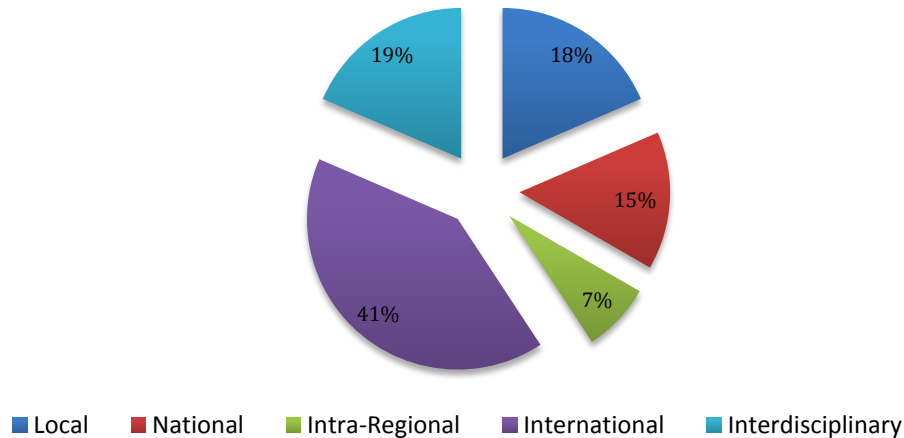


Fig. 11 Proportion of Respondent Research Teams Involved in Different Types of Collaboration, per region of location: (A) Pacific ACP, (B) Pacific OCT, (C) regional organisations and (D) Australia and New Zealand

C. *Q3: Information on Your Team`s Other Key Researchers*

This question seeks the names and the expertise of the researchers of respondent teams to inform the Task 1.2. A qualitative question, the responses are collated in the section annex for each region surveyed.

D. *Q4: Information on the Funding Partners of Research Partners and Reasons for Cooperation*

Q4 regroups two types of information in a matrix table; the first in the form of an open-ended question seeking to identify donor agencies or programmes of respondent research teams, and the second a closed question with multiple options to describe the possible reasons why and for which outcome(s) the research teams work with the donor agencies or programmes stated above. The analysis reported below provides this information. The overall response rate to Q4 is weak (39%), with the lowest participation from the ACP region (Table 10).

Despite the low response rate, the results pulled together from this question adequately reflect the situation of research in the Pacific islands and the needs and the vision of its researchers. From the response obtained, one can observe that the researchers engage in cooperation activities primarily to fund their research projects (17%), particularly the researchers from the ACP and OCT regions (Table 10 and Fig. 12).

The top five other reasons given by the researchers for engaging in cooperation activities that should be highlighted include: (1) to enlarge their network (14%); (2) to increase scientific publications (13%); (3) to assess new S&T knowledge (11); (4) to diffuse best practices (e.g. technique, knowledge) (11%); and (5) to increase the reputation of their organisation (9%) (Fig. 12). While the reasons 1, 2 and 5 are clearly to the advantage of recipients of funding (the

researchers), the percentage scores collated for the reasons 3 and 4 show the researchers adhere, and with equivalent importance, to the point of view of donors who hope their funds and projects have a lasting impact on partner countries through the assessment of knowledge and diffusion of best practice.

Moreover, the analysis also demonstrates the gaps that can be explored for future funding. Indeed, it appears that there is very little funding going toward the areas of exchange of students and research personnel, co-patenting activities, research capability-building and access to the research infrastructure of partners in the entire region (Table 10). These areas could appear on the agenda of future funding programmes for research in the region. For readers' further reference, the scores for reasons for cooperation per donor for each region surveyed has been tallied and presented in Tables 11-14.

Table 15 compiles the names of donor agencies and funding programmes that the respondent research teams have provided in response to Q4. The study shows the diversity of donor agencies or funding programmes that support researchers and their research projects of the Pacific island region. The 4 top donors that provide funding at regional-level include AusAID, the EU, the NZ Aid Programme, and the Government of France. At the local level, the top donor agencies include AFD and ANR that support research in the OCT. The top funding programmes at the regional-level include *Fonds Pacifique* and Conservation International that support research in OCT and in regional organizations. At the local-level, CRNT supports research in the OCT. The data collated in Table 12 shows that, in the OCT, research has strong institutional support compared to the countries in the ACP (Table 11).

Table 10 Total Score per Reason for Cooperation per Region

Reasons for Cooperation	Scores per reason and per region				Total Score per reason
	ACP	OCT	Regional organisations	Australia and New Zealand	
Access to new S&T knowledge	11	29	24	3	67
International exchange of students	3	7	2	1	13
International exchange of research personnel	8	8	13	1	30
Increase in your research capabilities (<i>e.g. training of own researchers</i>)	6	12	11	2	31
Access to research infrastructures of partners	2	13	11	4	30
To get funding for your research	19	58	24	4	105
To explore further for funding	13	4	7	3	27
Increase in co-patenting activities	1	3		2	6
Increase in scientific publications	3	60	6	9	78
Increase the reputation of your organisation	14	34	6	4	58
Enlarge network for further research	16	45	20	6	87
Diffusion of best practices (<i>e.g. technique, knowledge</i>)	15	21	28	5	69

Increased knowledge of bilateral and multilateral cooperation instruments	13		6		19
Total scores per region	124	294	158	44	620
No. of Research Teams Replied to the Question	6	23	14	5	48
% Response Rate to the Question	16	52	93	29	47.5

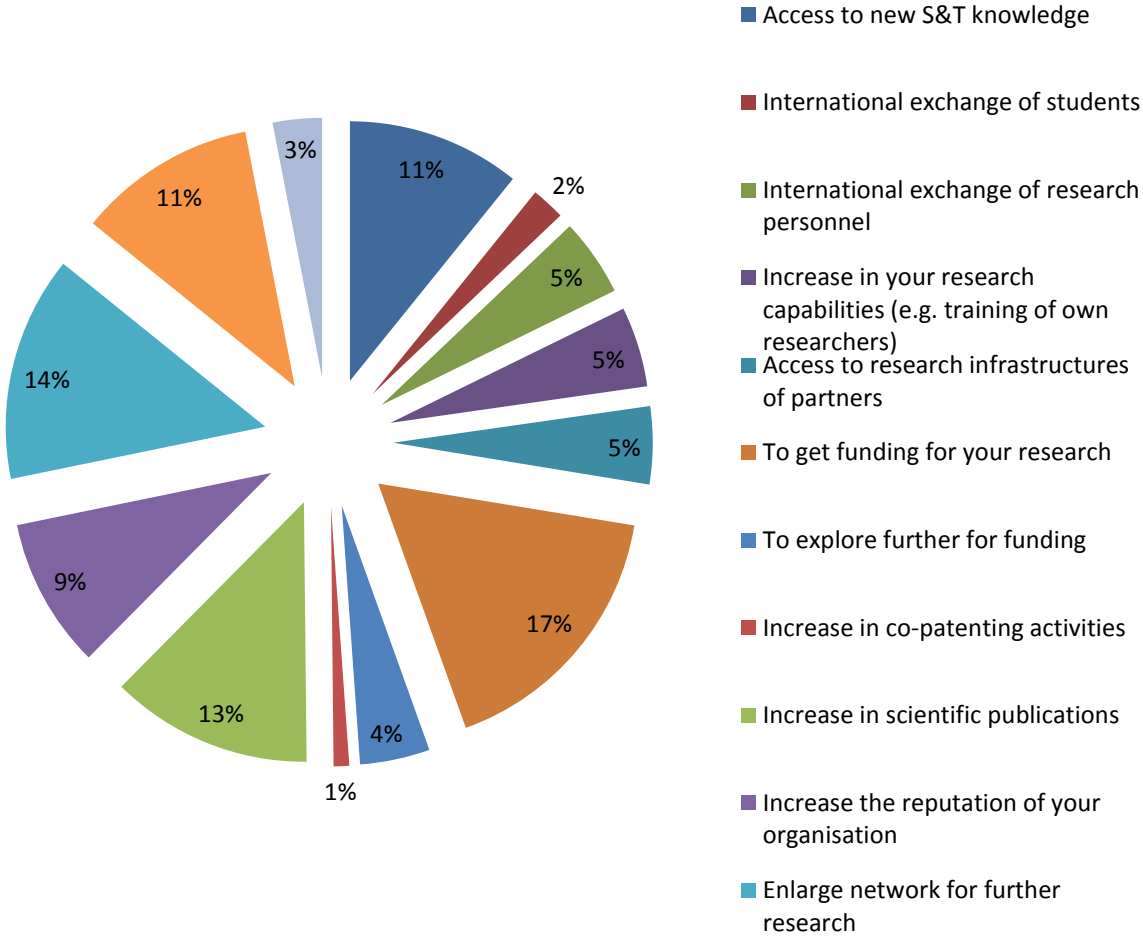


Fig. 12 Proportion of Scores Provided by All Respondent Research Teams for the Reasons for Cooperation

Table 11 Donor Agencies and Funding Programmes for S&T Research and the Scores per Reasons for Cooperation for the ACP Region

Reasons for Cooperation	Score per Donors in the ACP*																Total Score
	ADB	AusAID	CEPF	EU	FAO	FSC	GEF	GoF	GoS	GoT	GoTw	IUCN	JODA	NZ Aid Programme	SGCC	SPREP	
Access to new S&T knowledge		2	1	1		1	1	1				1	1	1	1		11
International exchange of students		1	1											1			3
International exchange of research personnel		1	1	1	1	1		1						1	1		8
Increase in your research capabilities (e.g. training of own researchers)		2	1		1				1					1			6
Access to research infrastructures of partners			1						1								2
To get funding for your research		3	1	1	2	1		1	1	1	1	2	1	2	1	1	19
To explore further for funding	1	3	1		1		1		1	1		2	1	1			13
Increase in co-patenting activities									1								1
Increase in scientific publications		1	1						1								3
Increase the reputation of your organisation	1	3	1		1		1		1	1		2	1	2			14
Enlarge network for further research	1	3	1	1	1	1	1			1		2	1	2	1		16
Diffusion of best practices (e.g. technique, knowledge)	1	2	1		2	1	1			1		2	1	2	1		15
Increased knowledge of bilateral and multilateral cooperation instruments	1	3	1		1		1			1		2	1	2			13
Total score per donor	5	24	12	4	10	5	6	3	7	6	1	13	7	15	5	1	124
Number of research teams in the ACP region that responded to this questions	7																

* ADB - Asian Development Bank; AusAID – Australian Aid for International Development; CEPF - Crystal Ecosystem Partnership Fund; EU - European Union; FSC - Fiji Sugar Cooperation; FAO - Food and Agriculture Organisation; GEF - Global Environment Fund; GoF - Government of Fiji; GoS - Government of Samoa; GoT - Government of Turkey; GoTw - Government of Taiwan; IUCN - International Union for Conservation of Nature; JODA - ; NZ Aid Programme; SCGC - Sugar Cane Growers Council; SPREP - Secretariat of the Pacific Regional Environment Programme

Table 12A Donor agencies and funding programmes for S&T research and the scores per reasons for cooperation for the OCT region

Reasons for cooperation	Score per donors in the OCT*																							Total Score			
	AFD	ANR	CHPF	CI	CIFRE	CNES	CNRT	CORIOLIS	CPER	EDF	ENC	FFEM	FP	FRB	FRP	GATES	GDR	GFP	Global Health	GoFr	GoFP	GoK	GoNC		GoUSA	GoWF	GOPS
Access to new S&T knowledge	1	5	1				1		1	2			3			1	1			2	1	1	1				21
International exchange of students			1							1										1							3
International exchange of research personnel		1							1	1						1	1										5
Increase in your research capabilities (e.g. training of own researchers)		2					1			2			1							1	1		2				10
Access to research infrastructures of partners		4					2		1				1				1				1						10
To get funding for your research	4	7		1	1	2	4	1		1		1	6			1			1	4	1		4	1	1	1	42
To explore further for funding		1							1	1																	3
Increase in co-patenting activities																											
Increase in scientific publications	3	7			1	2	2	1		3			1	1		1	1	1		2	7	1	3	1	1	1	40
Increase the reputation of your organisation	2	4		2	1		1			3		2	2		1	1			1		2	1	2		1		26
Enlarge network for further research	1	5			1		2		1	1			4		1	2	1		1	2	4		1			1	28
Diffusion of best practices (e.g. technique, knowledge)	4						2			3			3	1		1	1					1					16
Increased knowledge of bilateral and multilateral cooperation instruments																											
Total score per donor	15	32	2	3	4	4	15	2	5	18	3	21	2	2	8	6	1	3	12	17	4	13	2	3	3	204	
Number of research teams in the OCT region that responded to this questions	25																										

* AFD – Agence Francaise de Developpement; ANR – Agence Nationale de la Recherche; CHPF; CI - Conservation International; CIFRE – Convention Industrielle de Formation par la Recherche; CNES; CNRT - Centre National de Recherche Technologique ‘Nickel et son environnement’; CORIOLIS; CPER; EDF; ENC - Entreprise Mineral; FFEM; FP - Fonds Pacifique; FRB; FRP; GATES; GDR; GFP; Global Health; GoFr – Government of France; GoFP – Government of French Polynsia; GoK – Government of Korea; GoNC – Government of New Caledonia ; GoUSA – Government of United States; GoWF – Government of Wallis and Futuna; GOPS - Grand Observatoire de l’environnement et de la biodiversité terrestre et marine du Pacifique Sud

Table 12B Donor Agencies and Funding Programmes for S&T Research and the Scores per Reasons for Cooperation for the OCT Region

Reasons for Cooperation	Score per Donors in the OCT*																							Total Score		
	IFB	IFRECOR	INSU	IC	IRD	KNS	MAE	Mercator	MINRT	MOM	Moore Foundation	NIH	NOAA	NSF	PASTUER	PNC	SPC	SEOM	UBO	UBP	UMZ	UN	WCRP		WWF	ZoNeCo
Access to new S&T knowledge			1			1			1	1		1						1	1		1					8
International exchange of students							1												1		1	1				4
International exchange of research personnel							1		1			1														3
Increase in your research capabilities (e.g. training of own researchers)																		1					1			2
Access to research infrastructures of partners							1		1									1								3
To get funding for your research		1	3	1	1	1		1		2			1					1	1			1	1		1	16
To explore further for funding									1																	1
Increase in co-patenting activities				1	1								1													3
Increase in scientific publications	1	1	2		1			1	1	1	1	1		1	1		1	1		1	1	1	1	1	1	20
Increase the reputation of your organisation				1	1		1					2	1						1		1					8
Enlarge network for further research			3	1	1	1	1			1	1	1	1		1			2	1		1	1				17
Diffusion of best practices (e.g. technique, knowledge)						1			1			1				1		1								5
Increased knowledge of bilateral and multilateral cooperation instruments																										
Total score per donor	1	2	9	4	5	4	5	2	6	5	2	7	4	1	2	1	1	8	5	1	5	4	3	1	2	90
Number of research teams in the OCT region that responded to this questions	25																									

* IFB; IFRECOR – Initiative Francaise pour le Recif Corallien; INSU ; IC - Institut Cawthron; IRD – Institut de Recherche pour le Developpe;ent; KNS; MAE; Mercator; MNRT; MOM; Moore Foundation; NIH; NOAA - National Oceanic and Atmospheric Administration; NSF; PASTUER; PNC; SPC; SEOM; UBO; UBP; UMZ; UN; WCRP; WWF; ZoNeCo - Zone Economique de Nouvelle-Caledonie

Table 13 Donor Agencies and Funding Programmes for S&T Research and the Scores per Reasons for Cooperation for the Regional Organisations

Reasons for Cooperation	Score per Donors in the Regional Organisations*																							Total Score				
	ADB	AusAID	CF	CI	EU	FAO	FFA	FP	GCDT	GEF	GF	GoFr	GoTw	KOICA	NZAID	NOAA	PFRP	GoUSA	TAF	UNFPA	UNDP	UNISDR	WB		TAIWA	WCPFC		
Access to new S&T knowledge	2	5	1	1	6	1		1	1	1	1	1	1	1	3			1				1	1	1	1	2	21	
International exchange of students	1	1			1					1					2										1		1	
International exchange of research personnel	1	4		1	2			1		2		1			3								1	1	1		11	
Increase in your research capabilities		3		1	3				1			1				1				1	1		1				9	
Access to research infrastructures of partners		3	1		1						1	1			3				1		1					1	10	
To get funding for your research	2	7	1	2	6	1	1	1		2	1	1			3	1	1				1	1	1	1	1	1	21	
To explore further for funding	1	3		1	2					1	1				2					1					1		5	
Increase in co-patenting activities																												
Increase in scientific publications	1	3			3					1					2	1					1					1	4	
Increase the reputation of your organization	2	4			2					1					2				1	1		1	1	1	1		4	
Enlarge network for further research	2	5	1	1	5	1		1	1	2				1	4	1		1	1		1	1	1	1	1	2	17	
Diffusion of best practices	2	8	1	1	6	1		1	1	2		2	1	1	3			1	1			1	1	1	1	2	25	
Increased knowledge of bilateral and multilateral cooperation instruments	1	2			2		1													1	1	1	1	1	1	1	4	
Total score per donor		34	5	8	17	4	2	5	4	5	3	7	2	3	14		1	3								1	1	132
Number of research teams of regional organisations that responded to this questions	11																											

* AusAID - Australia Aid for International Development; CF - Clanstense Fund; CI - Conversation International; EU - European Union; FP - Fonds Pacifique; FAO - Food and Agriculture Organization; GoFr – Government of France; GCDT – Global Crop Diversity Trust; GEF - Global Environment Fund; GF- Global Fund; KOICA – Korea International Cooperation Aid; NZAID – New Zealand Aid for International Development; FFA – Pacific Islands Forum Fisheries Agency; PFRP - Pelagic Fisheries Research Programme; GoTw – Government of Taiwan; UNFPA - United Nations Population Fund; WCPFC - Western and Central Pacific Fisheries Commission

Table 14 Donor Agencies and Funding Programmes for S&T Research and the Scores per Reasons for Cooperation for the Respondent Australian and New Zealand Research teams

Reasons for Cooperation	Score per Donors of Australian and New Zealand Organisations *												Total Score
	ANZF	AMIC	CEPF	HRC	NZ Aid Programme	Rotary	PCDT	PF	US	USP	UNESCO	WHO	
Access to new S&T knowledge	1		1		1								3
International exchange of students	1												1
International exchange of research personnel						1							1
Increase in your research capabilities						1						1	2
Access to research infrastructures of partners			1		1	1						1	4
To get funding for your research			1	1								2	4
To explore further for funding					1							2	3
Increase in co-patenting activities			1		1								2
Increase in scientific publications		1	1	1	1	1		1		1	1	1	9
Increase the reputation of your organization			1			1						2	4
Enlarge network for further research			1		1	1	1					2	6
Diffusion of best practices (<i>e.g. technique, knowledge</i>)	1								1		1	2	5
Increased knowledge of bilateral and multilateral cooperation instruments													
Total score per donor	3	1	7	2	6	6	1	1	1	1	2	13	44
Number of research teams in the Australia and New Zealand that responded to this questions	6												

* ANZF - Asia New Zealand Foundation; AMIC - Australian Meat Industry Council; CEPF - Critical Ecosystem Partnership Fund; HRC -Human Rights Campaign; NZ AID Programme; Rotary - New Zealand Rotary Club; PCDT - Pacific Conservation Development Fund; PF - Pacific Foundation; USP - University of the South Pacific; UNESCO - United Nations Educational, Scientific and Cultural Organization; WHO - World Health Organization

Table 15 Listed Donor Agencies and Funding Programmes for S&T Research in the Pacific and the Number of Research Teams per Region and Overall that are Supported by these Donors and Programmes

Donor Agencies and Funding Programmes	Number of Research Teams Supported				
	ACP	OCT	Regional Organisations	Australia and New Zealand	Overall
1. ADB	1		2		3
2. AFD		4			4
3. AMIC				1	1
4. ANR		7			7
5. ANZF				1	1
6. AusAID	3		6	3	12
7. CEPF	1			1	1
8. CHPF		1			1
9. CI		2	2		4
10. CIFRE		1			1
11. CF			1		1
12. CNES		2			2
13. CNRT		4			4
14. CORIOLIS		1			1
15. CPER		1			1
16. EU/ EDF	1	3	4	2	10
17. FAO	1		1		2
18. FFA			1		1
19. FFEM		2	1		3
20. FP		6	1		7
21. FRB		1			1
22. FRP		1			1
23. FSC	1				1
24. GATES		2			2
25. GCDT			1		1
26. GDR		1			1
27. GEF	1		2		3
28. GF			1		1
29. GFP		1			1
30. Global Health		1			1
31. GoF	1				1
32. GoFr		4	1		5
33. GoFP		7			7
34. GoK/KOICA	1	1	1		3
35. GoNC		4			4
36. GoS	1				1
37. GoT	1				1
38. GoTw	1		1		2
39. GoUSA		1	1	1	3
40. GoWF		1			1
41. GOPS		1			1
42. HRC				1	1
43. IC		1			1
44. IFB		1			1
45. IFRECOR		1			1
46. INSU		3			3
47. IRD		1			1
48. IUCN	2				1

49. KNS		1			1
50. JODA	1				1
51. MAE		1			1
52. Mercator		1			1
53. MNRT		1			1
54. MOM		2			2
55. Moore Foundation		1			1
56. NIH		2			2
57. NOAA		1	1		2
58. NSF		1			1
59. NZ AID Programme	2		2	2	6
60. PASTUER		1			1
61. PCDT				1	1
62. PF				1	1
63. PFRP			1		1
64. PNC		1			1
65. Rotary				1	1
66. SEOM		2			2
67. SGCC	1				1
68. SPC		1			1
69. SPREP	1				1
70. TAF			1		1
71. Taiwan			1		1
72. UBO		1			1
73. UBP		1			1
74. UMZ		1			1
75. UN		1	1		2
76. UNESCO				1	1
77. UNISDR			1		1
78. UNFPA			1		1
79. USP				1	1
80. WB			1		1
81. WCRP		1			1
82. WCPFC			2		2
83. WHO				2	2
84. WWF		1			1
85. ZoNeCo		1			1
Total	21	90	29	14	154

E. *Q5: Familiarity and Your Experience with FP 7*

Q5 includes a set of contingency questions on the familiarity and experience of researchers with the FP7, which is the EC's primary funding instrument for S&T research. The percentage response rate to Q5 is just below 50% of the total participation rate in Part 2 (Tables 3 and 16). Despite the low response rate, the results obtained with Q5 are pertinent and reflect well the situation in the Pacific Islands with regard to FP7.

Of the 74 out of the total of 154 research groups that responded to Q5, only 20 (or 27%) declared to know or have heard about the FP7, while 73% replied that they were unaware of this funding programme. Despite the low response rates, one can note from Fig. 13 that, out of 20 respondents who acknowledge the existence of FP7, an overwhelming proportion

(60%) were from the Pacific OCT. It should be noted the OCT surveyed included mostly researchers from New Caledonia and French Polynesia. These countries are French territories and are, therefore, special member state territories of the EU. It is hence not surprising that the researchers in those countries are aware of EU programmes like the FP7.

A further question on the participation of respondent research teams to any FP7 calls revealed that only 5 teams out of 20 who had declared familiarity with the FP7 had previously submitted research project proposals to FP7. This included 2 teams from the OCT and 3 from Australian and New Zealand. Of these five, only 3 responded to the next question, which shows that these 3 teams were able to participate to FP7 calls via their international networks.

Further questions revealed that the proposals of only 2 teams, both from the OCT, were successful and received funding from FP7. When questioned on the difficulties or the obstacles that the researchers face in being involved in FP7 calls, 20 researchers responded, selecting the following options in the ascending order of scores pooled together from the different regions: poor knowledge on rules to receive funding; poor information on FP 7; no contacts with EU research institutions; difficulties in having the Participant Identification Code; difficulties in finding information; poor knowledge of submission rules; and difficulties in writing research projects (see Table 16 for the scores for each question of Q5).

The different information collected in Q5 demonstrates a general ignorance of the existence of EC's funding instrument, FP7 in the Pacific, particularly amongst researchers of Pacific ACP organisations and regional organisations. This result further confirms the need to undertake outreach activities to raise awareness on FP7. Further analysis reveals that the participation by Pacific researchers to the FP7 call is extremely low, and that this could be increased by better dissemination of information on the various aspects of FP7, *e.g.* the rules on receiving funds, the rules for submission, and details on how and where to find information.

Table 16 Compilation of Information Provided by Researchers on Familiarity and Experience with FP7 and Percentage Response Rate

Questions within Q5:	Scores per Region				Total Score
	ACP	OCT	Regional organisation	Australia & New Zealand	
Are you familiar with FP7?					
Yes	1	12	2	5	20
No	23	16	13	5	54
Total participation to Q5	24	38	15	10	74
% response rate to Q5	33	86	100	58	70
Were you involved in any FP7 calls?					
Yes	0	2		3	5
No	44	15	5	6	70
How were you involved in the proposal to FP7?					
Previous contacts with EU researchers					

Participation in an international network		1		2	3
Direct contact with the coordinator					
Was the proposal successful?					
Yes		2			2
No				2	2
What were the difficulties you faced in being involved in the FP 7?					
Poor information on FP 7	1	1		3	5
Poor knowledge on rules to receive funding	1	1		3	5
Difficulties in finding information		1		1	2
Poor knowledge of English language					
Poor knowledge on submission rules		1		0	1
Difficulties in having the Participant Identification Code	1			2	3
No contacts with EU research institutions		1		3	4
Difficulties in writing research projects		1			1

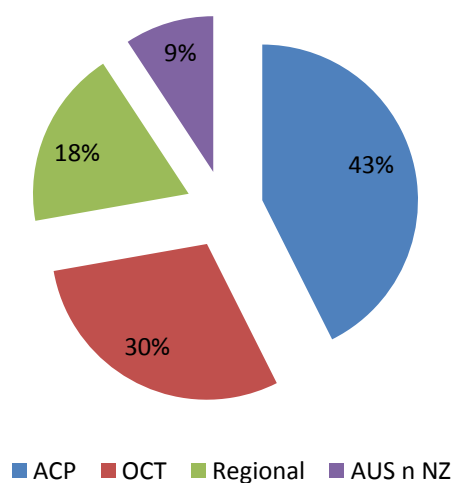


Fig. 13 Proportion of respondent researchers from different regions who claim to know the FP7

F. Q6: Description of Your Major S&T Research Projects, On-going and/or Concluded, Undertaken in the Years 2008 to 2010

Q6 was added to Part 2 of the Questionnaire No 1 and 2 to inform the Tasks 1.3.1 (List of significant research projects undertaken in the area of S&T) and 1.3.2 (Publication in English and French detailing significant research projects undertaken in the area of S&T) of PACE-Net. A matrix question, Q6 regroups a number of details on the research projects of the respondent research teams. The respondent researchers were requested to provide the titles, duration, funding source(s) and amount, and resumes of their recently completed and on-going research projects, as well as the collaboration they may have with other research organisations within the framework of these projects.

The investigators note that all 154 respondents inventoried for Part 2 of the questionnaire have provided the titles of their various research projects, even if they did not participate in the rest of the questions of Q6. The percentage response rate to the different questions within Q6 is varied, however, the investigators have noted generally a high participation rate for all key questions of Q6 (see Table 17 for Percentage Response Rates for Each Key Questions). As such a total of 383 research projects have been inventoried in the Pacific region (Table 17), with the highest proportion coming from the ACP and OCT regions (44%) (see Fig. 14). Regarding the area of Australia and New Zealand, all the information for Q6 are from New Zealand since none the Australian research teams that participated in the other questions in Part 2 of questionnaire filled in Q6.

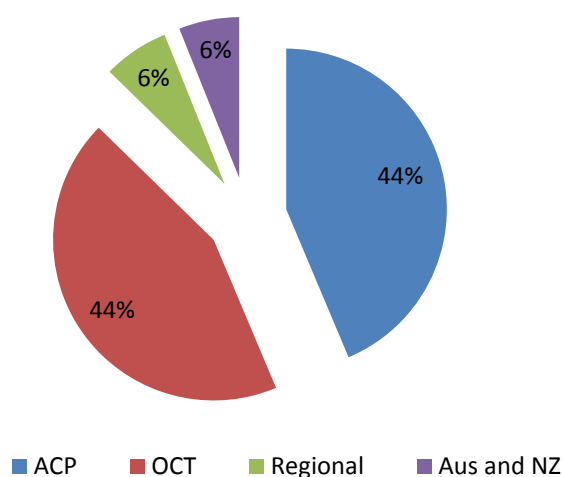


Fig. 14 Proportion of Research Projects Inventoried from the Different Regions Surveyed

Table 18 collates the data on the R&D sectors of the research projects. One can note from Table 17 that the response to the question pertaining to the R&D sector of research projects is fairly high (overall of 93%). The total score of 524 calculated in Table 18 demonstrates

that the research projects undertaken in the Pacific Island region are multidisciplinary, linking two or more R&D sectors.

The pie chart (Fig. 15) extracted from Table 18 shows that the predominant area in which S&T research is undertaken in and for the Pacific Island region is Environment including Climate Change (39%). Biology and Medicine (25%) and Agriculture and Food Supply (13%) are also R&D sectors in which a large proportion of research is undertaken. A few projects address the areas of Industry and Industrial Technology (7%), Social and Economic Concerns (7%) Energy (4%) and Information and Communication Technology (3%). It is worth noting that the results in Fig. 15 correspond to those obtained for the R&D sectors of research teams in Fig. 8. As noted earlier with the research teams, no research projects in the Transport and Construction R&D sector in the entire region were documented in the survey responses.

Table 17 Research and Development Sector in which the Inventoried Research Projects are or were undertaken

Key questions within Q6 on the research projects	Number of Responses per Region				Total
	ACP	OCT	Regional Organisation	Australian and New Zealand	
Title of the project:	165	165	30	23	383
% response rate relative to participation to part 2 of the questionnaire no 1 and 2	100	100	100	100	100
R&D sector of the project :	159	156	29	19	363
% response rate to the first question of Q6	96	95	97	83	93
Names of research organisations collaborating on the project:	63	122	23	6	214
% response rate to the first question of Q6	39	74	77	26	54
Name of all funding source(s) of the project:	145	145	27	14	331
% response rate to the first question of Q6	88	88	90	61	82
Type of funding for the project:	160	146	28	16	360
% response rate to the first question of Q6	97	88	93	70	87
Amount allocated for the entire duration of the project:	146	140	18	15	319
% response rate to the first question of Q6	89	85	60	65	75
Resume of the project:	117	125	17	22	281
% response rate to the first question of Q6	71	76	56	96	75
Relevant scientific articles resulting from the project:	110	54	11	2	177
% response rate	67	33	36	9	145

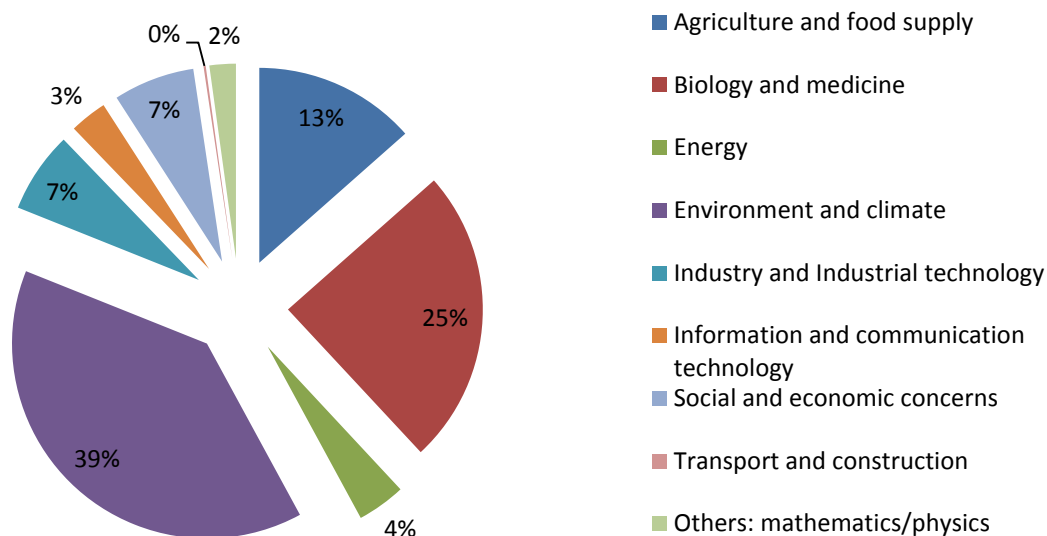


Fig 15 Overall Distribution of Research and Development Sector of the Research Projects

In the Pacific ACP region, a total of 165 projects were registered for the ACP countries, of which 103 projects were from USP (table 17). According to the overall scores collected, the majority of the research projects are undertaken in the R&D sector of Environment including Climate Change (29%), followed closely by Biology and Medicine (26%) and Agriculture and Food Supply (17%) (see Fig. 16A). When these proportions are compared to those obtained from research teams (Fig. 9A), the proportion for the R&D section Environment including Climate Change for research projects has more than doubled *i.e* from 22% in Fig 9A to 29% in Fig. 16A. This increase can be explained by the cross-cutting nature of the R&D sector Environment and Climate Change. Environment and Climate Change are now more and more associated with the other issues, such as health, energy, and food security, as well as social and economic concerns. It may also indicate that the research teams in the Environment including Climate Change area are very active in developing and implementing research projects.

The proportions of the sectors Biology and Medicine and Agriculture and Food Supply changed only slightly. On the contrary, a significant reduction (3x) in proportions between research teams and research projects was observed for the R&D sector Social and Economic Science. This may be explained by the nature of the research projects in this area, which are fundamentally different from those of pure science and therefore may be more difficult to put in place than those of pure science. However, it may also indicate that there are fewer research projects for a given number of research teams in the area of Social and Economic Science and that there may be a gap. This gap would translate into potential for PACE-Net to assist research projects in this area either via further funding or by creating greater collaborations. These possibilities can be explored in one of the three platforms that PACE-Net intends to organise.

Another small yet significant R&D sector in which research projects seems to be undertaken in the Pacific ACP includes Industry and Industrial Technology (10%), while the Energy and ICT sectors remains quite small (Fig. 16A). The proportions of these three sectors changed only slightly from that of Fig. 9A.

Table 18 Compilation of Information Provided by Researchers on their Research Projects and Percentage Response Rate for each Question Asked

Research and Development Sector	Scores for R&D sector in which Research Projects are Undertaken per Region				Total score per R&D Sector
	ACP	OCT	Regional Organisation	Australian and New Zealand	
% response rate to the first question of Q6	100	95	96	83	96
Agriculture and food supply	49	7	15	3	74
Biology and medicine	75	54	2	4	119
Energy	18	1	0	3	22
Environment and climate	84	108	17	5	207
Industry and Industrial technology	27	8	0	2	37
Information and communication technology	13	0	0	4	17
Social and economic concerns	15	12	1	9	35
Transport and construction	1	0	0	0	1
Others: mathematics/physics	12	0	0	0	12
Total score per region	294	190	35	30	524

In the Pacific OCT region, the vast majority of inventoried research projects address the Environment including Climate Change sector (57%), followed by Biology and Medicine (28%) and there are only a few research projects in the areas of Social and Economic Concerns (6%), Agriculture and Food Supply (4%), Industry and Industrial Technology (4%) and Energy (1%) (Fig. 9B). One can compare the data for the R&D sector Environment including Climate Change from the Figs. 9B and 16B, and observe an increase from 37% of research teams working in the sector to 57% of research project being classed in that sector. A small decrease in the proportion between Figs 9B and 16A was observed for the Biology and Medicine sector, while a considerable decrease (2x) was seen for the Social and Economic Science sector, from 15% in Fig. 9B to 6% in Fig 16B. These tendencies closely reflect those of the ACP region and can be used by PACE-Net to create greater cohesion between the research groups of the two regions in these R&D sectors. Comparable to Pacific ACP countries, the OCT also do not appear to undertake any research projects in the R&D sector Transport and Construction. However, on the contrary to the Pacific ACP countries, the French OCT appear to have no research projects in the ICT sector, despite the data obtained in Fig 9B showing that 4% of the research teams from the OCT are working in this area.

With regard to the regional organisations, the pie chart obtained for the R&D sectors of the research projects undertaken (Fig 16C) is very similar in profile and percentages to that of Fig 9C on the R&D sectors of research teams. The regional organisations primarily have research projects that address the R&D sectors of Environment including Climate Change (48%) and Agriculture and Food Supply (43%). Compared to the ACP and OCT regions, the regional organisations place a lot emphasis on the Agriculture and Food Supply sector.

Other sectors in which research projects are undertaken include Biology and Medicine (6%) and Social and Economic Concerns (3%).

Based on the data obtained with regard to the nature of research projects in Australia and New Zealand, we can remark that the research that is undertaken in Australia and New Zealand for the Pacific Island region is primarily focused on the Social and Economic Concerns R&D sector (30%). Other significant sectors include Environment including Climate Change (17%), Biology and Medicine (13%), ICT (13%), Energy (10%), and Agriculture and Food Supply (10%), and some research is carried out in the Industry and Industrial Technology Sector (7%) (Fig. 16D). Data collected on the proportion of R&D sectors in which research is carried out in the Australia and New Zealand region is identical to the proportion of R&D sector data collected from the research teams (Fig. 9D). The total number of survey responses is however very low, due to challenges with survey administration as previously discussed, and suggests that this makeup would likely change as greater numbers of projects are inventoried.

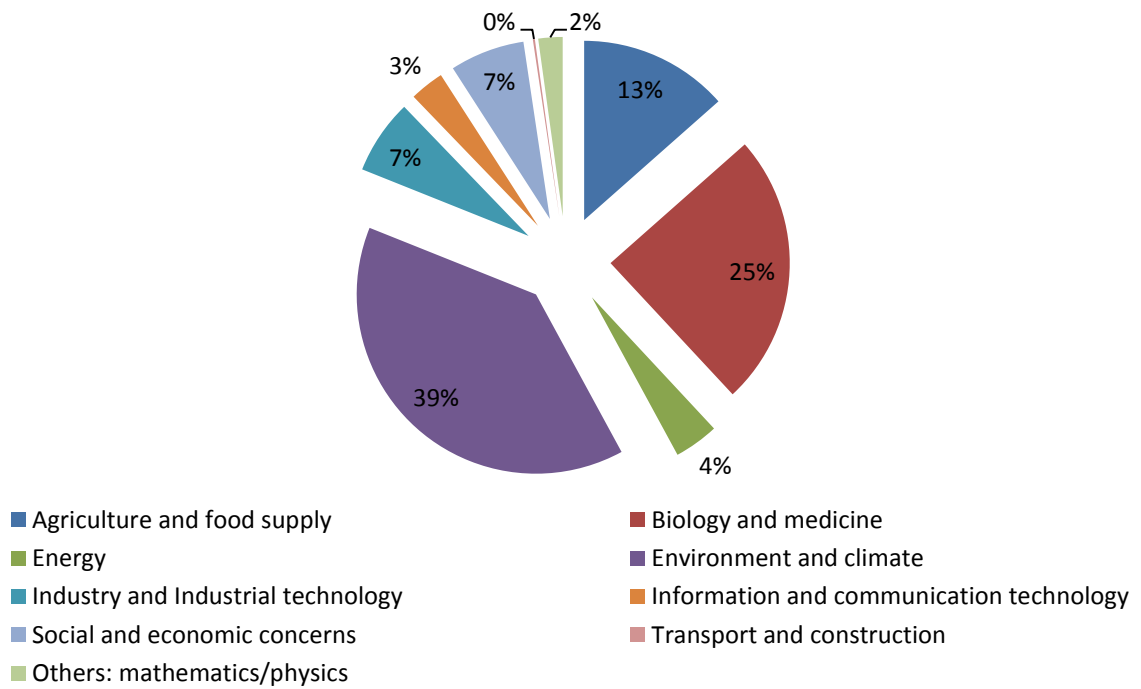
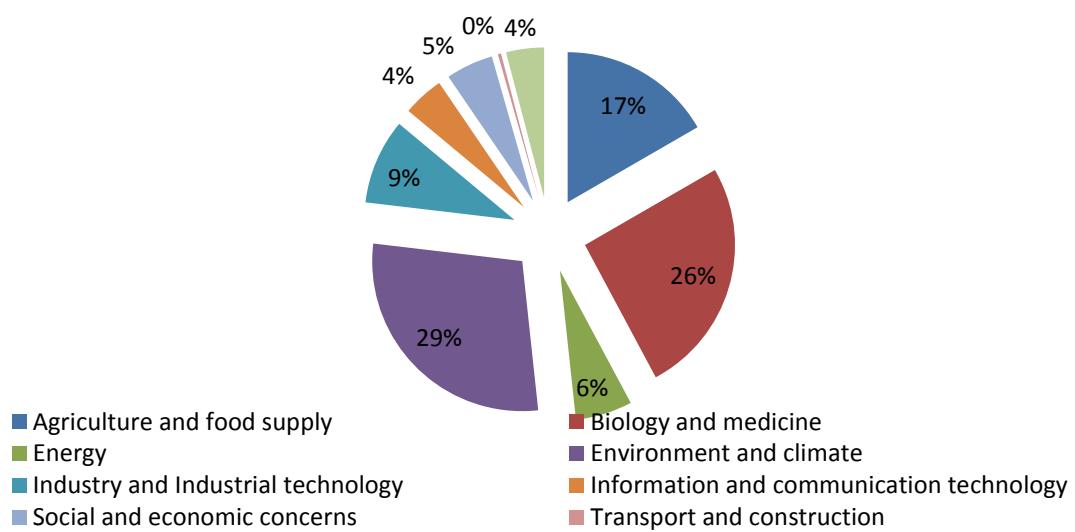
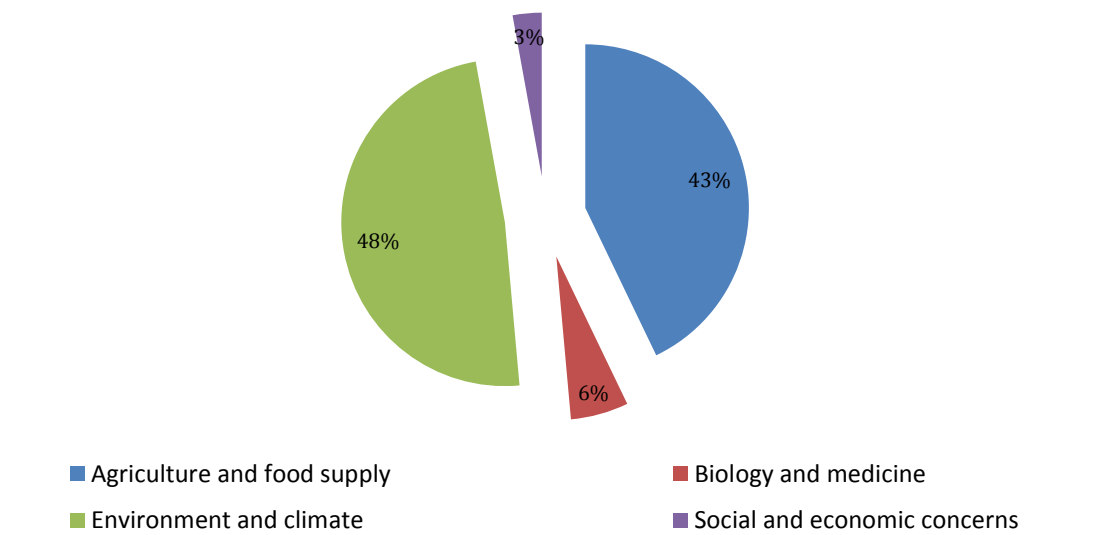
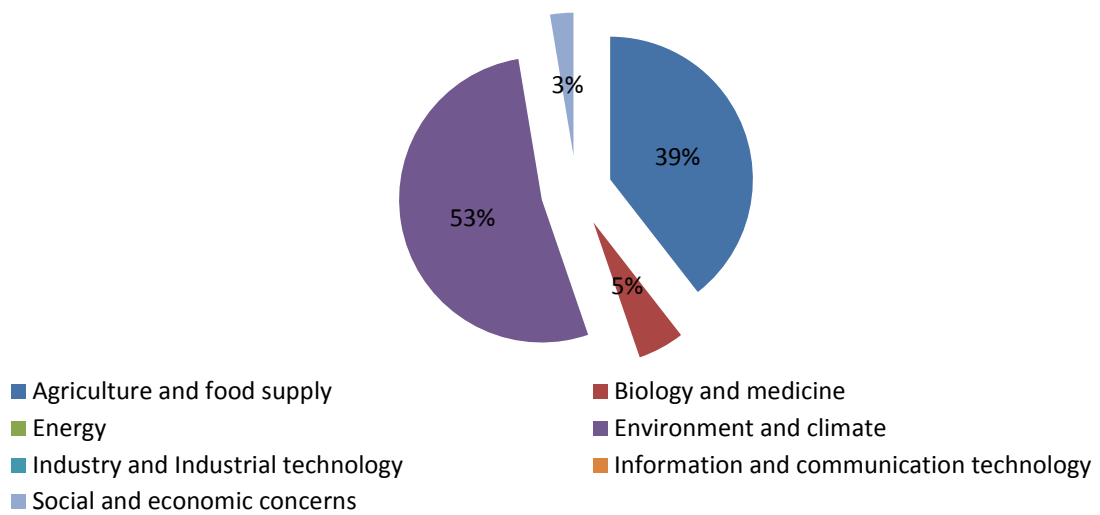
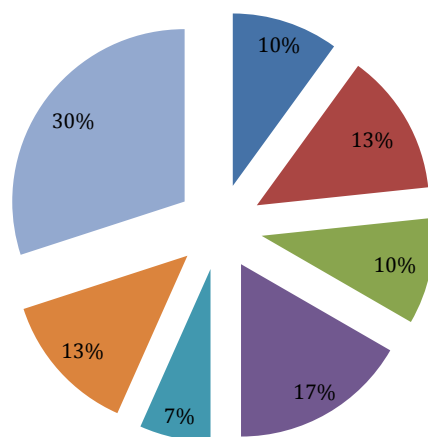


Fig 16 Distribution of Research and Development Sectors of the Inventoried Research Projects in Total







- Agriculture and food supply
- Biology and medicine
- Energy
- Environment and climate
- Industry and Industrial technology
- Information and communication technology
- Social and economic concerns

Fig 17 Distribution of Research and Development Sector of the Inventoried Research Projects per region: (A) ACP; (B) OCTs; (C) regional organisation and (D) Australia and New Zealand

Table 19 Sources of Donor Funding for Research Projects of and for the Pacific Islands

Type of Funding	Score for Source of Funding for Research Projects per Region				Total score
	ACP	OCT	Regional Organisation	Australian and New Zealand	
% response rate to the first question of Q6	99	88	92	70	91
Federal government		43	1		44
National government	61	98	3	11	151
State government					0
Provincial government		31			31
Local government	1	10			11
Regional Organization	1	4	5		10
Enterprises		23	1		24
Associations		2			2
Foundations	1	5			6
IGOs	1		10		11
NGOs	1		4	1	6
Bilateral Donors:	17	3	15		32
Multilateral Donors:	7	11	11	2	28
Others: USP Research	100				100
Total					478

Table 16 shows the scores collated for the sources of funding for research projects of the respondent research teams. The investigators acknowledge the options provided with this multiple choice question to the respondent have caused confusion, as certain options provided were redundant, *e.g.* the choice between the options: 'multi-lateral donors,' and 'IGOs'; between 'NGOs' and 'associations'; and between 'IGOs' and regional organisations is not clear as IGOs and NGOs can both be included as multilateral donors, associations are also known as NGOs, and IGOs, in the Pacific, are often termed 'regional organisations'. Similarly there seems to be confusion between 'federal' and 'national'; this should have been defined in the questionnaire. Therefore the scores collated are not precise for all options.

Nonetheless, the analysis shows that research in the Pacific Islands is funded from several sources, including institutional, private sector, civil sector, and bi-lateral and multi-lateral donors. This shows that the stakeholders from different sectors of society more or less support S&T research in the Pacific Island region. The pie chart (Fig. 18) illustrates that 36% of the research projects for the Pacific Islands in the entire Pacific region surveyed have government funding. It should be noted that the research projects from the ACP are mostly collated from research teams at USP and, according to the scores obtained, these projects are mainly funded by the organisation itself. Hence, USP funds 21% of the overall surveyed research projects in the region. This indicates, as mentioned earlier for Q4, that there is a stronger institutional support for S&T research in the OCTs as compared to the Pacific ACP countries. Other non-negligible donors for research projects in the region include bilateral (7% of the projects) and multilateral donors that can include IGOs, NGOs, regional organisations and associations (5%), as well as the private sector (5%). Bilateral donors support only 2% of research.

One can observe that the private sector in OCTs is quite an active stakeholder in S&T research (10%) as compared to the ACP countries, where no scores for the private sector were observed. (Fig 18 A and B). Furthermore bilateral donors fund a larger number of research projects of the Pacific ACP countries (17 projects) and the regional organisations (12) than in the OCT (3).

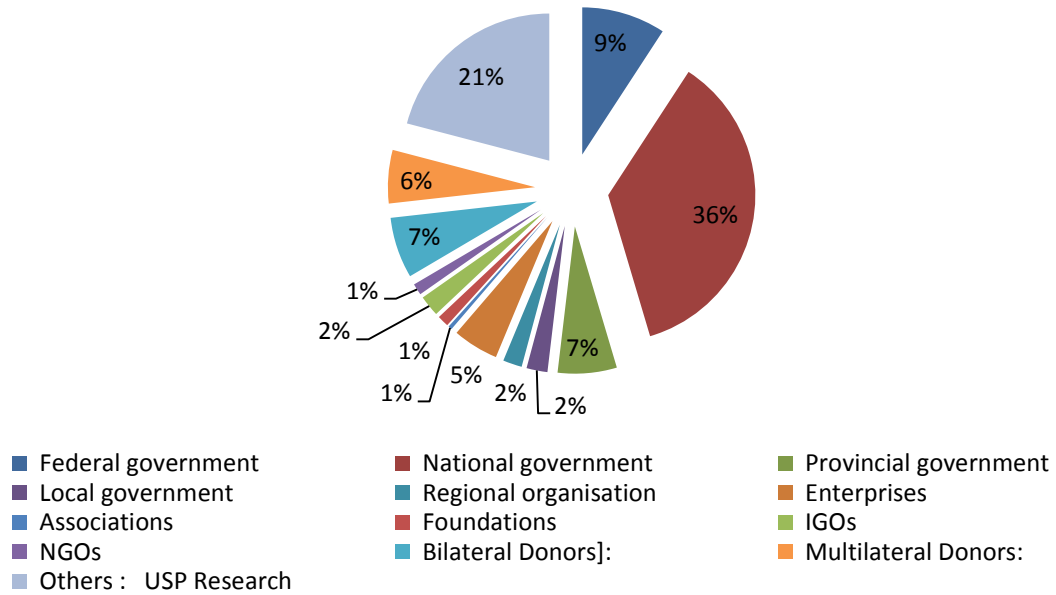
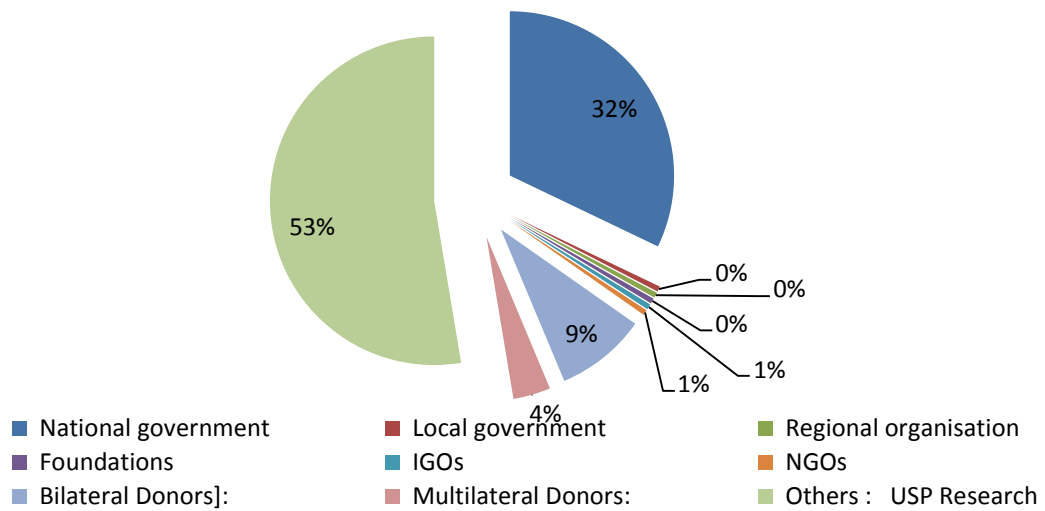


Fig 18 Overall Distribution of Source of Funding for Research Projects



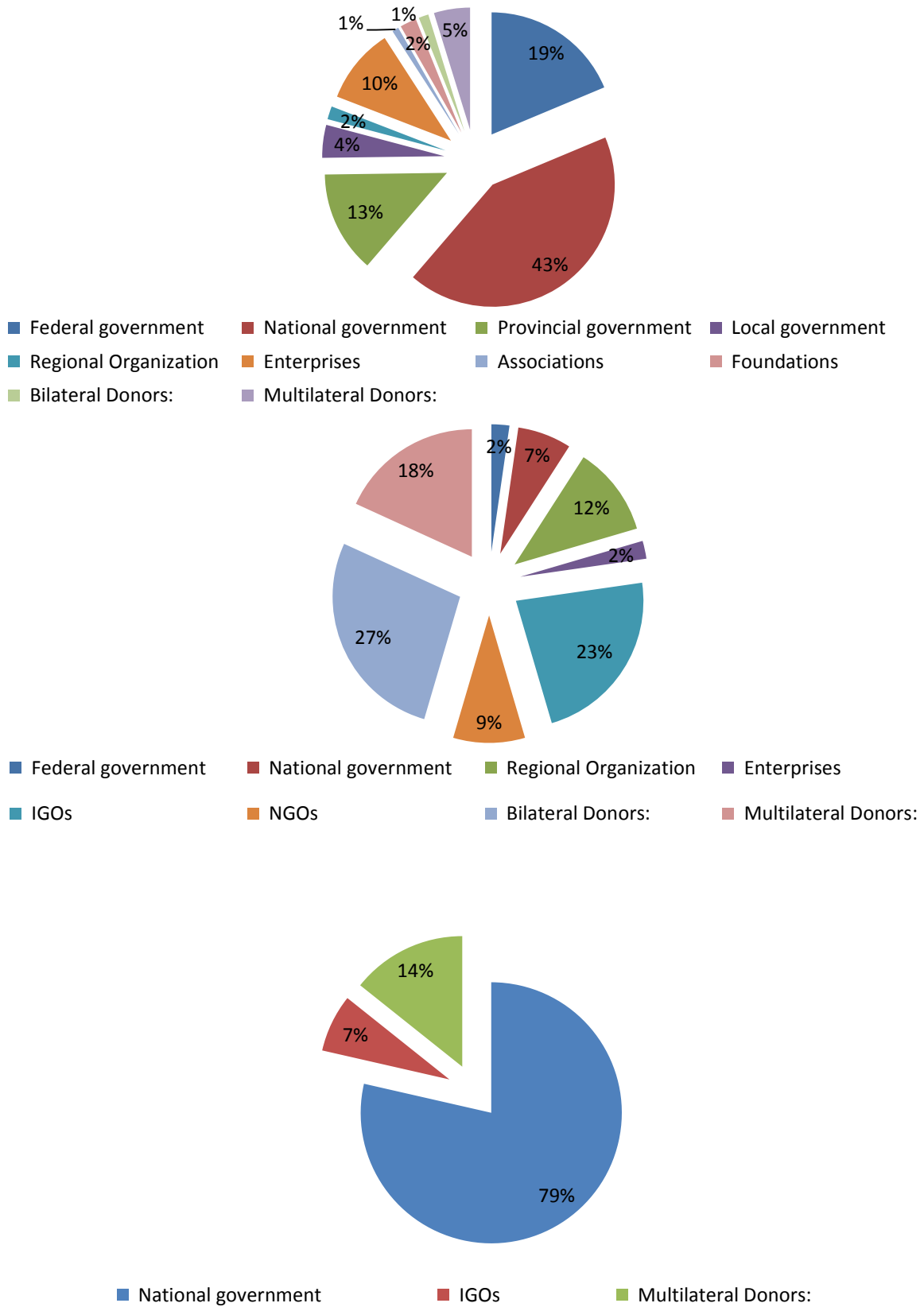


Fig 19 Distribution of Source of Funding for Research Projects Inventoried per Region: (A) ACP; (B) OCTs; (C) regional organisation and (D) Australia and New Zealand

Table 17 compiles the list of donors and funding programmes that are supporting or have supported research projects in the Pacific Island region for the years 2008-2010. For the data obtained, it appears that the top benefactors to the Pacific Islands in terms of research projects at the regional level are AusAID (18 teams or projects) for bilateral cooperation and the EU (17 teams or projects) for multi-lateral cooperation. The top donors at the local level include the Government of France, which contributes significantly to research in the OCT region via its various ministries and instruments (13 teams or projects), and USP's Faculty of Science, Technology, and Environment Research Committee for the Pacific ACP countries' region (100 teams or projects). Other sources of funds that are important at the local level include the Government of Papua New Guinea which, through its Office of Higher Education, also contributes to research in the country (13 teams or projects) and the programmes of CNRT (21 teams or projects) and GOPS (12 teams or projects) for the OCT. The names of each donor and the number of projects they fund are provided for the readers' reference in the listing (Annex).

Table 20 List of Donors and Funding Programmes for S&T Research in the Pacific Island Region and Number of Research Projects per Donor or Programmes

ACP	No. Research Project Funded	OCT	No. Research Project Funded	Regional Organisations	No. Research Projects Funded	Australia and New Zealand	No. Research Projects Funded
% response rate							
99		88		92		88	
<i>Public</i>							
Government of Samoa	4	Government of New Caledonia	6	Government Fiji	1	Government of Tokelau	1
Office of Higher Education (Papua New Guinea)	22	Seretariat d'Etat del'Outrermer	7	Government of Federated States of Micronesia	1	Ministry of Education Tonga	1
Fiji Department of Energy	2	Government of France	4	Government Cook Islands	1	Ministry of Fisheries NZ	1
Fiji Electricity Authority	2	MOM (France)	3	Government Kiribati	1		
Fijian Affairs Board	2	Government of French Polynesia	2	Government Vanuatu	1		
Fijian Ministry of Agriculture	2	MAE (France)	1				
		Province Nord (New Caledonia)	1				
		Province Sud (New Caledonia)	1				
		MEEDDM (France)	1				
		MENRT(France)	1				
		MERS (France)	1				
		DAFE (New Caledonia)	1				
		DENV (New Caledonia)	1				
		AFD	5				
		ANR	13				

		Government of Wallis and Futuna	1				
<i>Bi-lateral Donors</i>							
AusAid	8	USAid	1	AusAid	9	NZ Aid	3
Korean Maritime University	2	AusAid	1	AFD	1		
London Insulin Dependent Diabetes Trust International	1	NZAid	1	CRISP	1		
University of Tasmania	1			Korea	1		
US Embassy	1			US	1		
				NZ Aid	1		
				Republic of China	1		
<i>Multi-lateral Donors</i>							
EU	4	EU	7	EU	6	WHO	2
FAO	1	AIEA	3	Global Fund	1	EU	1
IUCN	1	CRISP	3	UNFPA	1		
Turkey	1	SPC	1				
SPC	1						
UNICEF	1						
<i>Private Sector</i>							
		KNS	1				
		Goro Nickel	1				
<i>Others:</i>							
USP FSTE Research Committee	100	CNRT	21	Western Central Pacific Fisheries Commission	4	Creative NZ	3
SHSS Research fund PNG	5	INSU	4	Critical Ecosystem partnership Fund	2	Rotary International	3
UPNG Research Committee	3	GOPS	12	GEF	2	Engineers without Borders	2

Global Crop Diversity Trust	1	Institute of Research and Development	7	ADECAL	1	Macmillan Brown	2
Japan Student Service Organization	1	CNES	3	Fonds Pacifique	1	Critical Ecosystem Partnership Fund	1
UNRE Research Fund	1	IFRECOR	3	Forum Fisheries Agency	1	Marden Fund	2
UOG URPC	1	Foundation pour la recherche sur la Biodiversite	2	SPC	1	Pacific Leprosy Foundation	1
		GATES	2	PFRD	1	University of Canterbury (New Zealand)	1
		ILM	3	World Fish	1	University of Oxford (United Kingdom)	1
		NOAA- USA	2	Zoneco	1		
		ZONECO	2				
		ASS	1				
		CHPF	1				
		CI	1				
		Coriolis	1				
		Foundation Gordon and Betty Moore	1				
		Haut	1				
		Institute Cawthron	1				
		Institute Francis Pour	1				
		Marine Research Center Maldives	1				
		Museum Te Papa	1				
		NASA	1				
		National Institute of Health	1				

		NIWA	1				
		Plan Pluriformation	1				
		Recherche EN COURS	1				
		Reserve Naturelle Marine de la Reunion	1				
		SEOM	1				
		UFRE	1				
		University of Hawaii	1				
		University de Laval (Canada)	1				
		University of George	1				
		Western Indian Marine Service Association	1				
		WWF	1				
		NIH	1				
		Fonds Pacifique	7				
		Fonds Pacifique	7				
Total research projects funded							

Table 21 collates the surveyed data obtained on the collaborations of each respondent team. It shows the number of research project of the respondent research teams of the different regions surveyed in collaboration. It also shows the nature of collaboration *i.e.* collaborations at local level, intra-regional level, inter-regional level or international level. Fig. 20 shows that most collaboration activities in S&T research in the Pacific are undertaken by research teams of the OCT region (67%). It should be noted that the ACP and OCT also have the highest number of research projects at 165 projects (Table 17). However, only 62 of these projects have been claimed to be implemented in collaboration. Given the low participation rate (40%) from the Pacific ACP region as opposed to the high participation rates of the OCT (74%) it is difficult to know if the ACP research teams do indeed have less collaboration. The low percentage may really only reflect the low response rate. However, it should be noted that when in Q2 the research teams were asked if their teams worked in collaboration or not, only 20 out of 45 (or 44%) of the teams in the Pacific ACP countries responded positively. Thus one could recommend that in Pacific ACP countries, given the size of the research organizations like USP and number of its research teams and projects, more collaboration could be developed for S&T research.

Further analysis in Table 21 demonstrates that the largest proportion of collaboration activities in relation to Pacific Island research projects is happening between or with the organisations in the OCT (involved in 28% of research projects via collaboration). Organisations in Europe are also as heavily involved in research projects (25%) related to the Pacific Islands through partnership with various Pacific organisations. Moreover, we observe from the data collected that there are considerable partnerships on Pacific Island research projects with organisations in various countries of Asia and in the US (15%) and with organisations of Australia and New Zealand (12%).

Table 21 shows that the majority of the collaborations that the Pacific ACP research teams have are with organisations located within the Pacific ACP region, amounting to 24% of their research projects in partnership. However, their collaborations with regional and international organisations (14% and 16%) and organisations in Australia and New Zealand (15%) and with countries in Asia and North America (18%) are equally significant.

Surprisingly, from the data collated, despite the geographical proximity of Pacific ACP countries and the OCT, the collaboration between organisations of the two areas is negligible (Fig 20A and B). These results are reflected in Fig 11A with only 5% intra-regional collaborations for ACP research teams. Similarly, the number of collaborations between research teams in Pacific ACP countries and teams in Europe is also small. This gap was identified by the PACE-Net project. The present study confirms the gap and supports one of the objectives of PACE-Net that is, the need to increase collaborative research activities and thus networks between ACP and OCT, between ACP and Europe, and even better, between ACP, OCT and Europe.

On the contrary, Fig. 20B shows that the OCT is relatively well-placed in terms of research collaborations with European countries (32% of the research projects of the OCT are in partnership with European organisations). There is also a strong collaboration within organisations of the OCT *i.e.* within and between New Caledonia and French Polynesia. The

expertise of the researchers of the OCT thus can be used to develop and implement research projects for the above-named three-way collaborations on research. The regional organisations rely on their networks with organisations in Australia and New Zealand (24% of projects), and in the Pacific ACP countries, and in other countries of Asia and North America (both 20%) as well as with international and other regional organisations (both 12%) for collaborations on research projects (see Fig. 20C). Similar to the situation in Pacific ACP countries, there appears to be a lack of research collaboration between regional organisations and the OCT and between regional organisations and Europe (4% and 8% of the project in common, respectively).

Within the framework of PACE-Net, the collaboration between regional organisations, the OCT and Europe should be further supported. Fig 20D shows the research teams in Australian and New Zealand organisations that undertake research activities for the Pacific Island region do so with substantial number of projects (50%) in collaboration with the organisations of the Pacific ACP countries. These teams also rely locally on other organisations in Australia and New Zealand, as well as on international organizations in other countries to implement these projects. For further reference, Table 19 compiles all the names of the collaborating organisations provided by the respondent research teams and the number of projects involving collaboration. The names of the organisations are compiled according to their geographical situation.

Table 21 Total Number of Collaborations on Research Projects per Region Surveyed

Respondent research teams based in:	% response rate	Number of Collaborations with Research Organizations Located in Different Regions of the World or with Regional and International Organizations:							Total collaboration per Region Surveyed
		ACP	OCT	Regional Organisations	Australia and New Zealand	Europe	Other Countries	International organizations	
ACP	38	26	1	15	21	8	19	17	107
OCT	74	7	114	6	27	92	37	1	284
Regional organisation	72	5	1	3	6	2	5	3	25
Australia and New Zealand	26	5			2		3		10
Total	57	43	116	24	56	102	64	21	410

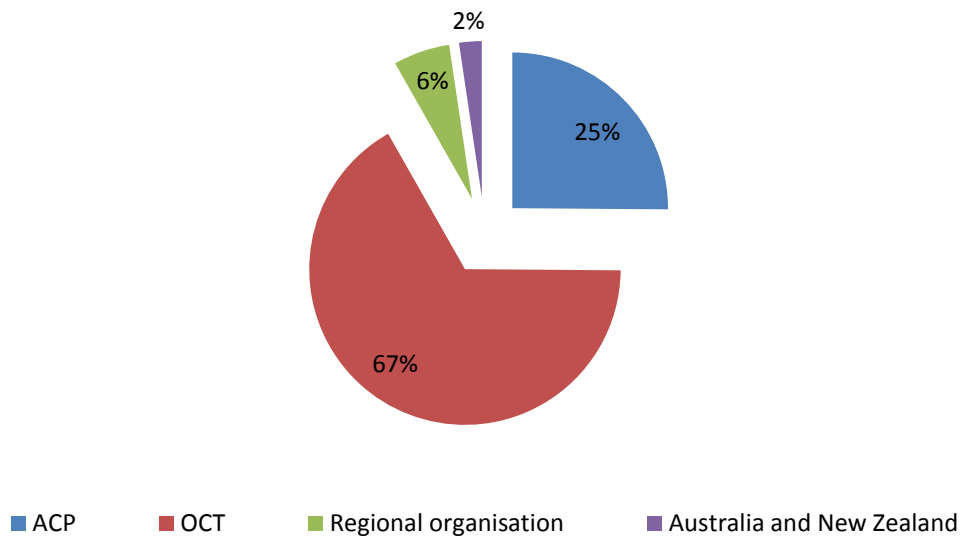


Fig. 20 Proportion of Collaborations per Region Surveyed

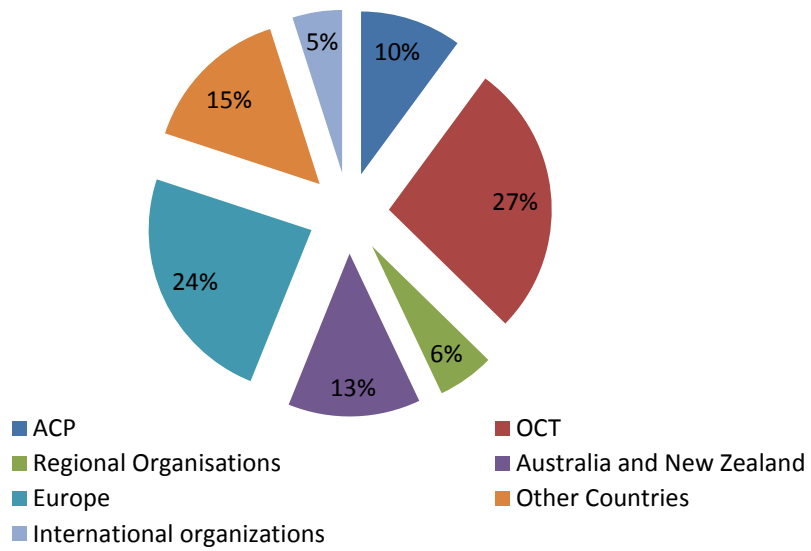
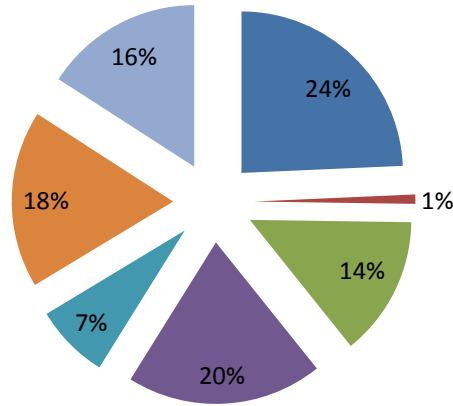
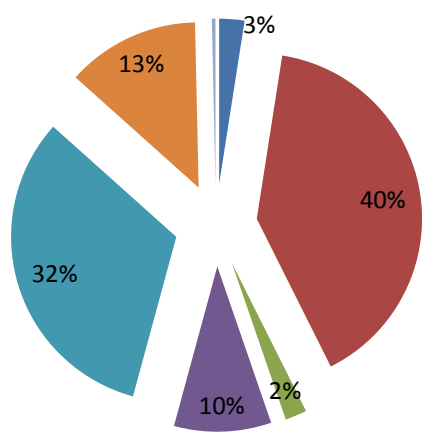


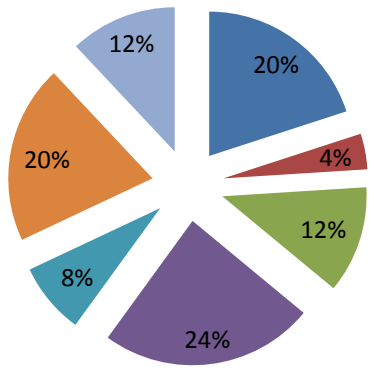
Fig. 21 Overall Distribution of the Nature of Collaboration for the Research Projects of the Pacific Islands



- ACP
- OCT
- Regional Organisations
- Australia and New Zealand
- Europe
- Other Countries
- International organizations



- ACP
- OCT
- Regional organisations
- Australia and New Zealand
- Europe
- Other Countries



- ACP
- OCT
- Regional organisations
- Australia and New Zealand
- Europe
- Other Countries
- International organizations

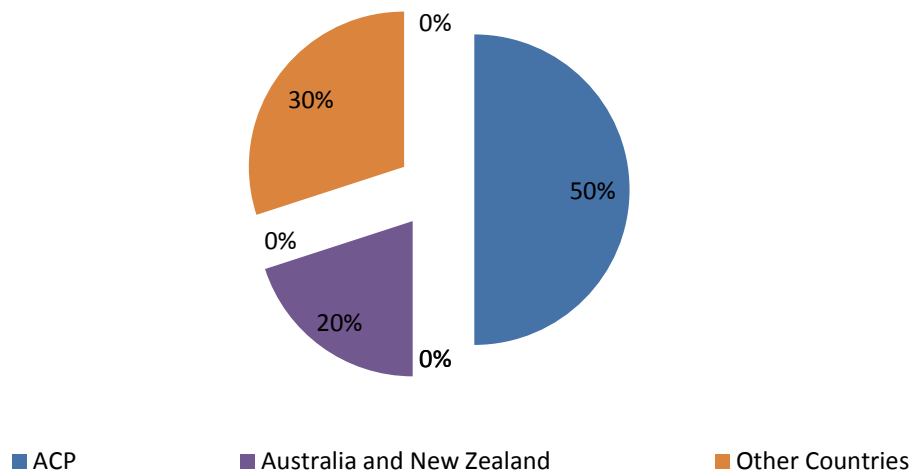


Fig. 22 Distribution of Number of Collaborations per Region: (A) ACP; (B) OCTs; (C) regional organisation and (D) Australia and New Zealand

Table 22 List of Collaborators on the Pacific Island Research Projects and Number of Projects in Collaboration per Collaborator

ACP	No. Research Projects in Collaboration	OCT	No. Research Projects in Collaboration	Regional Organisations	No. Research Projects in Collaboration	Australia and New Zealand	No. Research Projects in Collaboration
<i>Collaborating with Organisations Located in Pacific ACP Countries</i>							
<u>Fiji:</u> 1. Ministry of Primary Industries 2. Department of Energy 3. Fiji Electricity Authority 4. Fiji National University 5. Fiji Meteorological Service 6. Fiji Museum 7. Crest Chicken 8. CWM Hospital – Suva 9. Fiji Sugar Cooperation 10. Kadavu Provincial Office 11. Koronivia Research Station 12. Ministry of Forestry 13. Ministry of Health 14. Nadi Town Council 15. Sugar Research Institute of Fiji 16. Suva City Council	4 3 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u>Fiji:</u> 1. University of the South Pacific 2. Ministry of Health	1 1	<u>Fiji:</u> 1. University of the South Pacific 2. Ministry of Primary Industries	2 1	<u>Federated States of Micronesia:</u> 1. FSM Hospital	1
<u>Papua New Guinea:</u> 17. University of Papua New Guinea	2			<u>Papua New Guinea:</u> 2. National	1	<u>Fiji:</u> 4. University of the South	1

				Agriculture and Research Institute 3. National Fisheries Authority	1	Pacific	
<u>Samoa:</u> 18. Ministry of Natural Resources	1			<u>Samoa:</u> 5. Ministry of Agriculture	1	<u>Marshall Islands:</u> 6. Marshall Islands Hospital	1
						<u>Palau:</u> 7. Palau Hospital	1
						<u>Tonga:</u> 8. Ministry of Health Tonga	1
				<u>Cook Islands:</u> 9. Ministry of Marine Resources	1		
<u>Vanuatu:</u> 19. Site Acquisition Service 20. Government of Vanuatu 21. Vanuatu Institute of Technology		<u>Vanuatu:</u> 3. Département de la géologie des mines et des ressources en eau du Vanuatu 4. Département des terres et de la topographie de Vanuatu 5. Gehazards Section (département géologie et météo) 6. Service des Pêches du Vanuatu 7. Ministère santé	1 1 1 1 1				
Total number of	22	Total number of	7	Total number of	5	Total number of	5

Collaborations Intra ACP		Collaboration between OCT and Pacific ACP Countries		Collaborations between Regional organisations and Pacific ACP Countries		Collaborations between Australia and New Zealand and Pacific ACP Countries	
<i>Collaborating with Organisations Located in OCT</i>							
		<u>New Caledonia:</u> 8. UNC 22 IAC 8 9. IFREMER 6 10. DASS 3 11. CNRT 2 12. Bluecham 2 13. Météo France 3 14. CHT 3 15. Meteo NC 1 16. Institut Pasteur NC 1 17. GIE Oceanide 1 18. ADCK 1 19. UMR 113 1 20. KNS - GORO nickel 1 21. DASS NC 1 22. ASS 1 23. Hospital 1 24. Province Nord 1 25. ADCK 1 26. Adecap 1 27. Institut Pasteur 1 28. VALEINCO 1 29. Coreus-NC 1 30. Axe Institutr Agron. Néo-Calédonien 1 31. SIRAS Pacifique: entreprise de restauration 1					

		écologique					
French Polynesia: 22. ETHYCO	1	French Polynesia: 32. Université de la Polynésie Française 33. Institut Louis Malardé 34. Direction de la Santé 35. ONG SOP Manu 36. Institut français de Recherche pour l'Exploitation de la Mer 37. Direction Santé 38. Délégation de la recherche 39. Service de la culture et du patrimoine 40. Service de la Perliculture 41. Météo France 42. Division Climat- Etudes-Réseau 43. Société Aquafish 44. Géopolynésie (société) 45. Société Tahiti Fish technologie 46. CNRS Institut de Neurobiologie Alfred Fessard 47. Institut de Radioprotection et de Sécurité Nucléaire 48. Centre de Recherche Insulaire et Observatoire de	6 6 2 2 2 2 2 2 1 1 3 1 1 1 1 1 1 1 1	New Caledonia: 10. Institute of research and development	1		

		l'Environnement 49. Centre hospitalier de Polynésie française	1				
		50. académie des sciences polonaise	1				
		51. Centre de cosmétologie du Pacifique Sud	1				
		<u>Wallis and Futuna:</u> 52. Service environnement Wallis et Futuna	1				
		53. Service de l'environnement	1				
Total number of Collaborations between Pacific ACP Countries and OCT	1	Total number of Collaborations Intra- OCT	114	Total number of Collaborations between Regional Organisations and the OCT	1	Total number of Collaborations between Australia and New Zealand and the OCT	
<i>Collaborating with Regional Organisations</i>							
23. SPC	9	54. SPC	6	FFA	2		
24. SOPAC	4				1		
25. SPREP	2						
Total number of Collaborations between Pacific ACP Countries and Regional Organisations	15	Total number of Collaborations between the OCT and Regional Organisations	6	Total number of Collaborations between Regional Organisations and Regional Organisations	3	Total number of Collaborations between Australia and international organisations	
<i>Collaborating with Organisations Located in Australia & New Zealand</i>							
<u>Australia:</u> 26. University of Tasmania	3 2	<u>Australia:</u> 55. CSIRO 56. NSW university	3 3	<u>Australia:</u> 11. CSIRO 12. University of Queensland	1 1	<u>Australia:</u> 15. Australian National University	1
27. University of New	2	57. Université de	3				

South Wales	1	Brisbane	1	13. Queensland			
28. James Cook University	1	58. James cook university	1	Department of Primary Industries	1		
29. Australian National University	1	59. australian museum	1	14. University of Adelaide	1		
30. Queensland Museum		60. Université de Melbourne	1				
31. Queensland University of Technology		61. University of Queensland	1				
32. University of Technology		62. Queensland University of Technology	1				
33. University of Melbourne		63. Université James Cook	1				
34. Queensland Institute Research		64. Université Sydney	1				
35. University of Queensland		65. Univ de Darwin					
36. Royal Princess Alexandria Hospital		66. université de Hobart					
37. Australian Venom Research Unit	2	67. Université queensland					
38. Southern Cross University							
<u>New Zealand:</u>		<u>New Zealand:</u>		<u>New Zealand:</u>		<u>New Zealand:</u>	
39. Massey University		68. Institut Cawthron	2	16. Department of Conservation	1	Countries Manukau District Health Board	1
40. University of Canterbury		69. NIWA	2	17. NZ Aid	1		
41. University of Waikato	1	70. Institu sciences sustainable	1				
	1	71. Université d'Otago	1				
	1	72. NIWA	1				
		73. IGNS	1				
Total number of collaboration between ACP and Australia and New Zealand	21	Total number of collaboration between OCT and Australia and New Zealand	27	Total number of collaboration between regional organization and	6	Total number of collaboration between intra-Australia and	2

				Australia and New Zealand		New Zealand	
<i>Collaborating with Organisations Located in Europe</i>							
<u>Belgium:</u> 42. Katholieke Uni Leuven	1	<u>Belgium:</u> 74. Univ Namur 75. Univ catho de Louvain 76. Univ of Ghent	1 1 1				
		77. Bermudas institute of ocean sciences					
<u>Estonia:</u> 43. University of Tartum	2	<u>Spain:</u> 78. Institut de Recherche et de Technologie Agroalimentaire	1				
<u>France:</u> 44. University of Paul Sabatier	1	<u>France:</u> 79. CNRS 80. IFREMER 81. INRA 82. CIRAD 83. Université de Perpignan 84. UPMC 85. Univ Paris 5 86. Criobe 87. Laboratoire BIODIMAR 88. Institut Pasteur 89. MNHN 90. Laboratoire de Géophysique Interne et Tectonophysique 91. EHESS IRIS 92. Univ Rennes	23 5 4 3 3 3 2 2 2 2 2 2 1 1 1	<u>France:</u> 18. Collecte Satellite	2		

		93. IFRECOR	1				
		94. INSU	1				
		95. Universités françaises	2				
		96. Université de Brest	2				
		97. Université de Bretagne Occidentale	1				
		98. Université Polynésie	1				
		99. Univ Toulouse III					
		100. Institut Pasteur de Paris	1				
		101. CNR					
		102. CHU de Rangueil	1				
		103. univ Aix Marseille	1				
		104. CEMAGREF					
		105. ILM	1				
		106. IPGP	1				
		107. Univ Grenoble	1				
		108. Univ Strasbourg	1				
		109. IPGP Geoscope	1				
		110. IUCN	1				
		111. Univ de Méditerranée	1				
		112. CNES	1				
		113. Météo France					
		114. Univ Réunion	1				
		115. LSEHHT	1				
		116. Univ de Nancy UMR 1136	1				
		117. Univ Caen	1				

		118. Univ. Méditerranée 119. Université d'Orléans, Montpellier II, 120. LMV Clermont Ferrand	1 1 1 1				
<u>Germany:</u> 45. University of Berlin 46. German Technical Cooperation	1 1	<u>Netherlands:</u> 121. Univ de Groningen	1				
<u>United Kingdom:</u> 47. The Open University 48. University of London	1 1	<u>United Kingdom:</u> 122. Univ. d'Oxford 123. FR 124. Univ Bristol 125. Arrow therapeutic	2 1 1 1				
		<u>Monaco:</u> 126. Agence Internationale de l'Energie Atomique	1				
Total number of Collaborations between Pacific ACP Countries and Europe	8	Total number of Collaborations between the OCT and Europe	92	Total number of Collaborations between Regional Organisations and Europe	2	Total number of Collaborations between Australia and New Zealand and Europe	
<i>Collaborating with Organisations Located in Other Countries</i>							
<u>Japan:</u> 49. Tokyo Institute Technology	1	<u>Japan:</u> 127. Aichi Medical University 128. JAXA (japan aerospace agency)	1 1	<u>Japan:</u> 19. National Research Institute of Far Seas	1		
<u>Jordan:</u> 50. University of Jordan	2	<u>Canada:</u> 129. Université de	4				

		Laval CHUQ 130. Univ Dalhousie	2				
<u>Korea:</u> 51. Korean Maritime University 52. Chungnam National University	2 2	<u>South Korea:</u> 131. Université Jeju 132. Kordi	1 1				
<u>Taiwan:</u> 53. National Taiwan Normal University	2	<u>Hong Kong:</u> 133. University of Hong Kong	1				
<u>Thailand:</u> Kasetsart University	2	<u>Malaysia:</u> 134. Worldfish center	1				
		<u>La Réunion:</u> 135. Univ la Réunion 136. Agence pour la recherche et la valorisation marine	1 1				
<u>United States of America:</u> 54. Scripps Research Institute 55. Stanford University 56. University Texas 57. University of California 58. University of Michigan 59. University of Utah	2 1 1	<u>United States of America:</u> 137. Boston University 138. Smithsonian 139. Université Kentucky 140. Center for Coastal Fisheries and Habitat Research-NOAA 141. Berkeley university 142. Florida university 143. Task force for	3 3 2 1 1 1 1 1 1	<u>United States of America:</u> 20. University of Hawaii 21. Center for Disease Control and Prevention	2 1	<u>United States of America:</u> 22. University of Alabama 23. Uppsala University	2 1

		Global Health 144. Smith College 145. Université de Géorgie 146. University of Hawaii 147. Center for Coastal Environmental Health and Biomolecular Research 148. l'université JHSPH 149. Université de Rutgers 150. Univ du Missouri 151. NASA 152. HIMB Hawaii 153. Friday Harbor laboratory 1	1 1 1 1 1 1 1 1 1 1 1 1				
Canada 60. University of British Columbia							
				South Africa: 24. Rhodes University	1		
Total number of Collaborations between Pacific ACP countries and other countries	19	Total number of Collaborations between OCT and other countries	37	Total number of Collaborations between Regional Organisations and	5	Total number of Collaborations between Australia and	3

				other countries		other countries	
<i>Collaborating with International Organisations</i>							
61.		154.		25. University of the South Pacific	2		
62.		155. WHO	1	26.			
63. APN	3			27. Pacific Islands Fisheries Service Center	2		
64. IUCN	2			28. Ministry of Natural Resource	1		
65. Locally Managed Marine Area	2			29. IUCN	1		
66.				30. Ministry of Environment 10 SPC Countries	1		
67. Wetlands International	2			31.			
68. London Insulin Dependent Diabetes trust	1			32. International American Tropical Tuna Commission	1		
69. National Institute of Water and Atmosphere	1			33. National Institute of Far Seas	1		
70. National Oceanic and Atmospheric Administration	1						
71. Pacific Regional Equatorial Anomaly Studies in Asia	1						
72. Coral Reef Initiative for South Pacific	1						
73. International GPS	1						

service for Geodynamics 74. UNICEF							
75. International Tsunami Team	1						
Total number of Collaborations between Pacific ACP countries and International Organisations	17	Total number of Collaborations between the OCT and international organisations	1	Total number of Collaborations between Regional Organisations and International Organisations	3	Total number of Collaborations between Australia and International Organisations	

2.2 Ministries in the Pacific islands Supporting Science and Technology Research

The government surveys were carried out in the Pacific ACP and the OCT region. If PACE-Net aims to build an efficient network, then it is necessary to appraise the situation of science and technology research in the Pacific from all aspects. It is important to consider the role that the governmental institutions may play in science and technology research in the Pacific Island region.

The Questionnaire was designed to identify the best approach to enhance the network and to assist in articulating recommendations for the greater inclusion of priority research programmes in regional and national policies via Pacific Island Forums Leaders' endorsement. It also identifies strategic areas for future collaboration and cooperation in research in the Pacific under the auspices of the EU's funding instrument, the 7th Framework Programme (FP7) for Research and Technological Development.

The surveys were sent to a total of 27 government ministries in Pacific ACP countries and to 3 government ministries in the OCT.

Table 23 Government Ministries Survey Response

Region	Survey Sent	Survey Received	Total
ACP	27	6	30
OCT	3	1	3
% Response	22%	33%	27.5%

2.2.2 ACP Country-based Government Ministries/ Departments

The survey was sent to a total of 27 government ministries. All of the surveys were hand- delivered by the USP Campus Directors. Six surveys (22%) were received from the Pacific ACP countries. These are from:

Ministry of Natural Resources and Environment - Samoa

Ministry of Primary Industries – Fiji

Ministry of Higher Education , Research, Science and Technology – PNG

Ministry of Mines, Energy and Rural Electrification – Solomon Islands

Ministry of Health – Cook Islands

Ministry of Marine Resources – Cook Islands

The Ministry of Natural Resources and Environment in Samoa does not have a S&T policy but wishes to design a policy on Agriculture, Fisheries, Food supply, Environment and Climate. They collaborate mostly with SPREP in Samoa, IUCN in Fiji, UNDP in Samoa, and the World Bank and NOAA in the USA.

The Ministry of Primary Industries in Fiji does have a S&T policy on Agriculture, and this is available publicly. The policy was developed in 2010, and the Ministry also funds research activities. These activities are mainly funded by SPC and ACIAR. The Ministry of Primary Industries in Fiji collaborates with ACIAR, CSIRO in Australia and SPC in the Region.

Ministry of Higher Education, Research, Science and Technology of PNG has Science policy on Environment and manufacturing. The ministry does not have any code of ethics and it funds €166251 in 2008, 2009 and 2010 for research. The ministry collaborates with Korea Institute of Science and Technology and Evaluation planning only.

The Ministry of Mines, Energy and Rural Electrification of Solomon Islands does not have a research policy but wishes to design one. The ministry wishes to design research policy. Currently the ministry does not have code of ethics on research.

Ministry of Health from Cook Islands has research policy on Biology and medicine which was developed in 2011. However the ministry does not fund any research activities nor collaborates for research.

Ministry of Marine Resources from Cook Islands does not have a research policy but wishes to design one. Currently the ministry does not have code of ethics on research. The ministry does fund research activities and spend €575282 in 2011. The ministry collaborates with NIWA, NOAA, CIOVE and Crop Agencies.

Out of all six ministries only two ministries have research policy but none have code of ethics on research.

2.2.2 OCT-based Ministries

Only one questionnaire was received from the OCT which was from the High Commission of the Republic of French Polynesia. This office has policies on agriculture, Fisheries, Food Supply, Biology, Medicine, Energy, Environment and Climate Change. The policies are also publicly available. High Commission of the Republic of French Polynesia also funds research activities and receives funding for research. This office does not have code of ethics for S&T research activities.

3.0 Conclusions

3.1 Total Analysis

If one compares the inventoried research teams with the research projects, it can be observed that some of the research teams work on many projects. Sixteen percent of the inventoried research teams work on Social and Economic Concerns, but this area has only 7% of the research projects. There is also a disparity in ICT, with 6% of the research teams and 3% of the research projects. The Environment and Climate Change area has the highest number of research teams (24%) and projects (40%). Teams which are doing a significant number of projects when compared to the number of teams are Environment and Climate Change and Industry and Industrial Technology. It can also be observed that there are no Transport and Construction teams or projects currently inventoried in the Pacific Islands. It should also be noted that there are no inventoried Energy teams in the OCT, Australia and New Zealand. Despite having two ICT Teams in the OCT, and one in Australia and New Zealand, there are no inventoried projects on this theme (see Table 8 and Table 17). Further research including internet searches may shed further light on these currently under-represented areas.

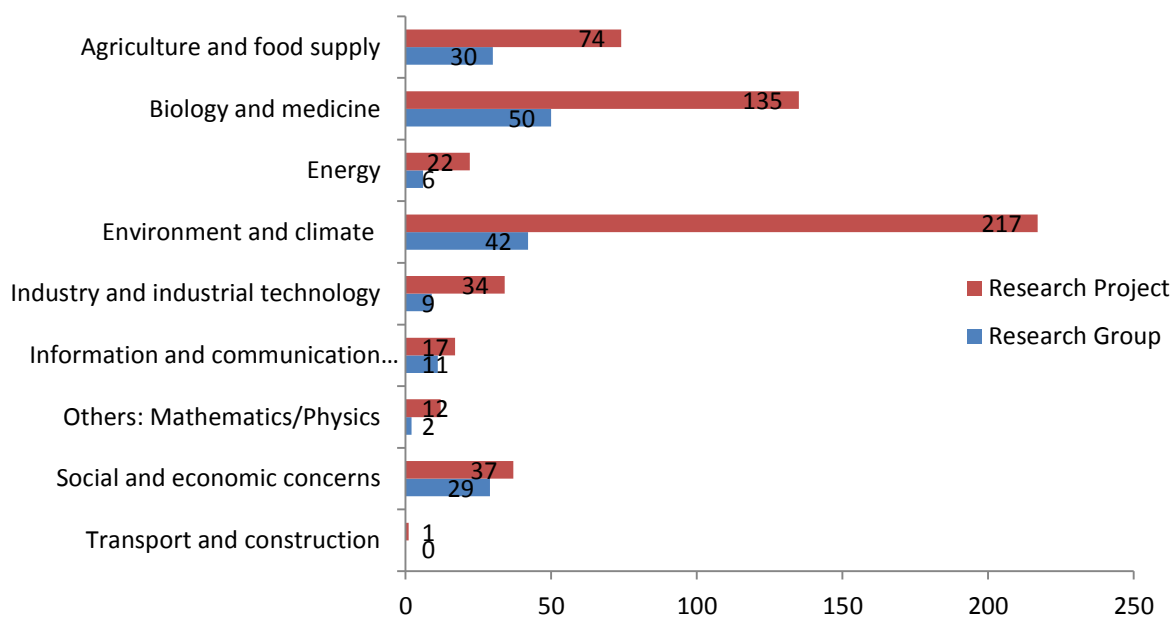


Fig 23 Comparison of Inventoried Research Teams against Research Projects

Table 19 shows the scores collated for the sources of funding for the research projects of the respondent research teams. The analysis shows that research in the Pacific Islands is funded from several sources, including institutions, the private sector, civil society, and from bi-lateral and multi-lateral donors. This shows that the stakeholders from different sectors of society more or less support S&T research in the Pacific Islands region. The pie chart (Fig. 17) illustrates that 52% of the inventoried research projects for the Pacific Islands in the entire Pacific region surveyed receive public funding. A large portion of projects (31%) receive funds from their own government.

In the Pacific ACP countries, only 24% of inventoried research projects receive public funding (Fig 18A). It should be noted that the research projects from the Pacific ACP countries are mostly collated from research teams at USP and, according to the scores obtained, these projects are mainly funded by the organisation itself. Hence, USP funds 21% of the overall inventoried research projects in the region. This indicates, as mentioned earlier for Q4, that there appears to be stronger institutional support for S&T research in the OCT as compared to in the Pacific ACP countries. Other donor arrangements for inventoried research projects in the region include bi-lateral donors (7% of the projects), multilateral donors, that can include IGOs, NGOs, regional organisations and associations (6%), as well as the private sector (5%). Bilateral donors support 2% of inventoried research.

From the data collected one can note that the private sector in the OCT is quite an active stakeholder in S&T research (10%) as compared to the Pacific ACP countries, where no scores for the private sector were observed (Fig 18 A and B). Furthermore, bi-lateral donors fund a larger number of research projects of the Pacific ACP countries (17 projects) and the regional organisations (12) than in the OCTs (3).

It is also seen from Table 18 that there are an insignificant number of collaborations between the neighbouring Pacific ACP countries and the OCT, even though they have similar concerns with regard to research and development. A major reason would be language issues between the two regions. The largest proportion of collaboration activities in relation to Pacific Islands research projects involve between or with the organisations in the OCT (involved in 27% of research projects via collaboration). Organisations in Europe are also as heavily involved in research projects (24%) of the Pacific Islands through partnership with various Pacific organisations. Moreover, we observe from the data collected that there are considerable partnerships on Pacific Islands research projects with organisations in various countries of Asia and in America (15%) and organisations of Australia and New Zealand (13%). Further research is required to further understand the contributions of these regions to Pacific research, due to the small number of inventoried projects which is likely not representative of the total amount of S&T Pacific-focussed research being undertaken. As the PACE-Net project is pursued, further data can be obtained through shorter surveys of participants to PACE-Net events and through the research carried out for other project deliverables.

The OCT heavily collaborate with the European countries, when compared to the Pacific ACP countries and Regional Organisations. Thirty-two percent of the inventoried research projects of the OCT are undertaken in partnership with European organisations. The regional organisations rely on their networks with organisations in Australia and New Zealand (24% of inventoried projects), and in the Pacific ACP countries and in other countries of Asia and North America (both 20%), as well as with international and other regional organisations (both 12%) for collaborations on research projects (see Fig. 20C).

Similar to the situation in Pacific ACP countries, there appears to be a lack of research collaboration between regional organisations and the OCT, and also between regional organisations and Europe (1% and 7% of the inventoried projects in common, respectively). The PACE-Net project should therefore encourage collaboration between the Pacific ACP countries and the OCT, ACP and Europe. The collaboration between the OCT and Regional Organisations and Australia and New Zealand should also be encouraged.

For the ministerial surveys none of the ministries declared having a Code of Ethics. Two (28%) of the ministries have S&T policies, while most of them want to develop a S&T policy.

3.1 Lessons Learned

It was found that, in the Pacific ACP countries, PACE-Net personnel had to visit institutions in order to ensure completion of the survey. Despite the personal visits, there are still some significant institutions in Pacific ACP countries which did not fill in the survey after several reminders.

The response rate is 41%. It is good to see that a large number of projects (378) have been recorded. The investigators assert that the organisations in Pacific Island Countries, or in Australia and New Zealand, generally do not have easy access to the type of data required to complete the form. That is felt to be the primary reason for the poor response for certain questions in the survey. For Part G of Questionnaire 2, it is possible that the researchers also felt it best not to expose the methodology they used for the projects.

Had more time been allocated for the surveys, it is possible that at least a 50% response rate could have been achieved. The PACE-Net personnel should have ideally visited every institution and helped them to fill out the form. This would have also been an opportunity to provide advice on those areas that were unclear.

The ministerial survey achieved 27% response rate.

Although the responses to this survey present a very good initial understanding of some of the S&T research in the Pacific, the data has its limits and must be supplemented with additional research. Some of this additional research is still to be undertaken by the PACE-Net project, and will hopefully further increase understanding into the achievements, challenges and opportunities for Pacific S&T and bi- or multi-regional research collaborations in the future.

Annex 1

Asian Caribbean Pacific (ACP) Listing

The University of the South Pacific (USP)

Type of Organization	University
Address	Laulala Bay Road Fiji Islands – Main Campus
Website	www.usp.ac.fj
Representative Name	Professor Rajesh Chandra – Vice Chancellor Email: Chandra_r@usp.ac.fj
Mandate	“... the maintenance, advancement and dissemination of knowledge by teaching, consultancy and research and otherwise and for the provision of appropriate levels of education and training responsive to the well-being and needs of the communities in the South Pacific...”
Top 5 Donors	<ul style="list-style-type: none"> ✓ Regional Member Countries ✓ AusAID ✓ NZ Aid Programme ✓ Indian Government ✓ Japanese Government

Research Budget	2008	2009	2010	Total
Number of Research Employees	2008	2009	2010	Average
Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total
Number of Research Teams	7			

Research Teams		1 of 7 Teams
Name of Team	Biodiversity and Conservation	
Name of the Coordinator	Dr. Gillianne Brodie	
Email	brodie_g@usp.ac.fj	
Website	www.usp.ac.fj/FSTE	
Research and Development	Agriculture and food supply Biology and medicine	

Sector	Social and economic concerns		
Source of Funding	Multilateral Donors University Research Committee		
Name of Researcher	Expertise		
Dr. Gillian Broadie			
Dr Milika Sobey			
Mr Klaus Fuessner			
Dr Edward Lovell			
Dr Ketan Christi			
Dr Anand Tyagi			
Dr Permal Deo			
Dr Angeela Jokhan			
Dr Uma Khurma			
Dr Richard W			
Dr Posa Skelton			
Prof Randy Thaman			
Mr Ron Vave			
Ms Ulukalesi Tamata			
Mr Semisi Meo			
Mr Alivereti Naikatini			
Mr Viliamu Iese			
Ms Tima Racule			
Ms Katy Soapi			
Mr Johnson Seeto			
Prof. Bill Aalbersgerg			
Mr Marika Tuiwawa			
Ms Mereoni G			
Ms Patrina Dumaru			
Mr Isoa Korovulavula			
Mr Alifereti Tawake			
Dr Simon			

Projects			
Title of Project	Developing Metagenomic Tools For Microbial Community analysis and Monitoring Microbial Diversity in Pacific Islands		
Start Date	March/2008	End Date	March/2011
Research	Massey University	ME	New

organization collaborating			Zealand
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Impact of Different Land Usage on the Freshwater Invertebrates in the Streams of Vanua Levu.		
Start Date	January/2008	End Date	March/2009
Research organization collaborating	1. National Institute of water and Atmospheric Research 2. Fiji Institute of Technology	FIT	New Zealand Fiji
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Impact of <i>Merremia peltata</i> on Regeneration and Species Diversity of Native Lowland Forests in Samoa		
Start Date	July 2008	End Date	December 2010
Research organization collaborating	1.Ministry of Natural Resources and Environment, Government of Samoa 2.SPREP, Conversational International	SPREP	Samoa Samoa
Name of funding Source(s)	1. University Research Committee (URC) 2. FSTE-Research Committee (FST-RC)		
Title of Project	Phylogenetic Relationships of the Genus <i>Cribrochalina</i> (Prorifera: Demospongiae: Niphatidae Van Soest) using Morphological and Molecular Systematics		
Start Date	March 2008	End Date	March 2008
Research organization collaborating	1. Coral Reef Initiative for the South Pacific 2. Queensland Museum 3. Universite Paul Sabatier	CRIF	Fiji France
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		
Title of Project	Screening of Sugarcane Varieties for Resistance Against Nematode Diseases and Determination of Genetic Variability		
Start Date	Jan 2009	End Date	Dec 2010
Research organization collaborating	Sugar Research Institute of Fiji, Lautoka	SRIF	Fiji
Name of funding Source(s)	1. University Research Committee (URC) 2. Faculty Research Committee (FRC)		
Title of Project	Applying Ecological Principles to Strengthen the Design of A community Based MPA Network on Kadavu		
Start Date	May 2009	End Date	October 2010

Research organization collaborating	1. External – National Oceanic and Atmospheric Administration 2. Kadavu Provincial Office 3. U.S Peace Corps	NOAA	USA FIJI USA
Name of funding Source(s)	1. University Research Committee (URC) 2. Faculty Research Committee (FRC)		
Title of Project	Development and Refinement of Cryopreservation Protocols for the Long Term Conservation of Aroids, Namely Alocasia, Colocasia, Crytosperma, and Xanthosoma Species		
Start Date	Feb 2009	End Date	March 2011
Research organization collaborating	1. Katholieke Universiteit Leuven 2. SPC – Centre for the Pacific Crops and Trees (CePaCT)	KUL SPC	Belgium Fiji
Name of funding Source(s)	1. Global Crop Diversity Trust		
Title of Project	Freshwater Prawn <i>Macrobrachium rosenbergii</i> (De Man, 1879) (Crustacea: Decapoda) Aquaculture in Fiji : Improving Culture Stock in Fiji		
Start Date	Feb 2009	End Date	April 2010
Research organization collaborating	1. Queensland University of Technology (QUT) 2. Ministry of Fisheries and Forests	QUT	Australia Fiji
Name of funding Source(s)	1. ACIAR 2. FSTE-Research Committee (FST-RC)		
Title of Project	Identifying Critical Diet Components and A Foraging Ground of Sea Turtle in Fiji		
Start Date	October 2008	End Date	April 2010
Research organization collaborating	1. Department of Agriculture		Fiji
Name of funding Source(s)	1. University Research and Graduate Affairs Committee (URGAC) 2. FSTE-Research and Graduate Affairs Committee (FST-URGAC)		
Title of Project	In Vitro Virus Elimination from Taro (<i>Colocasia esculenta</i>) for Conservation and the Safe International Exchange)		
Start Date	Feb 2009	End Date	Feb 2011
Research organization collaborating	1. Secretariat of the Pacific Community – Centre for the Pacific Crops and Trees 2. External – Queensland University of Technology	SPC CePaCT QUT	Fiji Fiji Australia
Name of funding Source(s)	1. University Research Committee (URC) 2. FSTE-Research Committee (FST-RC)		

Title of Project	Micro propagation of Sandalwood (<i>Santalum spp</i>) in Tissue Culture		
Start Date	Jan 2009	End Date	March 2010
Research organization collaborating	1. Secretariat of the Pacific Community - Centre for the Pacific Crops and Trees 2. Ministry of Forestry	SPC CePaCT	Fiji Fiji
Name of funding Source(s)	1. AUSAID		
Title of Project	Optimising Juvenile Sandfish <i>H. Scabra</i> (Jaeger, 1833) (Echinodermata) Production for Community Managed Sea Ranching, Fiji		
Start Date	March 2009	End Date	August 2010
Research organization collaborating			
Name of funding Source(s)	1. University Research Committee (URC) 2. Faculty Research Committee (FRC)		
Title of Project	Optimized Nursery Culture Methods for Hatchery-produced <i>Petria penguin</i>, Mabe Pearl (Roding, 1798) Juveniles (Family: Pteriidae, Class Bivalvia) For Half Pearl Production In Tonga		
Start Date	October 2008	End Date	March 2010
Research organization collaborating	1. James Cook University	JCU	Australia
Name of funding Source(s)	1. University Research Committee (URC) 2. FSTE-Research Committee (FST-RC)		
Title of Project	Retrospective Texonomic Assessment of the Recovery of A Managed Fijian Fishery: A Case Study Navakavu Iqoligoli		
Start Date	November 2009	End Date	December 2010
Research organization collaborating	1. Wetlands International 2. Locally Managed Marine Area	LMMA	Fiji Fiji
Name of funding Source(s)	1. University Research Committee (URC) 2. Faculty Research Committee (FRC)		
Title of Project	Assessing Stream Health in Watershed Under Different Land use Patterns Using Biological Indicators		
Start Date	Sept 2010	End Date	February 2012
Research organization collaborating	1. Institute of Applied Sciences - The University of the South Pacific 2. Project under International Union for Conservation and Nature	IAS WANI-IUCN	Fiji Fiji
Name of funding Source(s)	1. University Research Committee (URC) 2. Faculty Research Committee (FRC)		

Title of Project	Climate Change, Sea Level Rise and Coastal Biodiversity in Solomon Islands: Impacts, Role and Adaptaion		
Start Date	Feb 2010	End Date	August 2011
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Conservation For Medicinal Plants in Tonga: A Case Study of Lifuka Island, Ha'apai		
Start Date	Feb 2010	End Date	December 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Crabs of Vanua Navakavu: A Dynamic Threatened, Cultural and Ecological Resource		
Start Date	Feb 2010	End Date	Feb 2011
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Evaluation of Different Shrimp Culture Substrates To Enhance Penaeid And Freshwater Prawn Post-Larvae Production In Fiji		
Start Date	Feb 2010	End Date	August 2011
Research organization collaborating			
Name of funding Source(s)	1. University Research and Graduate Affairs Committee (URGAC) 2. FSTE-Research and Graduate Affairs Committee (FST-URGAC) 3. ACIAR		
Title of Project	Evaluation of Salt-tolerance In Seven Taro Varieties (<i>Colocasia esculenta var. esculenta</i>) Grown In Fiji		
Start Date	Feb 2010	End Date	Feb 2011
Research organization collaborating			
Name of funding Source(s)	1. University Research Committee (URC) 2. FSTE-Research Committee (FST-RC)		
Title of Project	Formulation of Cost Effective Grow-Out Feeds For Freshwater Prawn <i>Macrobrachium rosenbergii</i> (De Man,		

	1879) Culture In Fiji		
Start Date	February 2010	End Date	June 2011
Research organization collaborating	Queensland University of Technology	QUT	Australia
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC) 3.ACIAR		
Title of Project	Freshwater Macro-invertebrate Assemblages In Fijian Streams: Natural Variation Versus Changes Due To Anthropogenic Activities		
Start Date	April 2010	End Date	September 2011
Research organization collaborating	1. Fiji National University 2.Wetlands International, Consultant in French Polynesia	FNU WI ETHYCO's	Fiji Fiji/French Polynesia
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC) 3.Fijain Affairs Board Scholarship		
Title of Project	Geo-conservation of Volivoli Cave, Viti Levu: A Premier Prehistoric Heritage Site		
Start Date	October 2010	End Date	January 2011
Research organization collaborating	1.Fiji Museum		Fiji
Name of funding Source(s)	1. University Research Committee (URC) 2. FSTE-Research Committee (FST-RC)		
Title of Project	Nature, Conservation Status and Ethnobotany of Coastal Plants in Lifuka Island, Tonga		
Start Date	Feb 2010	End Date	December 2011
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		
Title of Project	Prevalence of Burrowing (<i>Radopholus sp</i>) and Lesion Nematodes (<i>Pratylenchus sp.</i>) And Their Sustainable Management Practices In Banana Plantation		
Start Date		End Date	
Research organization collaborating	1.Secretariat of Pacific Community	SPC	Fiji
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC) 3.ACIAR		
Title of Project	Salinity Tolerance of Giant Swamp Taro (<i>Crytosperma</i>		

	merkusii): In Vito And Vivo		
Start Date	February 2010	End Date	February 2012
Research organization collaborating	1. Secretariat of the Pacific Community 2. Pacific Islands Applied Geo-science Commission	SPC SOPAC	FIJI FIJI
Name of funding Source(s)	1.Secretariat of the Pacific Community 2.AusAID		
Title of Project	Screening of Sugarcane Varieties For Resistance Against Nematode Disease and Determination of Genetic Variability		
Start Date	April 2009	End Date	April 2011
Research organization collaborating			
Name of funding Source(s)	1. University Research Committee (URC) 2. FST-Research Committee (FST-RC)		
Title of Project	The Biogeography And Conservation Status of the Important Parrot Fishes of Fiji: A Vanua Navakavu Case-Study		
Start Date	March 2010	End Date	March 2011
Research organization collaborating	1.Ministry of Fisheries 2.Fiji Locally Managed Marine Areas Network	FLMMA	Fiji Fiji
Name of funding Source(s)	1.University Research Committee (URC) 2.FSTE-Research Committee (FST-RC)		
Title of Project	The Use of By-Products From Poultry Production as Alternatives To Conventional Inorganic Fertilizers		
Start Date	September 2010	End Date	March 2011
Research organization collaborating	1.Crest Chicken Limited		Fiji
Name of funding Source(s)	1. University Research and Graduate Affairs Committee (URGAC) 2. FSTE-Research and Graduate Affairs Committee (FST-URGAC)		

Research Teams	2 of 7 Teams
Name of Team	Environment and Climate Change
Name of the Coordinator	Professor William Aalbersberg
Email	aalbersberg@usp.ac.fj

Website	www.usp.ac.fj/FSTE
Research and Development Sector	Biology and medicine Biology and medicine
Source of Funding	NGO's Multilateral Donors Bilateral University Research Committee
Name of Researcher	Expertise
Prof Aalsbersberg	
Dr Iktiar Ahmed	
Dr Matakite Maata	
Dr Milika Sobey	
Dr Jagjit Khurma	
Dr Surendra Prasad	
Dr Conway Pene	
Dr Permal Deo	
Dr Angeela Jokhan	
Dr Ken Chambers	
Dr Kifle Kahsai	
Dr C Togamana	
Mr Bale Tamata	
Mr W Votadroka	
Dr Rajendra Prasad	
Dr Ed Lovell	
Dr Eberhard Weber	
Dr Bibhya Sharma	
Dr Ed Anderson	
Dr Mark Stephens	

Projects			
Title of Project	Heavy Contamination from Landfills in Sediments and Water Associated With Lami Dump		
Start Date	January 2008	End Date	June 2009
Research organization collaborating	Suva City Council		Fiji
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Hydrological Studies of Two Small Tropical Watresheds in Viti Levu, Fiji Islands		
Start Date	August 2008	End Date	February 2010
Research organization	2.Tokyo Institute of Technology	TIT	Japan

collaborating			
Name of funding Source(s)	1.University Research Committee (URC)		
Title of Project	Climate Variability: Cyclone-track Regimes in the Tropical Pacific in Response to Southern Oscillation		
Start Date	March 2010	End Date	March 2011
Research organization collaborating	1.Fiji Meteorological Services 2.National University of Singapore	FMS NUS	Fiji Singapore
Name of funding Source(s)	1. University Research Committee (URC) 2. FSTE-Research Committee (FST-RC)		
Title of Project	Coastal Processes and Beach Erosion Study of Nanana-i-ra, Rakiraki		
Start Date	February 2009	End Date	June 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		
Title of Project	Determining the Formation of Ba Delta, During the Late Holocene Period, in the Ba Valley , Northwest Viti Levu, Fiji		
Start Date	March 2009	End Date	March 2010
Research organization collaborating	The University of Waikato	UoV	New Zealand
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Effectiveness of Used Tea Leaves as Adsorbent for the Removal of Heavy Metals from Waste Water		
Start Date	June 2009	End Date	February 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	EL-Nino Southern Oscillation [ENSO] and South West Pacific Climate Variability: Impacts of ENSO and Changing Climate on Rainfall Pattern		
Start Date	July 2009	End Date	November 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Microbial Profiling in Qawa River by Molecular Based Techniques		

Start Date	July 2009	End Date	December 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Monitoring the Climate of the Qara-i-Oso Cave System , SW Viti Levu		
Start Date	April 2009	End Date	April 2010
Research organization collaborating	1.University of London		England
Name of funding Source(s)	1.University Research and Graduate Affairs Committee (URGAC) 2.FSTE-Research and Graduate Affairs Committee (FST-URGAC)		
Title of Project	Pelagic and Benthic Primary Productivity in Laucala Bay , Suva Fiji Island		
Start Date	Feb 2009	End Date	August 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.FSTE-Research Committee (FST-RC) 3. Fijian Affairs Board		
Title of Project	Seasonal Prevalence of Faecal Indicators and Enteric Pathogens in Suva Lagoons by Culture Independent DGGE Technique		
Start Date	November 2009	End Date	June 2010
Research organization collaborating			
Name of funding Source(s)	1. University Research Committee (URC) 2. FSTE-Research Committee (FST-RC)		
Title of Project	Social Impact Assessment of September 29, 2009 M8.0 Earthquake and Subsequent Tsunami in Samoa		
Start Date	November 2009	End Date	July 2010
Research organization collaborating	1.International Tsunami Team	ITST	Samoa
Name of funding Source(s)	1. University Research Committee (URC) 2. Faculty Research Committee (FRC)		
Title of Project	Vulnerability Mapping in the Pacific Islands: A Study in the Fiji Islands		
Start Date	July 2009	End Date	June 2010

Research organization collaborating	1. Asia Pacific Network	APN	Japan
Name of funding Source(s)	1.University Research Committee (URC) 2.FSTE-Research Committee (FST-RC)		
Title of Project	A Study of Vertical Tectonics Using Corals in North West Malekula Island, Vanuatu		
Start Date	February 2010	End Date	July 2011
Research organization collaborating	1. University of Texas	UT	Austin
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		
Title of Project	Adsorption Behaviour of Some Metal Ions and their Oxinates on Bio-adsorbent		
Start Date	April 2010	End Date	January 2012
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Effects of Groundwater Salinization and other Climate Related Indices on Sugarcane Productivity in Lomaiwai, Raviravi, Tawarau, Viti Levu Island, Fiji		
Start Date	August 2010	End Date	November 2012
Research organization collaborating	1.Ministry of Agriculture 2.SOPAC 3.Fiji Sugar Cooperation 4.German Technical Cooperation and Secretariat of the Pacific Community	SOPAC FSC GTC SPC	Fiji Fiji Fiji Germany Fiji
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC) 3.Ministry of Agriculture 4.Fiji Sugar Coopreation		
Title of Project	Evaluating the Community-based Adaptation Measures in Tuvalu		
Start Date	Feb 2010	End Date	August 2011
Research organization collaborating	1.SOPAC	SOPAC	Fiji
Name of funding Source(s)	1. University Research Committee (URC) 2. FSTE-Research Committee (FST-RC) 3. AuS-AID		
Title of Project	Understanding the Presence of <i>Hippopus hippopus</i> (Linn. 1758) in Ancient Shell Middens at Bourewa Beach, Fiji.)		

Start Date	2008	End Date	2011
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		

Research Teams		3 of 7 Teams
Name of Team	Information Communication Technologies	
Name of the Coordinator	Associate Professor Sushil Kumar	
Email	kumar_su@usp.ac.fj	
Website	www.usp.ac.fj/FSTE	
Research and Development Sector	Information and communication technology Energy Environment and Climate	
Source of Funding	National Government Local Government NGO's Multilateral Donors Bilateral University Research Committee	
Name of Researcher	Expertise	
Sushil Kumar		
Mr Anurag Sharma		
Mr Praneel Chand		
Dr Sunil Lal		
Dr Uma Prasad		
Mr Anil Deo		
Dr Alok Sharma		
Mr Atish Chand		
Mr Shymal Chandra		
Mr Atish Chand		
Mr Kalpesh Khatri		
Mr Mitesh Sutaria		
Mr Kaylash Chaudhary		
Mr Sheikh Izzal Azid		
Dr Jito Vanualailai		

Dr Bibhya Nand Sharma	
Mr Jai Raj	
Mr Shonal Singh	

Projects			
Title of Project	An Elitist Genetic Algorithm Optimization for Constrained University Scheduling In xml Marshalling Exploitation		
Start Date	August 2008	End Date	August 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Formation Control of A Swarm Via Non-Leader Strategies		
Start Date	May 2009	End Date	May 2010
Research organization collaborating	1.Tokyo Institute of Technology	TIT	Japan
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Ionospheric Electronic Content And L Band Scintillation Study In The South Pacific Region Using GPS		
Start Date	June 2009	End Date	December 2013
Research organization collaborating	1.Bhopal University 2.Pacific Regional Equatorial Anomaly Studies in Asia 3.International GPS Service for Geodynamics	PREASA	India Pacific
Name of funding Source(s)	1. University Research Committee (URC) 2. FSTE-Research Committee (FST-RC)		
Title of Project	Upper Atmospheric Investigation Using Atmospheric Weather Electromagnetic System For Observation, modelling, Education (AWESOME) , ELF-VLF Radio Wave Recorder		
Start Date	January 2010	End Date	June 2013
Research organization collaborating	1.Space, Telecommunication and Radio Science – Stanford University	STAR	USA
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		
Title of Project	Web Services-based Netpay Micro-payment System Architecture Design and Implementation		
Start Date	August 2008	End Date	July 2009
Research	1.Delft University of Technology		Netherands

organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		
Title of Project	An Efficient Micro-payment/Micro-credit System For Mash-up Type		
Start Date	March 2010	End Date	March 2014
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		
Title of Project	Microsoft.Net Based NetPay Micro-Payment System For Mobile Users		
Start Date	July 2010	End Date	November 2011
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		

Research Teams		4 of 7 teams
Name of Team	Natural Products and Food Science Research Group	
Name of the Coordinator	Dr. Surendra Prasad	
Email	prasad_su@usp.ac.fj	
Website	www.usp.ac.fj/FSTE	
Research and Development Sector	Agriculture and food supply Biology and Medicine Industry and industrial technology	
Source of Funding	Local Government Multilateral Donors University Research Committee	
Name of Researcher	Expertise	
Dr Surendra Prasad		
Dr Iktiar Ahmed		
Dr Tevita Voro		
Dr Jimaima Lako		
Dr Jagjit Khurma		
Dr Ketan Christi		
Dr Permal Deo		
Dr Uma Khurma		

Dr Anirudh Singh	
Dr Rajendra Prasad	
Dr Matakite Maata	

Projects			
Title of Project	Analysis of trans- Resveratrol in peanuts and Peanuts products		
Start Date	November 2009	End Date	October 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Bioactivity of Antioxidants from commonly consumed vegetables and root crops after simulated Gastrointestinal conditions		
Start Date	September 2009	End Date	September 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Food-born antibiotic Resistance Bacterial contaminants in poultry meat and its processing units in Fiji		
Start Date	July 2009	End Date	December 2010
Research organization collaborating			
Name of funding Source(s)	1. University Research Committee (URC) 2. FSTE-Research Committee (FST-RC) 3. AusAID		
Title of Project	In vivo and In vitro estimation of Glycaemic responses of Pacific Carbohydrates Foods		
Start Date	March 2009	End Date	March 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		
Title of Project	Isolation and Characterisation of Bioactive Compounds from the bark of <i>Mammea Odorata</i>		
Start Date	March 2008	End Date	September 2009
Research organization collaborating			

Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		
Title of Project	To isolate and characterized the cytotoxic components of the Fijian sponge <i>Plakinastrella mammillaris</i>		
Start Date	March 2010	End Date	March 2014
Research organization collaborating	Institute of Applied Science	IAS	Fiji
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC) 3. IAS		
Title of Project	The Antibacterial Efficacy of Fijian Honeys Against Bacteria Isolated from Diabetic Foot Ulcers		
Start Date	June 2008	End Date	June 2009
Research organization collaborating	1.Agriculture Department- Animal Health And Production 2.Colonial Memorial Hospital Lab 3.London Insulin Dependent Diabetes Trust- International Organisation	AD-AHP CWM IDDT	Fiji Fiji England
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC) 3. London Insulin Dependent Diabetes Trust- International Organisation		
Title of Project	Determination of Cadmium, mercury and tin in canned tomatoes, pears and soups in Fiji		
Start Date	May 2010	End Date	April 2011
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Electrical and Fluorometric Studies on Chemically Pretreated Bagasse Hydrolysates under Microwave Heating		
Start Date	September 2010	End Date	August 2012
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Extraction and Bioactivity testing of compounds from the Marine <i>Actinomyce</i> Genus <i>Salinispora</i>		
Start Date	March 2010	End Date	June 2011
Research organization collaborating			

Name of funding Source(s)	1. University Research Committee (URC) 2. FSTE-Research Committee (FST-RC)		
Title of Project	Food-borne antibiotic resistance bacterial contaminants in poultry meat and its processing units in Fiji		
Start Date	May 2010	End Date	April 2011
Research organization collaborating			
Name of funding Source(s)	1. University Research Committee (URC) 2. FST-Research Committee (FST-RC)		
Title of Project	Risk Assessment of Histamine in Fish and fish products in Fiji		
Start Date	October 2009	End Date	October 2010
Research organization collaborating	1. Secretariate of the Pacific Community 2. University Of Tasmania 3. Ministry of Health	SPC UT	Fiji Australia Fiji
Name of funding Source(s)	1. University Research Committee (URC) 2. FST-Research Committee (FST-RC) 3. University Of Tasmania		

Research Teams		5 of 7 Teams
Name of Team	Open Research Group	
Name of the Coordinator	Associate Professor Jito Vanualailai	
Email	vanualailai@usp.ac.fj	
Website	www.usp.ac.fj/FSTE	
Research and Development Sector	Information and Communication Technologies Industry and industrial technology Other - Mathematics	
Source of Funding	Multilateral Donors University Research Committee	
Name of Researcher	Expertise	
Jito Vanualailai		
Mr Satalaka Petaia		
Dr Iktiar Ahmed		
Mr Paula Raqeukai		
Ms Camari Koto		
Dr A Rajeshkannan		
Mr Robin Havea		
Dr Surendra Prasad		
Mr Praneel Chand		
Dr Bibhya Sharma		

Dr Sione Ma'u	
Mr Ravi Singh	
Dr Ketan Christi	
Dr Anand Tyagi	
Dr Uma Khurma	
Mr Sumesh Narayan	
Mr Tolu Muliaina	
Dr Z Li	
Dr Ed Lovell	
Dr A S Dia	
Dr Colin Ash	
Mr Atish Chand	
Dr Susan Pohlar	
Dr Rajendra Prasad	
Mr Asheesh Gautam	
Dr Tamarisi Yabaki	

Projects			
Title of Project	Assessing the Developmental Impacts of Migration and Remittances on Samoa		
Start Date	December 2009	End Date	December 2011
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Constructive Banach Algebra Theory: The Vidav-Palmer Theorem		
Start Date	December 2009	End Date	December 2010
Research organization collaborating	1.University of Canterbury	UoC	New Zealand
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Design and Fabrication of Diet-set Assembly for Compaction and Upsetting of Powder Metallurgy Preforms		
Start Date	October 2009	End Date	March 2010
Research organization collaborating			
Name of funding Source(s)	1. University Research Committee (URC) 2. FSTE-Research Committee (FST-RC)		
Title of Project	Development of a PC Based Computer Numerically		

	Controlled (CNC) Milling Machine		
Start Date	October 2009	End Date	October 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		
Title of Project	Discontinuous Control of a Swarm of Nonholonomic Agents		
Start Date	June 2009	End Date	December 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		
Title of Project	Doubly Nonholonomic Robots: Design , Trajectory Planning and Control, and Stimulations		
Start Date	July 2009	End Date	July 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		
Title of Project	Finite Volume Method for Incompressible Navier-Stokes Equation using Conservative Meshes		
Start Date	February 2009	End Date	February 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		
Title of Project	Least Squares Spectral Element and Mass Conservative Mesh Refinement Method For Incompressible Navier-Stokes Equations		
Start Date	September 2009	End Date	January 2010
Research organization collaborating	1.University of Technology		Netherlands
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Mathematical Programming in Stratified Random Sampling		
Start Date	July 2009	End Date	June 2013
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		

Title of Project	Application on Non-Linear Programming in Statistics		
Start Date	July 2010	End Date	June 2011
Research organization collaborating			
Name of funding Source(s)	1. University Research Committee (URC) 2. FSTE-Research Committee (FST-RC)		
Title of Project	Development of Densification Mechanism and forming Limit for Sintered Powder Metallurgy Steel Under Powder Perform Forging		
Start Date	February 2010	End Date	July 2011
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		
Title of Project	Ecosystem Based Management (EBM) : A new Approach for the Sustainable Development and Management of Tuna Fisheries and Resources in the Pacific Islands		
Start Date	October 2009	End Date	October 2010
Research organization collaborating	1.Secretariate of the Pacific Community 2.Secretariat of Pacific regional Environment Programme 3.Forum Fisheries Authority 4.WCPFC	SPC SPREP FFA	Fiji Samoa Solomon Fiji
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		
Title of Project	Investigating Idealism Constructive Banach Algebra		
Start Date	July 2010	End Date	December 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		

Research Teams		6 of 7 Teams
Name of Team	Environmental Engineering and Renewable Energy Research Group	
Name of the Coordinator	Dr Atul Raturi Dr Ahmed	

Email	atul.raturi@usp.ac.fj / ahmed_r@usp.ac.fj
Website	www.usp.ac.fj/FSTE
Research and Development Sector	Agriculture and food supply Energy Environment and climate Industry and industrial technology
Source of Funding	Local Government Bilateral Multilateral Donors University Research Committee
Name of Researcher	Expertise
Dr. R Ahmed	
Dr. Atul Raturi	
A Prof. A Singh	
Dr Jagjit Khurma	
Mr Mohd Tazil	
Mr Mohd Faizal	
Dr Surendra Prasad	
Mr Sumesh Narayan	
Mr Krishnil Ram	
Mr Hamendra Reddy	
Dr Rajendra Prasad	
Dr Ajal Kumar	
Mr Shivneel Prasad	
Mr Ronit Singh	
Mr Jai Gounder	

Projects			
Title of Project	Ethanol Production from selected Cassava varieties in Fiji and Testing of ethanol/petrol blends as automotive fuel.		
Start Date	August 2008	End Date	January 2010
Research organization collaborating	1.Fiji Department of Energy 2.Koronivia Reseach Station		Fiji Fiji
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC) 3.Fiji Department of Energy		
Title of Project	Frequency Control Analysis of wind farm using fuzzy logic technique		
Start Date	February 2008	End Date	February 2009
Research	1.Fiji Electricity Authority	FEA	Fiji

organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC) 3. Fiji Electricity Authority		
Title of Project	Preparation, Characterisation and Engine performance of coconut oil - based hybrid fuels		
Start Date	February 2008	End Date	July 2009
Research organization collaborating			
Name of funding Source(s)	1. University Research Committee (URC) 2. FSTE-Research Committee (FST-RC)		
Title of Project	Reactive Power Control of Wind Diesel Hybrid System		
Start Date	February 2008	End Date	February 2009
Research organization collaborating	1.Fiji Electricity Authority 2.Fiji Department of Energy	FEA DOE	Fiji Fiji
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC) 3. Fiji Electricity Authority		
Title of Project	Design, Fabrication and Performance Testing of a twisted 2-blade horizontal axis wind turbine		
Start Date	February 2009	End Date	January 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		
Title of Project	Study of Ocean Wave Characteristics and Assessment of Wave Energy Potential at Baravi, Viti Levu, Fiji		
Start Date	March 2009	End Date	January 2011
Research organization collaborating	1.Fiji Department of Energy 2.Korean Maritime University	DOE KMU	Fiji Korea
Name of funding Source(s)	1.FST-Research Committee (FST-RC) 2.Fiji Department of Energy 3.Korean Maritime University		
Title of Project	Comparisons of air flow characteristics in a vertical and horizontal turbine section of an oscillating water column(OWC) (EN 420 Project)		
Start Date	August 2010	End Date	December 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		

Title of Project	Cooling Load Estimation of a Hotel – Holiday Inn Suva		
Start Date	August 2010	End Date	November 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Design, construction and yield analysis of a 1.2kw stand-alone photovoltaic system		
Start Date	February 2009	End Date	February 2011
Research organization collaborating	University of New South Wales	UNSW	Australia
Name of funding Source(s)	1. US Embassy Grant 2.Faculty Research Committee (FRC)		
Title of Project	Design, Fabrication and Performance Testing of a 2-bladed horizontal Axis wind turbine		
Start Date	August 2010	End Date	November 2010
Research organization collaborating			
Name of funding Source(s)	1.FSTE-Research Committee (FST-RC)		
Title of Project	Experimental studies on low pressure flash evaporation for use in ocean thermal energy conversion plants. (EN420)		
Start Date	March 2010	End Date	June 2010
Research organization collaborating			
Name of funding Source(s)	1.FST-Research Committee (FST-RC)		
Title of Project	Experimental study of wave forces on an offshore wind turbine tower model		
Start Date	July 2010	End Date	November2010
Research organization collaborating			
Name of funding Source(s)	1.FST-Research Committee (FST-RC)		
Title of Project	Grid Connected Solar Power System- an optimal design for c-block at Fiji National University Samabula Campus		
Start Date	July 2010	End Date	December 2010
Research organization collaborating			
Name of funding	1.FST-Research Committee (FST-RC)		

Source(s)			
Title of Project	PIV experiments on wind turbine blades and wave energy devices		
Start Date	July 2010	End Date	August 2010
Research organization collaborating	1.Korean Maritime University	KMU	Korea
Name of funding Source(s)	1.FST-Research Committee (FST-RC) 2. Korean Maritime University		
Title of Project	Tidal Current assessment in Fiji and design of a tidal current turbine		
Start Date	August 2010	End Date	August 2011
Research organization collaborating			
Name of funding Source(s)	1.FST-Research Committee (FST-RC)		
Title of Project	To evaluate the performance of a direct injection diesel engine using biofuels and diesels		
Start Date	August 2010	End Date	November 2011
Research organization collaborating			
Name of funding Source(s)	1.FST-Research Committee (FST-RC)		

Research Teams		7 of 7 Teams
Name of Team	Sustainable Development & Livelihoods	
Name of the Coordinator	Dr. Eberhard Weber	
Email	weber_e@usp.ac.fj	
Website	www.usp.ac.fj/FSTE	
Research and Development Sector	Environment and climate Social and economic concerns	
Source of Funding	Bilateral Multilateral Donors University Research Committee	
Name of Researcher	Expertise	
Dr. Eberhard Weber		
Ramesh R		
S.Subbiah		
Manzul Hazarikal		

Conway Pene	
Camarti Koto	

Projects			
Title of Project	A GIS Approach to Flood Modelling in Western VitiLevu , Fiji as Baseline Information for Planning , Disaster Preparedness and Community Resilience		
Start Date	August 2010	End Date	April 2011
Research organization collaborating	1.APN 2.IUCN 3.SOPAC 4.Nadi Town Council		Fiji Fiji Fiji Fiji
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Climate Change Adaptation and Disaster Risk Management in Tonga: The Case Study of Tongatapu Island		
Start Date	February 2010	End Date	November 2010
Research organization collaborating			
Name of funding Source(s)	1.University Research Committee (URC) 2.Faculty Research Committee (FRC)		
Title of Project	Migration and Remittances In Samoa		
Start Date	February 2010	End Date	December 2011
Research organization collaborating			
Name of funding Source(s)	1. University Research Committee (URC) 2. FSTE-Research Committee (FST-RC)		
Title of Project	Perception and Awareness of Environmental Changes, Effects on Human Lives, Motivation for Adaptation. Psychological Assessment of Adaptation to Climate Change in Small Islands States		
Start Date	April 2010	End Date	December 2011
Research organization collaborating	1.APN 2.Humboldt-University Berlin		Fiji Germany
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		
Title of Project	Social and Ecological Adaptation to Climate and Environmental Change: A Case Study of Vegetation Change and Its Implication on Human Livelihoods in Tuvalu		
Start Date	February 2009	End Date	January 2010
Research	1.Secretariat of Pacific Community	SPC	Fiji

organization collaborating	& 2.Secretariat of Pacific regional Environment Programme	SPREP	Samoa
Name of funding Source(s)	1.University Research Committee (URC) 2.FST-Research Committee (FST-RC)		

University of Papua New Guinea (UPNG)

Type of Organization	University			
Address	PMB, Lae 411, Morobe, PNG			
Website	www.unitech.ac.pg			
Representative Name	Mr. Robert Leso – Excutive Officer Research			
Mandate	The university has been engaged primarily in teaching, but since 2005, greater emphasis has been given to research and postgraduate studies. It has now undertaken to promote a research culture. Research activities are channeled through the Research Committee which receives an annual budget for promotion of research by allocating funds for research projects and conference attendance by academics. The university has introduced Graduate Assistantship Program (GAP) in the form of scholarships for Masters and Ph D studies. Research funding is also outsourced from donor organization as mentioned in the following section			
Top 5 Donors	AusAid NZ Aid NARI Cooperation Office of Higher Education Morobe Provincial Government			
Research Budget	2008	2009	2010	Total
	35410 EUR	70820 EUR	88525.1 EUR	64800 EUR
Number of Research Employees	2008	2009	2010	Average
	715	715	715	715
Number of Publications	2008	2009	2010	Total
	20	70	80	170
Number of Thesis	2008	2009	2010	Total
	5	50	75	130
Number of Research Teams				

Research Teams		1 of 11 Team
Name of Team		
Name of the Coordinator	Basil Marasinghe	
Email		
Website		
Research and Development Sector	Environment and Climate Change	
Source of Funding		
Name of Researcher	Expertise	
Clant Alok		
Kemen Austin		

Projects			
Title of Project	A scientific study on the ability of PNG rainforests to mitigate climate change and global warming		
Start Date	2008	End Date	
Research organization collaborating	1.Chungnam National University 2. University of Tartum 3. Scripps Research Institute 4. National Taiwan Normal University 5. The Open University (Sri Lanka) 6. Kasetsart University (Thailand) 7. University of Jordan (Jordan)		South Korea Estonia USA
Name of funding Source(s)			

Research Teams		2 of 11 Team
Name of Team		
Name of the Coordinator	L.Digim'Rina	
Email		
Website		
Research and Development Sector	Social and economic concerns	
Source of Funding	National government	
Name of Researcher	Expertise	
L.Digim'Rina		

B.Sagir	
D.Kombako	
V. Kewibu	

Projects			
Title of Project	Contributing Factors towards Sorcery & Witchcraft Killings in PNG		
Start Date	2008	End Date	
Research organization collaborating			
Name of funding Source(s)			

Research Teams		3 of 11 Team
Name of Team		
Name of the Coordinator	John K. Kamadua	
Email		
Website		
Research and Development Sector	Social and economic concerns	
Source of Funding	National government	
Name of Researcher	Expertise	

Projects			
Title of Project	Help-seeking Behavior		
Start Date		End Date	
Research organization collaborating			
Name of funding Source(s)	SHSS Research Fund		

Research Teams	4 of 11 Team
-----------------------	---------------------

Name of Team	Journalism Training
Name of the Coordinator	Leo Wafiwa
Email	
Website	
Research and Development Sector	Social and economic concerns
Source of Funding	National government
Name of Researcher	Expertise

Projects			
Title of Project	Uni Tavor (Journalism training newspaper)		
Start Date		End Date	
Research organization collaborating			
Name of funding Source(s)	SHSS Research Fund		

Research Teams	5 of 11 Team
Name of Team	
Name of the Coordinator	Peter Yearwood
Email	
Website	
Research and Development Sector	Agriculture and food supply Industry and industrial technology Social and economic concerns
Source of Funding	National government
Name of Researcher	Expertise

Projects			
Title of Project	The Development of Coffee Production in Nebilyer, Papprabuk, WHP		
Start Date		End Date	

Research organization collaborating			
Name of funding Source(s)	SHSS Research Fund		

Research Teams		6 of 11 Team
Name of Team		
Name of the Coordinator	Manah Dindi	
Email		
Website		
Research and Development Sector	Biology and medicine	
Source of Funding	National government	
Name of Researcher	Expertise	
Manah Dindi		
Janet Gagul		
Christina Gabion		

Projects			
Title of Project	Determining anti-microbial and anti-HIV activities from selected medicinal plants		
Start Date	2008	End Date	
Research organization collaborating	1. Chungnam National University 2. University of Tartum 3. Scripps Research Institute 4. National Taiwan Normal University 5. The Open University (Sri Lanka) 6. Kasetsart University (Thailand) 7. University of Jordan (Jordan)		South Korea Estonia USA
Name of funding Source(s)			

Research Teams		7 of 11 Team
Name of Team		
Name of the Coordinator	Osia Gideon	

Email	
Website	
Research and Development Sector	Biology and medicine Social and economic concerns
Source of Funding	National government
Name of Researcher	Expertise
Osia Gideon	Plant Systematics, Plant Diversity and Conservation, Reproductive Ecology of New Guinea Endemic Plants, New Guinea Biogeography, History of New Guinea botany.
Augustine Mungkaje	Fish Ecology, Marine and Freshwater Ecology, Vertebrate Zoology, Biometry & Multivariate Statistics in Ecology, Fisheries Development and Management, Environmental (Ecological) Impact Assessment.

Projects			
Title of Project	Biology, socioeconomics and management of the Hairback Herring (<i>Nematolosa come</i>) in the Bwemapou Lagoon of the Trobriand Islands		
Start Date	2008	End Date	
Research organization collaborating			
Name of funding Source(s)	Office of Higher Education		

Research Teams		8 of 11 Team
Name of Team		
Name of the Coordinator	Peter Yearwood	
Email		
Website		
Research and Development Sector	Agriculture and food supply Industry and industrial technology Social and economic concerns	
Source of Funding		
Name of Researcher	Expertise	

--	--

Projects			
Title of Project	The Development of Coffee Production in Nebilyer, Papprabuk, WHP		
Start Date	2008	End Date	
Research organization collaborating			
Name of funding Source(s)	SHSS Research Fund		

Research Teams		9 of 11 Team
Name of Team		
Name of the Coordinator	Ralph Mana	
Email		
Website		
Research and Development Sector	Biology and Medicine Social and economic concerns	
Source of Funding	Bilateral Funding – Not specified	
Name of Researcher	Expertise	
Ralph Mana	Zoophysiology (Sensory Physiology), Histological Techniques, Electron Microscopy, Electrophysiological techniques, Animal Behaviour	

Projects			
Title of Project	Behavioural and electrophysiological studies in freshwater crayfish		
Start Date	2009	End Date	2010
Research organization collaborating	Kagoshima University		Japan
Name of funding Source(s)	Japan Students Services Organization (JASSO)		

Research Teams		10 of 11 Team
Name of Team		

Name of the Coordinator	Sakarepe Kamene
Email	
Website	
Research and Development Sector	Social and economic concerns
Source of Funding	National Government
Name of Researcher	Expertise

Projects			
Title of Project	Language, Culture & Moral Concepts in Zia Community		
Start Date		End Date	
Research organization collaborating			
Name of funding Source(s)	SHSS Research Fund		

Research Teams		11 of 11 Team
Name of Team	Climate Change and Sustainable Development	
Name of the Coordinator	Simon Saulei (Director)	
Email	cccsdinfo@upng.ac.pg	
Website		
Research and Development Sector	Environment and climate	
Source of Funding	National government Foundations NGOs Bilateral Donors - Not Specified Multilateral Donors - Not Specified	
Name of Researcher	Expertise	
Academic staff	SNPS (Biology, Chemistry & ESG)	
Eric Kwa	(UPNG School of Law)	
Theo Yasause	(Director, Office of Climate Change and Carbon Trade)	
Samuel Maiha		

Lester Seri	(NGO Rep)
Simon Saulei	Forest Ecology and Management, Plant Population Ecology, Biodiversity and Conservation, Aquatic Biology and Ecology, Carbon Sequestration by Forests, Vulnerability and Adaption of Plants

Projects			
Title of Project	The Centre for PNG Research Framework for Action on Climate Change and Sustainable Development		
Start Date	2009	End Date	2018
Research organization collaborating			
Name of funding Source(s)			

University of Natural Resource & Environment

Type of Organization
Address
Website
Representative Name
Mandate
Top 5 Donors

Research Budget	2008	2009	2010	Total
Number of Research Employees	2008	2009	2010	Average
Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total
Number of Research Teams				

Research Teams		1 of 5 Team
Name of Team		
Name of the Coordinator	Alan Quatermain	
Email		
Website		
Research and Development Sector	Biology and medicine Agriculture and food supply	
Source of Funding	National Government	
Name of Researcher	Expertise	
Jennie Waira		
Gloria Tenga		
Kundo Hundang		
Ms. Jane		
Ann Chan (PI)		

Projects			
Title of Project	Nutritional Values of Selected Traditional Green Leafy Vegetables		
Start Date	July 2008	End Date	September 2009
Research organization collaborating			
Name of funding Source(s)	Office of Higher Education		

Research Teams		2 of 5 Team
Name of Team		
Name of the Coordinator	Felix Gitai	
Email		
Website		
Research and Development Sector	Biology and medicine Agriculture and food supply	
Source of Funding	National Government	
Name of Researcher	Expertise	
Hefung Hati	Nutrient Recycling, Soil Quality and Environment	
Felix Gitai	Soil Physics, Soil and Water Management	

Projects			
Title of Project	Soil resource utilization and management: nutrients and water dynamics under different land uses in maritime volcanic soils.		
Start Date	November 2009	End Date	June 2010
Research organization collaborating			
Name of funding Source(s)	Office of Higher Education		

Research Teams		3 of 5 Team
Name of Team		
Name of the Coordinator	Joachim Pitala (PI)	

Email	joachimpitala@gmail.com		
Website			
Research and Development Sector	Biology and medicine Agriculture and food supply		
Source of Funding	National Government		
Name of Researcher	Expertise		

Projects			
Title of Project	Dry Matter Production of Five Valangur (<i>Polyscias sp.</i>) Varieties		
Start Date	March 2008	End Date	June 2008
Research organization collaborating			
Name of funding Source(s)	UNRE Research Fund		

Research Teams			4 of 5 Team
Name of Team			
Name of the Coordinator	Kathleen Diapong		
Email			
Website			
Research and Development Sector	Biology and medicine Agriculture and food supply		
Source of Funding	National Government		
Name of Researcher	Expertise		

Projects			
Title of Project	Mulberry Leaf as an Animal Feed for Pigs and Broiler Chickens		
Start Date	July 2010	End Date	November 2010
Research organization collaborating			

Name of funding Source(s)	Office of Higher Education
---------------------------	----------------------------

Research Teams		5 of 5 Team
Name of Team		
Name of the Coordinator	Michelle L. Jambui	
Email		
Website		
Research and Development Sector	Biology and medicine Agriculture and food supply	
Source of Funding	National Government	
Name of Researcher	Expertise	

Projects			
Title of Project	Variation in Productivity of Crossbred Layer Chickens		
Start Date	June 2010	End Date	October 2010
Research organization collaborating			
Name of funding Source(s)	Office of Higher Education		

University of Goroka

Type of Organization University
Address PO Box 1078, Goroka, Eastern Highlands Province
Website
Representative Name
Mandate
Top 5 Donors

Research Budget	2008	2009	2010	Total

Number of Research Employees	2008	2009	2010	Average
Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total
Number of Research Teams				

Research Teams		1 of 3 Team
Name of Team	Natural Resources Research and Development	
Name of the Coordinator	Pooranalingham Jeyarathan	
Email		
Website		
Research and Development Sector	Biology and medicine	
Source of Funding	National Government	
Name of Researcher	Expertise	
L. Siwi		
Robert Pomaleu		
Julie Kep		
Savitha De Britto		
Sheila Take	(postgrad student)	

Projects			
Title of Project	The Correlation between Betelnut Chewing and Glycemic Conditions, Diabetes and Cardiovascular Diseases amongst the Highlanders of Papua New Guinea		
Start Date		End Date	
Research organization collaborating			
Name of funding Source(s)	Office of Higher Education		

Research Teams	2 of 3 Team
-----------------------	--------------------

Name of Team	Faculty of Sciences
Name of the Coordinator	Sandra Ninjipa
Email	
Website	
Research and Development Sector	Biology and medicine
Source of Funding	National Government
Name of Researcher	Expertise
L. Siwi	
Robert Pomaleu	
Julie Kep	
Savitha De Britto	
Sheila Take	(postgrad student)
Maragaret Kendyagl	

Projects			
Title of Project	Prevalence of Type 2 diabetes mellitus, hypertension and obesity in adult population of urban communities of Southern Highlands Province		
Start Date	September 2010	End Date	October 2010
Research organization collaborating			
Name of funding Source(s)	Office of Higher Education		
Title of Project	The Prevalence Rate of Obesity and Hyertension with Age amongst Papua New Guineans		
Start Date	October 2009	End Date	
Research organization collaborating			
Name of funding Source(s)	Office of Higher Education		

Research Teams		3 of 3 Team
Name of Team	Microbial Natural Products Research Team	
Name of the Coordinator	Stewart Wossa	

Email	wossas@uog.ac.pg
Website	
Research and Development Sector	Biology and medicine
Source of Funding	National Government
Name of Researcher	Expertise
David N. Leach	
Topul Rali	Organic synthesis of natural products, extraction and analysis of novel essential oils, market evaluation of essential oils, spice oleoresin synthesis, quality control of medicinal plants, research & development of natural products in PNG, peptide isolation from plants, purification and structure determination, biological activity of plants and phytochemistry.
John Banda	
Pooranalingam Jeyarathan	
John Banda	
Passinghan Igua	
David N. Leach	
Bruce Bowdens	
Peter Warn	
Kipiro Damas	
Billy Bau	
Bill Habiri	

Projects			
Title of Project	Taxonomic Documentation and Phytochemical Evaluation of the Aromatic Plant Diversity of Papua New Guinea		
Start Date	2009	End Date	2011
Research organization collaborating			
Name of funding Source(s)			
Title of Project	Volatile Chemical Constituents in Essential Oils from the Aromatic Plant Diversity of PNG		
Start Date		End Date	
Research organization collaborating	University of Papua New Guinea Southern Cross University		PNG Australia
Name of funding Source(s)	Office of Higher Education		
Title of Project	Chemistry of Essential Oils from Endemic Aromatic Plants		

	Their Economic Potential and Policy Initiatives		
Start Date	September 2010	End Date	October 2010
Research organization collaborating	University of Papua New Guinea		
Name of funding Source(s)	1. Office of Higher Education 2. UOG URPC 3. UPNG Research Fund		
Title of Project	Medicinal and Pesticidal Activities of Medicinal and Aromatic Plant Extracts		
Start Date	October 2009	End Date	
Research organization collaborating	1. James Cook University 2. Southern Cross University 3. Manchester University	JCU SCU MU	Australia Australia UK
Name of funding Source(s)	1. Office of Higher Education 2. UOG URPC		
Title of Project	Comparative Studies Bioactive Fungal Secondary Metabolites Produced under Natural and Artificial Conditions.		
Start Date		End Date	
Research organization collaborating	Australian National University	ANU	Australia
Name of funding Source(s)	Office of Higher Education		

University of Technology (UniTech)

Type of Organization
Address
Website
Representative Name
Mandate
Top 5 Donors

Research Budget	2008	2009	2010	Total
Number of Research Employees	2008	2009	2010	Average
Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total
Number of Research Teams				

Research Teams		1 of 1 Team
Name of Team	Department of Mechanical Engineering	
Name of the Coordinator	K.E.D Sumanasiri (PI)	
Email		
Website		
Research and Development Sector	Industry and industrial technology	
Source of Funding	National Government	
Name of Researcher	Expertise	
Korokan Ales		
Jeremiah Kami		
Griffiths Konmil		
Joshua Gela		

Projects			
Title of Project	Production and Testing of Natural Fibre reinforced Polymer Composites		
Start Date	September 2009	End Date	

Research organization collaborating			
Name of funding Source(s)	Office of Higher Education		

Ministry of Natural Resources and Environment Samoa

Type of Organization	Public Governmental
Address	DBS Building Level 3, Beach Road Apia, Samoa
Website	www.mnre.gov.ws
Representative Name	Aleipata Manila
Mandate	Research by respective division are supported through (I) capacity building (II) VIK services
Top 5 Donors	GEF JODA AUS AID NZAID IUCN

Research Budget	2008	2009	2010	Total
	SAT\$ 2.1m	SAT\$ 2.15m	SAT\$ 3m	SAT5.25m
Number of Research Employees	2008	2009	2010	Average
	248	258	300	
Number of Publications	2008	2009	2010	Total
	0	0	0	0
Number of Thesis	2008	2009	2010	Total
	0	0	0	0
Number of Research Teams				

Research Teams	1 of 1 Team
Name of Team	All 9 Divisions of MNRE have their own Research Staff
Name of the Coordinator	
Email	
Website	
Research and	Agriculture and food supply

Development Sector	Biology and medicine Energy Environment and climate
Source of Funding	National government Regional organisation
Name of Researcher	Expertise
Faleafaga Toni T	Environment and Conservation
Mataia Uaine Silailai	Renewable Energy and EE
Patea Setefano	Land Management
Tupai Steve Brown	Global Environment Facility
Safuta Ilalio	Technical Services
Tagaloa Jude K	Urban Management
Taupau Maturo Paniani	Forestry
Mulipola Ausitalia	Meteorology
Sulumalo Amataga	Water

Scientific Research Organization of Samoa

Type of
Organization
Address
Website
Representative
Name
Mandate

Research Budget	2008	2009	2010	Total
Number of Research Employees	2008	2009	2010	Average
Number of Publications	2008	2009	2010	Total
	0	0	0	0
Number of Thesis	2008	2009	2010	Total
	0	0	0	0
Number of Research Teams	3			

Research Teams		1 of 3 Team
Name of Team	Plant & Food Technology Division	
Name of the Coordinator	Kuinimeri Asora Finau	
Email	Kuinimeri.Finau@sros.org.ws	
Website	www.sros.org.ws	
Research and Development Sector	Agriculture and food supply	
Source of Funding	National government Multilateral Donors	
Name of Researcher	Expertise	
Seesei Molimau	Agriculture & Food supply	
Lomia Tuala	Agriculture and food supply	
Tulia Molimau	Agriculture & Food supply	
Luanda Epa	Agriculture & Food supply	

Projects			
Title of Project	Postharvest Treatments: A vehicle for good economic returns on breadfruits and papaya exports		
Start Date	November 2011	End Date	

Research organization collaborating			
Name of funding Source(s)	FAO National Government		
Title of Project	The Effects of Chemical and Microbiological Contamination on Vaitoloa Mangrove and its Ecosystem		
Start Date	September 2008	End Date	February 2009
Research organization collaborating			
Name of funding Source(s)	National Government		
Title of Project	Nutritional & Sensory Evaluation of new Taro varieties for the export market		
Start Date	January 2010	End Date	March 2010
Research organization collaborating			
Name of funding Source(s)	National Government		
Title of Project	Fermentation of Samoan Cocoa		
Start Date	2008	End Date	
Research organization collaborating			
Name of funding Source(s)			
Title of Project	Plant Improvement & Diversification Project		
Start Date	2010	End Date	
Research organization collaborating			
Name of funding Source(s)			

Research Teams		2 of 3 Team
Name of Team	Industrial Research	
Name of the Coordinator	Gaufa Salesa-Fetu	
Email	Gaufa.fetu@sros.org.ws	
Website	www.sros.org.ws	
Research and Development Sector	Agriculture and food supply Industry and industrial technology	
Source of Funding	National government	

	Bilateral Donors – AusAid
Name of Researcher	Expertise
Gaufa Salesa-Fetu	Food production and security, Industrial manufacturing and Biotechnology,
Notise Faumuina	Agricultural Biotechnology, Agriculture
Luao Faatili	Food production

Projects			
Title of Project	Avocado Oil		
Start Date	March 2010	End Date	March 2011
Research organization collaborating			
Name of funding Source(s)	AusAid		
Title of Project	Breadfruit Flour		
Start Date	Jan 2009	End Date	February 2009
Research organization collaborating			
Name of funding Source(s)	Government Samoa		

Research Teams		3 of 3 Team
Name of Team	Environment and Renewable Energy Division	
Name of the Coordinator	Taitosaua Eddie Winterstein	
Email	eddie.winterstein@sros.org.ws	
Website	www.sros.org.ws	
Research and Development Sector	Energy Environment and climate	
Source of Funding	National government Bilateral Donors: AusAID, NZAID, Govt. Of Turkey Multilateral Donors: Govts of Austria and Italy via IUCN	
Name of Researcher	Expertise	
Taitosaua Eddie Winterstein	Manager, Environment and Renewable Energy Division	
Ray Faamausili	Consultant, Renewable Energy,	
Pousui Dr Fiame Leo	Principal Research Scientist	
Eiko Fuimaono	Senior Research Scientist	

Tiaseu Timoteo	Research Scientist
Sara Vaai	Research Scientist
Jolivette Ete	Research Scientist
Oneru Matamu	Technical Officer

Projects			
Title of Project	Coconut Biodiesel Production Project		
Start Date	July 2009	End Date	July 2012
Research organization collaborating	University of New South Wales	UNSW	Australia
Name of funding Source(s)	Government of Austria and Italy via IUCN Government of Samoa		
Title of Project	Bioethanol Production Project		
Start Date	June 2008	End Date	
Research organization collaborating	University of New South Wales	UNSW	Australia
Name of funding Source(s)	Turkey Government		

Sugar Research Institute of Fiji

Type of Organization	Public Institution
Address	P O Box 3560, Lautoka
Website	www.info@srif.org.tk
Representative Name	Jai Shree Gawander
Mandate	The objective of the Sugar Research Institute of Fiji is to advance our sugar industry be excellence in research to improve productivity
Top 5 Donors	<ol style="list-style-type: none"> 1. Republic of Fiji Islands government 2. Sugar Cane Growers Council 3. Fiji Sugar Corporation 4. European Commission

Research Budget	2008	2009	2010	Total
Number of Research Employees	2008	2009	2010	Average
Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total
Number of Research Teams	3			

Research Teams		1 of 1Team
Name of Team	Crop Production	
Name of the Coordinator	Jai Shree Gawander	
Email	jai@srif.org.fj	
Website	www.info@srif.org.tk	
Research and Development Sector	Agriculture and food supply	
Source of Funding	National government Associations Other: Sugar miller, Fiji Sugar Cooperation	
Name of	Expertise	

Researcher	
Prema N Naidu	
Saimone Johnson	
Desmond Kumar	
Nemani Soli	
Amit R Singh	
Muni S Gounder	
Karishma Mala	
Doreen Ram	
Nalini Prasad	
Andreen Kiran	

Projects			
Title of Project	Crop Improvement		
Start Date	Yearly Routine	End Date	Yearly Routine
Research organization collaborating			
Name of funding Source(s)	National Government		
Title of Project	Crop Protection		
Start Date	Yearly Routine	End Date	Yearly Routine
Research organization collaborating			
Name of funding Source(s)	National Government		
Title of Project	Crop Production		
Start Date	Yearly Routine	End Date	Yearly Routine
Research organization collaborating			
Name of funding Source(s)	National Government		

University of Fiji

Type of Organization	Public University
Address	Private Mail Bag, Saweni, Lautoka
Website	www.unifiji.ac.fj
Representative Name	Dr. Asinate Mausio
Mandate	Presently the research has been carried out on an individual basis on local projects
Top 5 Donors	1. Republic of Fiji Islands government

Research Teams		1 of 1Team
Name of Team	UniFiji Research Committee	
Name of the Coordinator	Dr. Asinate Mausio	
Email	info@unifiji.ac.fj	
Website	www.unifiji.ac.fj	
Research and Development Sector	Biology and medicine Social and economic concerns	
Source of Funding	National government	
Name of Researcher	Expertise	

**Cook Islands Whale Research, Center for Cetacean Research & Conservation
and Cook Islands Whale & Wildlife Centre**

Type of Organization	NGO
Address	PO Box 3069 Avarua
Website	www.whaleresearch.org
Representative Name	Nan Daeschler Hauser - Director
Mandate	<p>Cook Islands Whale Research (CIWR) was founded in 1991 to promote whale research, education and conservation in the Cook Islands. In 1999 CIWR was formed as an independent NGO. It has since grown to be included in the South Pacific Whale Research Consortium (SPWRC) which embraces similar work in French Polynesia, New Caledonia, Tonga, New Zealand, Australia and, to a lesser extent, Fiji, Vanuatu, and Samoa.</p> <p>From its inception, CIWR has been deeply concerned about the commercial exploitation of cetaceans, especially those species that are threatened or endangered. Although we have worked extensively with other species of cetaceans, we often focus on humpback whales: especially on the identification of individuals and populations, on acoustic and genetic analysis, and on the behaviour and migration patterns (using satellite tags). We have taken our findings to policy makers and the International Whaling Commission; publicized our research on radio and television; and proposed sanctuaries for a variety of cetacean species. As a result of our research, the government of the Cook Islands created the first whale sanctuary in Oceania (2001). Other members of the South Pacific Whale Research Consortium encouraged neighboring countries to follow suit; consequently, a majority of “exclusive economic zones” throughout Oceania have now been declared “whale sanctuaries”.</p>
Top 5 Donors	<p>Joan Daeschler (Private)</p> <p>Helen Bassett (Private)</p> <p>International Fund for Animal Welfare</p> <p>Center for Cetacean Research & Conservation</p> <p>lity Charitable Trust</p>

Research Budget	2008	2009	2010	Total
	24,752.98	24,752.98	24,752.98	35,365.65
Number of Research Employees	2008	2009	2010	Average
	3	3	3	
Number of Publications	2008	2009	2010	Total
				25
Number of Thesis	2008	2009	2010	Total
				0
Number of Research Teams	1			

Ministry of Agriculture, Food, Forests & Fisheries - Tonga

Type of Governmental

Organization
Address Queen Salote Wharf, Vuna Rd, Nuku'alofa - Tonga
Website
Representative Name VILIAMI TOALEI MANU – Deputy Director
Mandate Conduct researches in plant, animal and fish production , protection and conservation of land, agricultural and marine resources
Top 5 Donors Government - Tonga
Food & Agricultural Organ
Secretariat of the Pacific Community

Research Budget	2008	2009	2010	Total
	284,337.52 EUR	430,176.23 EUR	368,218.35 EUR	1082732.10
Number of Research Employees	2008	2009	2010	Average
	42	39	38	39
Number of Publications	2008	2009	2010	Total
				25
Number of Thesis	2008	2009	2010	Total
			1	1
Number of Research Teams	3			

Research Teams		1 of 1 Team
Name of Team	Agricultural & Fisheries Research	
Name of the Coordinator	VILIAMI TOALEI MANU	
Email	mafsoils@kalianet.to, maf-qcmd@kalianet.to	
Website		
Research and Development Sector	Agriculture and food supply	
Source of Funding	National Government	
Name of Researcher	Expertise	
1. Sione Foliaki	Manager of Research Division	
2. Dr Viliami Kami	Entomologist Plant protection Research	
3. 'Otenili Pifeleti	Livestock Research Scientist	
4. Luseane Taufa	Plant Pathologist Plant Protection Research	
5. Tevita Tapaevalu	Agronomist Crop production Research	
6. Vunisesi Minoneti	Soil Scientist	
7. Poasi Ngaluafe	Fisheries Research Scientist	
8. Siola'a MAlimali	Fisheries Research Scientist	
9. Tu'ikolongahau Halafihi	Fisheries Research Scientist	
10. Heimuli Likiafu	Forestry Research Scientist	

Ministry of Environment and Climate Change - Tonga

Type of Organization Governmental
Address P.O Box 917, Nuku'alofa, Tonga
Website
Representative Name Dorothy Kwansing Foliaki – Conservation Officer
Mandate We are responsible for reviewing Environmental Impact assessment reports. We are researching on renewable energy alternatives that Tonga can use for sustainable development and reduce dependence on fossil fuels. We are also carrying out monitoring of our reefs and currently surveying mangroves.

Top 5 Donors

AUSAID
 JAICA
 EU
 ADB
 Germany

Research Budget	2008	2009	2010	Total
	724,354.28 EUR	248,305.13 EUR	881,907.27 EUR	1854566.68
Number of Research Employees	2008	2009	2010	Average
	30	35	20	28
Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total
Number of Research Teams				

Research Teams		1 of 1 Team
Name of Team	Energy Division	
Name of the Coordinator	'Ofa Sefana	
Email	ofasefana@yahoo.com	
Website		
Research and Development Sector	Energy	
Source of Funding	Regional organisation Government Joint Regional Organisation funds	
Name of Researcher	Expertise	
1. 'Ofa Sefanai	Energy Planner	
2. Holomeesi Malolo	Petroleum & Data	
3. 'Ofa Takai	Solar PV	
4. Kakau Foliaki	Renewable Energy	
5. Kipola So'otanga	Renewable Energy	

Projects			
Title of Project	Pacific Islands Greenhouse Gas Abatement through Renewable Energy Project. (A GEF funded project through SPREP regional program)		
Start Date	2006	End Date	2010
Research organization collaborating	1. SPREP 2. Ministry of Environment & Climate Change 3. GEF	MECC	Samoa Tonga
Name of funding Source(s)	1. SPREP 2. GEF		
Title of Project	Italian & Austrian funding through IUCN to accelerate the transition to national energy sectors that are ecologically efficient, and socially equitable, through design and implementation of renewable energy and energy efficiency projects.		
Start Date	2008	End Date	2011
Research organization collaborating	1. IUCN 2. Ministry of Environment & Climate Change 3. Government of Italy & Austria	MECC	Tonga
Name of funding Source(s)	1. Government of Italy 2. Government of Austria 3. IUCN		
Title of Project	Solar Home System (SHS) rehabilitation project for approximately 444 households in 11 remote islands of Vava'u, 'Eueiki & 'Atataa in Tongatapu		
Start Date	2009	End Date	2010
Research organization	1. Japan International Cooperation	JICA	Tonga

collaborating	Agency 2. Ministry of Environment & Climate Change	MECC	
Name of funding Source(s)	1.JICA		

TUPOU TERTIARY INSTITUTE - Tonga

Type of Organization Non Public Institute
Address FASI, NUKU'ALOFA
Website
Representative Name Mr Samiuela Fonua - Dean
Mandate Review the ICT Policy framework for TONGA
Top 5 Donors

Research Budget	2008	2009	2010	Total
	20000	25000		45000
Number of Research Employees	2008	2009	2010	Average
	2	2	2	2
Number of Publications	2008	2009	2010	Total
			2	2
Number of Thesis	2008	2009	2010	Total
Number of Research Teams	1			

Research Teams		1 of 1 Team
Name of Team	TTI research centre	
Name of the Coordinator	'Mr Samiuela Fonua	
Email	Samiu.fonua@tti.to	
Website		
Research and Development Sector	Information and communication technology	
Source of Funding	National government	
Name of Researcher	Expertise	
1. Samiuela Fonua	Information technology	
2. Siosuia Fonua	Information technology	
3. Viliami Finau	Information technology	

Projects			
Title of Project	National Database for Tonga		
Start Date	12/5/2008	End Date	12/12/2008
Research organization collaborating			
Name of funding Source(s)			

Institute of Education – USP Tonga Campus

Research Teams	1 of 1 Team
-----------------------	--------------------

Name of Team	Institute of Education, USP
Name of the Coordinator	IOE Director
Email	Johanssonfua_s@usp.ac.fj
Website	www.usp.ac.fj/ioe
Research and Development Sector	Information and communication technology Social and economic concerns
Source of Funding	National government State government Regional organisation Bilateral Donors :NZAP, AusAID Multilateral Donors :ADB, WB, SPC, etc
Name of Researcher	Expertise
1. Dr Seu`ula Johansson Fua	Education
2. Dr Masasso Paunga	Economics
3. Dr Mo`ale `Otunuku	Education
4. Dr Kevin Smith	Information Technology & Education
5. Dr Jinnet Fowles	Health, Information Technology

Pacific Public Policy

Type of Organization	NGO
Address	PMB 9034, Port Vila
Website	www.pacificpolicy.org
Representative Name	Anna Sirimai Naemon
Mandate	The Pacific Institute for Public Policy (PiPP) is an independent, non-partisan and non-profit organisation that is registered and based in Port Vila, Vanuatu. Governed by a constitution and overseen by a Board of Directors, the institute draws on an international Advisory Council, including a number of regional trade experts. Through its research arm, the institute is a key provider of policy analysis and research to governments, civil society organisations, donors and others working in the development sectors. PiPP is able to draw on the

talents of a number of indigenous and international consultants, researchers and advisors throughout the Pacific. The team members have hands-on experience and knowledge of Pacific issues. The Advisory Council provides peer review for the institute's research.

PiPP exists to stimulate and support policy debate in the Pacific through the exchange of dialogue, knowledge and experience between academics, policy practitioners, political decision-makers and their constituents. We do that by: conducting original research that is grounded in empirical analysis; communicating research outcomes in user relevant languages and formats; providing an inclusive forum for informed debate on contemporary policy issues; and facilitating dialogue between policy stakeholders (academia, development practitioners, government officials, elected leaders and their constituents) building trust, understanding and consensus for action.

PiPP is ideally placed to conduct researches covering policy issues on: Information Communications Technology (ICT), finance, economic, trade, climate change, environment, gender-related issues and other related socio-economic sectors drawing on an extensive network of professionals, including regional ICT/telecommunication expertise. PiPP conducts high quality research in the Pacific using local capacity in partnership with international researchers. All research is peer reviewed by members of the PiPP advisory council, which is made up of eminent past and present policy makers, academics and policy practitioners. In its research and communications functions, PiPP prioritises a participatory approach, and seeks to inform, engage and connect principal stakeholders, promoting fraternity and improving information flows and dialogue.

Top 5 Donors
AUSAid

Research Budget	2008	2009	2010	Total
	69,963.84 EUR	69,963.84 EUR	0	46642.56
Number of Research Employees	2008	2009	2010	Average
Number of Publications	2008	2009	2010	Total
	1	1	0	1
Number of Thesis	2008	2009	2010	Total
Number of Research Teams				

Research Teams		1 of 1 Team
Name of Team	Research Section	
Name of the Coordinator	Anna Sirimai Naemon	
Email	anaemon@pacificpolicy.org	
Website	www.pacificpolicy.org	
Research and	Information and communication technology	

Development Sector	
Source of Funding	National government
Name of Researcher	Expertise
1. Anna Sirimai Naemon	Social and Economic concerns and Information Communication Technology (ICT)
2. Frida Bani	Social and Economic and ICT
3. Linda Keni	Social and Economic and ICT

JAM Consulting - Vanuatu

Research Teams		1 of 2 Team
Name of Team	JAM Consulting	
Name of the Coordinator	John Maseiras	
Email	jam@vanuatu.com.vu	
Website	www.puredesign.com.vu	
Research and Development Sector	Information and communication technology	
Source of Funding	Multilateral - EU	
Name of Researcher	Expertise	
John Maseiras		

Projects			
Title of Project	Training Needs Assessment		
Start Date	2005	End Date	
Research organization collaborating	1. Vanuatu Institute of Technology	VIT	Vanuatu
Name of funding Source(s)	EU		

Research Teams		2 of 2 Team
Name of Team	JAM Consulting	
Name of the Coordinator	Tony Ligo	
Email	ganiboe@gmail.com, tony.ligo@tvf.net.vu	
Website	www.puredesign.com.vu	
Research and Development Sector	Information and communication technology	

Source of Funding	Multilateral - EU
Name of Researcher	Expertise
John Maseiras	

Projects			
Title of Project	Establishing Market trend for Digicel Vanuatu		
Start Date	2006	End Date	
Research organization collaborating	1. Site Acquisition Service 2. Andersons Consulting 3. Government of Vanuatu	SAS	Vanuatu Australia Vanuatu
Name of funding Source(s)	EU		

Overseas Country Territories (OCT)

BLUECHAM SAS

Type of Organization	Small and Medium Organisation
Address	1, rue Gabriel Laroque, 98800 Nouméa Nouvelle-Calédonie
Website	http://www.bluecham.net
Representative Name	Didier Lille Président Directeur Général Email: Didier.lille@bluecham.net
Mandate	Bluecham développe des solutions de « Cloud Computing Environnemental » dont l'objectif est de mutualiser par Internet l'ensemble des ressources et connaissances relative à un territoire : bases de données, modèles, moyens de calculs, moteurs de recherche, documents, annuaires d'experts, réseaux de communication, etc. Ces solutions s'appuient en particulier sur l'interopérabilité standardisée, l'analyse de données spatiales et la spatialisation des données sociales.
Top 5 Donors	<ul style="list-style-type: none"> ✓ Oseo-ANVAR ✓ CNRT « Nickel et son Environnement » ✓ IRD

Research Budget	2008	2009	2010	Total
Number of Research Employees	2008	2009	2010	Average
	6	7	8	7
Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total
Number of Research Teams				

Centre National de Recherche Technologique Nickel et son environnement

Type of Organization	Public Groupement intérêt public GIP
Address	101 Promenade Roger Laroque, 98 857 Nouméa Cedex Nouvelle-Calédonie
Website	http://www.cnrt.nc
Representative Name	Robineau Bernard – directeur bernard.robineau@cnrt.nc
Mandate	<p>Le GIP "CNRT Nickel et son environnement" a pour objet la mise en commun et la gestion de moyens pour réaliser des programmes de recherche ou de développement technologique, pour une exploitation durable des ressources minières compatible avec la préservation de l'environnement naturel et humain de la Nouvelle-Calédonie.</p> <p>Dans la tradition <u>des CNRT</u>, ce groupement a vocation à améliorer la compétitivité des entreprises par une meilleure connaissance scientifique sur la ressource en Nickel, et sur l'impact des activités minières et métallurgiques sur les populations, sur les milieux naturels, et sur la vie économique de la Nouvelle-Calédonie.</p> <p>Début 2008, le GIP "CNRT Nickel et son environnement" devient un outil opérationnel de soutien à une recherche fondamentale et appliquée, dans 3 axes thématiques complémentaires : <u>Nickel et Technologie</u>, <u>Nickel et Société</u> & <u>Nickel et Environnement naturel</u> .</p>
Top 5 Donors	<ul style="list-style-type: none"> ✓ Etat (ministère ens sup et recherche + secrétariat d'etat de l'outre mer ✓ collectivités territoriales (gouvernement NC + 3 provinces) ✓ Société Le Nickel ✓ Vale INco NC ✓ KNS

Research Budget	2008	2009	2010	Total
		150 920 000 CFP		
Number of Research Employees	2008	2009	2010	Average
	2	2	2	2
Number of Publications	2008	2009	2010	Total

Number of Thesis	2008	2009	2010	Total
Number of Research Teams				

Research Teams		1 of 7 Teams
Name of Team	Financier : CNRT	
Name of the Coordinator	Robineau Bernard	
Email	cnrt@cnrt.nc	
Website	http://www.cnrt.nc	
Research and Development Sector	Environment and climate Industry and industrial technology Social and economic concerns	
Source of Funding	Environment and climate Industry and industrial technology Social and economic concerns	
Name of Researcher	Expertise	

Projects			
Title of Project	Mining and Local Governance		
Start Date	2009	End Date	2012
Research organization collaborating	IAC 2. IRD 3. GIE Oceanide EHESS IRIS CIRAD INRA University of Melbourne	1. IAC	NC NC NC France France France Austr
Name of funding Source(s)	1. CNRT		
Title of Project	Nickel toxicity		
Start Date	2009 (12 months)	End Date	2010
Research organization collaborating	1. UNC		NC
Name of funding Source(s)	1.CNRT		

Title of Project	Nickel Dust		
Start Date	2009 (9 months)	End Date	2010
Research organization collaborating	UNC		NC
Name of funding Source(s)	1. CNRT		
Title of Project	Environmental Asbestos in Mine Sites		
Start Date	2009 (24 months)	End Date	2011
Research organization collaborating	1. UNC		NC
Name of funding Source(s)	1. CNRT		
Title of Project	In-Situ measurements of (mineral) contents		
Start Date	Jan 2009	End Date	Dec 2010
Research organization collaborating	1. UNC		NC
Name of funding Source(s)	1. CNRT		
Title of Project	Rheology (flow and deformation) of Minerals		
Start Date	2009 (14 months)	End Date	2010
Research organization collaborating	1. CERMES 2. LEIMTA 3. LEM		
Name of funding Source(s)	3. CNRT		
Title of Project	Typology of laterite minerals		
Start Date	2009 (36 months)	End Date	2012
Research organization collaborating	1. CEREGE 2. Univ Paris 5 3. UNC Univ Rennes Univ Namur CSIRO		France NC France Belgique Austr
Name of funding Source(s)	1. CNRT		
Title of Project	Fine analysis of laterite minerals		
Start Date	2009 (48 months)	End Date	2013
Research organization collaborating	1. UPMC 2. IRD 3. CNRS Univ Paris 7		France NC France

Name of funding Source(s)	1. CNRT		
Title of Project	Radiometry		
Start Date	2009 (12 months)	End Date	2010
Research organization collaborating	1. CNRT		
Name of funding Source(s)			
Title of Project	Hyper spectral		
Start Date	2009 (24 months)	End Date	2011
Research organization collaborating			
Name of funding Source(s)	1. CNRT		
Title of Project	Mangrove monitoring systems		
Start Date	2009 (24 months)	End Date	2011
Research organization collaborating	1. UNC 2. Bluecham		NC NC
Name of funding Source(s)	1. CNRT		
Title of Project	GIMINI lagoon monitoring system		
Start Date	2009 (18 months)	End Date	2011
Research organization collaborating	1. UNC 2. IRD 3. Melanopus		NC NC
Name of funding Source(s)	1. CNRT		
Title of Project	ADIIP lagoon impact indicators		
Start Date	2009 (36 months)	End Date	2012
Research organization collaborating	1. Univ la Rochelle 2. IFREMER 3. CEREGE		France NC
Name of funding Source(s)	1. CNRT		
Title of Project	Catchment areas		
Start Date	2009 (48 months)	End Date	2013
Research organization collaborating	1. Meteo NC 2. IRD 3. CEMAGREF Univ la Réunion A2EP		NC NC La réunion
Name of funding Source(s)	1. CNRT		

Title of Project	ECOMINE - dynamic biotope of mining ecosystems		
Start Date	2009 (24 months)	End Date	2011
Research organization collaborating	1. IRD/ LSTM 2. IAC 3. SIRAS CIRAD INRA CNRS		NC NC France France France
Name of funding Source(s)	1. CNRT		

Centre de recherches insulaires et Observatoire de l'Environnement de Polynésie Française

Type of Public Institut

Organization

Address BP 1013, Papetoai, Moorea

Website <http://www.criobe.pf>

Representative Name planes@univ-perp.fr

Mandate Les recherches sur les récifs coralliens effectuées en Polynésie française par notre équipe ont commencé il y a 30 ans. Dans une analyse simplifiée de ces trois décennies on peut considérer que les années 70 ont été consacrées à la découverte de cet écosystème, à sa description, tant physique que biologique et à la mise en place des schémas bionomiques de répartition. Cette étape est à la base de la compréhension du fonctionnement de l'écosystème. Les années 80 furent consacrées à des études structurales systémiques et à l'étude de la dynamique des populations des principaux taxons. La voie était ainsi tracée pour entreprendre dans les années 90 des études sur la stabilité de l'écosystème corallien et de son fonctionnement. Celles-ci représentaient le thème moteur des recherches menées dans le cadre du projet "Agencement Temporel des Populations et des Peuplements" (ATPP), série temporelle initiée en 1990. Il importe de souligner que des séries de données fiables sur les variations temporelles des unités de peuplements benthiques, étalées sur plusieurs années, sont particulièrement rares en milieu tropical et plus encore en milieu récifal. Les dernières années ont vu se mettre en place une diversification des activités, diversification dictée par la nécessité d'aborder une phase explicative : origine et maintien de la biodiversité, fonctionnement de l'écosystème. Les résultats sont prometteurs. Ils ont le mérite de se rattacher à des grands problèmes biologiques, tels que biogéographie ou phylogénie, par exemple, et ces voies de recherche seront poursuivies dans les années à venir. Munies de toute cette

connaissance (composant, structure, fonctionnement) nous proposons pour la décennie à venir un projet qui nous permettra d'intervenir dans la conservation de cet écosystème pour sa gestion durable.

Top 5 Donos

- ✓ ministère recherche (EPHE)
- ✓ CNRS
- ✓ ANR
- ✓ Europe

Research Budget	2008	2009	2010	Total
			350000€	
Number of Research Employees	2008	2009	2010	Average
Number of Publications	2008	2009	2010	Total
			220	220
Number of Thesis	2008	2009	2010	Total
			25	25
Number of Research Teams	1			

Research Teams		1 of 1 Teams
Name of Team	CRIOBE	
Name of the Coordinator		
Email	criobe@mail.pf	
Website	www.criobe.pf	
Research and Development Sector	Agriculture and food supply Environment and climate Social and economic concerns	
Source of Funding	Gouvernement Fédéral Gouvernement National Fondations Financements Bilatéraux (<i>préciser</i>) ⁹ : Financements Multilatéraux (<i>préciser</i>) ¹⁰ : UN	
Name of Researcher	1. Serge PLANES	

	2. René GALZIN
	3. Bernard Salvat
	4. Véronique BERTEAUX-LECELLIER
	5. Pierre SASAL
	6. Tamatoa BAMBRIDGE
	7. David LECCHINI
	8. François FERAL
	9. Bruno DELASSALLE
	10. Suzanne MILLS
	11. Laetitia HEDOUIN
	12. Joachim CLAUDEC
	13. Catherine GODIN

Projects			
Title of Project	Genetical Bar coding of Moorea's living organisms - from the top of the mountain to the deep reefs		
Start Date	March 2006	End Date	March 2011
Research organization collaborating	1. Berkeley university 2. Florida university 3. Smithsonian		USA USA USA
Name of funding Source(s)	1. Gordon and Betty Moore Foundation		
Title of Project	Inventory and tracking of Polynesian insular habitat aquatic biodiversity : a basic tool for living natural resources preservation and restoration		
Start Date	2006	End Date	2008
Research organization collaborating	1. National Museum of Natural History 2. University of La Rochelle 3. IRD UR 128 Smithsonian		France France France USA
Name of funding Source(s)	1. USA state and country support		
Title of Project	Sustainable pearl-development in French Polynesia		
Start Date	2006	End Date	2008
Research organization collaborating	1. CNRS -EPHE-UPVD UMR 5244 2. IFREMER 3. UPF		France France PF
Name of funding Source(s)	1. Polynesian government 2. etat Français		
Title of Project	Reef Base Pacific		
Start Date	2005	End Date	2011
Research organization	1. Worldfish Center 2. CNRS EPHE UPVD UMR 5244		Malaysia France

collaborating	3. Société Aquafish Société Tahiti Fish Technologie IRD UR 128		FP FP France
Name of funding Source(s)	1. Agence Française de Développement (AFD) 2. United Nations		
Title of Project	Coral spot		
Start Date	2010	End Date	2011
Research organization collaborating	1. Université de brisbane 2. Université de Perpignan 3. IRD Smithsonian		Australie France France USA
Name of funding Source(s)	1. National Government 2. French Polynesia Territory		

Centre de recherches insulaires et Observatoire de l'Environnement de Polynésie Française

Type of Organization	Public Institute
Address	BP 73 98890 PAITA
Website	www.iac.nc
Representative Name	Thierry Mennesson tmennesson@iac.nc
Mandate	Ses missions sont de conduire des activités de recherche en appui au développement agricole calédonien, de gérer la mise en commun, par les collectivités des moyens de recherche agronomique, de diffuser l'information scientifique vers différents partenaires, de participer à la formation de cadres néo-calédoniens, enfin de développer des relations de coopération scientifique avec des institutions homologues françaises et étrangères
Top 5 Donors	Contrat de dev - Etat

Research Budget	2008	2009	2010	Total
Number of Research Employees	2008	2009	2010	Average
Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total
Number of	1			

Research Teams	
-----------------------	--

Research Teams		1 of 1
Name of Team		
Name of the Coordinator		
Email		
Website		
Research and Development Sector	Agriculture and food supply Environment and climate	
Source of Funding	Gouvernement National	
Name of Researcher	Expertise	
1. Zacharie LEMERRE DESPREZ		
2. Stéphane LEBEGIN		
3. Christian MILLE		
4. Valérie KAGY		
5. Richard GALLOIS		
6. Gildas GATEBLE		
7. Nadia ROBERT		

Projects			
Title of Project	Phytogenetic resources		
Start Date			
Research organization collaborating	1. IRD 2. UNC 3. KNS - GORO nickel 4. CSIRO 5. Université queensland 6. Université of western australia 7. Hortresearch NZ		NC NC NC AUS AUS AUS NZ
Name of funding Source(s)			
Title of Project	Technical itineraries		
Start Date		End Date	
Research organization collaborating			
Name of funding			

Source(s)			
Title of Project	Sanitary protection		
Start Date			
Research organization collaborating			
Name of funding Source(s)			
Title of Project	Post-harvest quality		
Start Date		End Date	
Research organization collaborating			
Name of funding Source(s)			
Title of Project	Develop frames of reference and tools for the knowledge and monitoring of the state of biodiversity		
Start Date			
Research organization collaborating			
Name of funding Source(s)			
Title of Project	Assistance towards the saving of endangered species, the management of introduced species and the restoration of habitats		
Start Date		End Date	
Research organization collaborating			
Name of funding Source(s)			
Title of Project	Analysis of changes in rural communities and implications for public policies of sustainable development		
Start Date			
Research organization collaborating			
Name of funding Source(s)			
Title of Project			
Start Date	2006	End Date	
Research organization collaborating			
Name of funding			

Source(s)			
Title of Project	To accompany local development projects		
Start Date			
Research organization collaborating			
Name of funding Source(s)			

Institut Louis Malardé

Type of Public Institute Organization

Address

BP 30 98713 Papeete Tahiti

Website

www.ilm.pf

Representative

Patrick Tahiaata HOWELL

Name**Mandate**

L'Institut Louis Malardé concourt à la préservation de la santé, de l'hygiène et de l'environnement naturel de la Polynésie française. Cette mission s'articule autour de quatre pôles.

La santé publique L'ILM participe à l'exécution du service public de la Santé.

À cette fin :

il participe aux actions de prévention, de diagnostic et de traitement des maladies humaines, il prend part à la veille sanitaire en matière d'hygiène et de salubrité publique ; il réalise des analyses de biologie médicale relevant d'une pratique courante et d'une pratique spécialisée dans ses domaines de compétence, pour les formations de Santé publique, notamment au service des populations les plus éloignées, ainsi que pour le réseau de santé du secteur privé ; il participe à la formation des personnels de la recherche et du service public de la Santé ; il procède à l'acquisition et à la vente de produits de laboratoire nécessaires à la prévention et au traitement d'affections menaçant la santé de la population.

La recherche scientifique

L'ILM exécute dans le domaine biomédical des programmes définis en relation avec la politique de santé du Gouvernement de la Polynésie française. À ce titre, il développe une expertise en matière : de maladies transmissibles (dengue et filariose), d'efflorescences micro-algales (ciguatera), de bio-écologie des insectes vecteurs et nuisants pour la santé des personnes, d'identification des substances naturelles utilisées dans la pharmacopée polynésienne traditionnelle. Il peut également entreprendre des recherches s'inscrivant dans le cadre de la protection de l'environnement et de la valorisation du patrimoine naturel de la Polynésie française, dans la perspective du

développement durable de son économie.

Top 5 Donors

- ✓ Etat
- ✓ Gouvernement polynésie

Research Budget	2008	2009	2010	Total
Number of Research Employees	2008	2009	2010	Average
		17	17	
Number of Publications	2008	2009	2010	Total
	8	17	11	
Number of Thesis	2008	2009	2010	Total
Number of Research Teams	6			

Research Teams		1 of 6 Teams
Name of Team	Laboratoire d'Entomologie Médicale	
Name of the Coordinator	Hervé BOSSIN	
Email	hbossin@ilm.pf	
Website	www.ilm.pf	
Research and Development Sector	Environment and climate Biology and medicine	
Source of Funding	Gouvernement Local Fondations	
Name of Researcher	Expertise	
1. Hervé BOSSIN	Entomologie médicale et biotechnologie	
2. Jérôme MARIE	Entomologie médicale et générale	
3. Charles JEANNIN	Entomologie médicale	

Projects			
Title of Project	Study of the bioecology of carrier mosquitoes and other insect pests		
Start Date	09/2009	End Date	09/2012
Research	Oxford University	ND	United

organization collaborating			Kingdom
Name of funding Source(s)	1. Délégation for Research (French Polynesia) 2. Institut Louis Malardé		
Title of Project	Biology of male mosquitoes in relation to the anti-mosquito campaigns		
Start Date	12/2005	End Date	03/2011
Research organization collaborating	1. International Atomic Energy Agency	IAEA	Austria
Name of funding Source(s)	1. IAEA		
Title of Project	Development of standard systems for the mass raising of (sterilizing) male mosquitoes		
Start Date	12/2005	End Date	03/2011
Research organization collaborating	1. International Atomic Energy Agency	IAEA	Austria
Name of funding Source(s)	1. IAEA		
Title of Project	White beach nono (<i>Leptoconops albiventris</i>): development and implementation of a sustainable combat strategy in the Marquesas archipelago		
Start Date	12/2010	End Date	12/2013
Research organization collaborating			
Name of funding Source(s)	Project Contract (State/Country)		
Title of Project	International cooperation for the development of innovative and sustainable strategies to combat pest insects		
Start Date	10/2008	End Date	12/2010
Research organization collaborating	1. Kentucky University 2. James Cook University 3. Sydney University 4. Oxford University 5. Health Department	UKy JCU USYD	USA Australia Australia UK FP
Name of funding Source(s)			
Title of Project	Program to eradicate an isolated population of <i>Aedes polynesiensis</i>, main carrier of lymphatic filariasis, in an area of high incidence in French Polynesia		
Start Date		End Date	
Research organization	1. University of Kentucky	UKy	USA

collaborating			
Name of funding Source(s)	1. NIH		

Research Teams		2 of 6 Teams
Name of Team	Parasitologie médicale	
Name of the Coordinator		
Email		
Website		
Research and Development Sector	Biology and medicine	
Source of Funding	Organisation régionale	
Name of Researcher	Expertise	
1. Catherine PLICHART	Biology and medicine	

Projects			
Title of Project	Multi-centered international study for the validation of monitoring tools in the context of the worldwide program for the eradication of lymphatic filariasis: Phase 1 (2007-2008) and follow-up (2010)		
Start Date	08/2007	End Date	12/2010
Research organization collaborating	1. Task force for Global Health 2. Smith College 3. Aichi Medical University		USA USA Japon
Name of funding Source(s)	1. fondation Bill et Melinda GATES		
Title of Project	PROGRAM CONTRIBUTION: Assessment of the occurrence of lymphatic filariasis in French Polynesia in 2008.		
Start Date	06/2008	End Date	10/2008
Research organization collaborating	1. Health Department	DS	POLYNESIA
Name of funding Source(s)			
Title of Project	CONTRIBUTION AUX PROGRAMMES ENTOMOLOGIQUES DU LEM		
Start Date			

Research organization collaborating			AUS USA
Name of funding Source(s)			

Research Teams		3 of 6 Teams
Name of Team	Laboratoire de recherche en virologie médicale	
Name of the Coordinator	Van Mai CAO-LORMEAU	
Email	mlormeau@ilm.pf; m.lormeau@gmail.com	
Website	www.ilm.pf	
Research and Development Sector	Biology and medicine	
Source of Funding	Gouvernement Fédéral Gouvernement National Autres (<i>préciser</i>): universités étrangères	
Name of Researcher	Expertise	
1. Van Mai CAO-LORMEAU	Biologie et médecine	

Projects			
Title of Project	Dengue : the need for a local and coordinated study on a public health issue common to South Pacific Island states and territories		
Start Date	12/2008	End Date	12/2013
Research organization collaborating	1. Institut Louis Malardé 2. Pasteur Institute of New Caledonia 3. Queensland University of Technology 4. Medical Analysis Laboratory of Sia Hospital	1. ILM 2. IPNC 3. QUT	1. French Polynesia 2. New Caledonia 3. Australia 4. Wallis and Futuna
Name of funding Source(s)	1. Pacific Fund, financial years 2008, 2009, 2010 (Ministry of Foreign Affairs, France) 2. ANR MIEN 2009 3. Delegation for Research of French Polynesia		
Title of Project	Molecular characterization of proteins mingling with the dengue virus in the salivary glands of carrier mosquitoes		
Start Date	2007	End Date	2011
Research organization	1. University of Georgia		USA

collaborating			
Name of funding Source(s)	ILM, University of Georgia		
Title of Project	Entomological and biological monitoring of dengue and other arbovirolosis in French Polynesia		
Start Date	2007	End Date	2010
Research organization collaborating	1. Centre d'Hygiène et de Salubrité Publique 2. Institut de médecine tropical du service de santé des armées	1. CHSP 2. IMTSSA	1. Polynésie Française 2. France
Name of funding Source(s)	Ministère de l'outre-mer		
Title of Project	Anti-dengue cellular immunity memory and serious forms		
Start Date	2005	End Date	2012
Research organization collaborating	University of Hawaii	UH	USA
Name of funding Source(s)	National Institute of Health, University of Hawaii		
Title of Project	Genetic predispositions to severe forms of dengue in French Polynesia		
Start Date	2009 (preparatory phase CEPF)		
Research organization collaborating	Institut Pasteur de Paris	IP	France
Name of funding Source(s)	Search in progress		

Research Teams		4 of 6 Teams
Name of Team	Maladies non-transmissibles	
Name of the Coordinator	Edouard SUHAS	
Email	esuhas@ilm.pf	
Website	www.ilm.pf	
Research and Development Sector	Biology and medicine	
Source of Funding	Gouvernement Fédéral Gouvernement National Autres (<i>préciser</i>): universités étrangères	
Name of Researcher	Expertise	
1. Edouard SUHAS	Biologie et médecine	

2. Clémence GATTI	Biologie et médecine
-------------------	----------------------

Projects			
Title of Project	Changes in nutrition and health in the Austral Islands (completed project)		
Start Date	12/2006	End Date	03/2009
Research organization collaborating	1. université de Laval CHUQ		Canada
Name of funding Source(s)	1. ANR 2. French Polynesia		
Title of Project	Analysis of nutritional risks and benefits linked to the use of local resources, and prevention trial in a school setting in the Australia Islands		
Start Date	03/2010	End Date	03/2012
Research organization collaborating	1. Université Laval -CHUQ 2. UMR 152 IRD - Univ Toulouse III		Canada France
Name of funding Source(s)	1. Université de Laval 2. Etat 3. Polynésie française 4. Fondation LEPERCQ		

Research Teams		5 of 6 Teams
Name of Team	Biotoxines marines	
Name of the Coordinator	Mireille CHINAINI	
Email	mchinain@ilm.pf	
Website	www.ilm.pf	
Research and Development Sector	Biology and medicine Environment and climate	
Source of Funding	Gouvernement Local Fondations Autres (<i>préciser</i>): institut Cawthron	
Name of Researcher	Expertise	
1. Mireille CHINAIN	1. Mireille CHINAIN	
2. H. Taiana DARIUS,	2. H. Taiana DARIUS,	
3. Ralph PAWLOWIEZ,	3. Ralph PAWLOWIEZ,	

Projects	
Title of Project	Monitoring of marine biotoxin poisonings in French

	Polynesia and development of detection tools for the dinoflagellate <i>Gambierdiscus</i> and main marine biotoxins		
Start Date	09/2009	End Date	09/2012
Research organization collaborating	1. Health Department. FP ; 2. Laval I University 3. Center for Coastal Fisheries and 4.Habitat Research-NOAA; Center for Coastal Environmental Health and Biomolecular Research-NOAA; 5.Hong Kong University; 6.Institute of agronutritional research technology; 7.UMR 152 IRD- University Paul Sabatier;	DS CCFHR CCEHBR IRTA	FP Canada USA USA Hong Kong Spain France
Name of funding Source(s)	1. FP Delegation for Research 2. IRD		
Title of Project	Management and prevention of risks linked to poisonings by marine biotoxins in French Polynesia		
Start Date		End Date	
Research organization collaborating	1. UMR 152 IRD-UPS 2. UR 128 IRD 3. Pasteur Institute 4. IFREMER 5 Agency for research and marine valorisation 6.CNRS 7.Ranguel University Hospital 8.Laval University 9.Health Department 10.Cawthron Institute	IP ARVAM DS	France N . Caledonia France France La Réunion France France Canada FP New Zealand
Name of funding Source(s)	1. 1. ANR 2. IRD 3. Lepercq Foundation		
Title of Project	Regional cooperation in the field of research on marine biotoxins		
Start Date		End Date	
Research organization collaborating	1. UMR 152 IRD-UPS 2.SPC 3. Vanuatu Fisheries Department 4. International Atomic Energy Agency 5. Institut Cawthron 6. CCEHBR-NOAA	IAEA	France New Caledonia Vanuatu Monaco

			New Zealand USA
Name of funding Source(s)	1. Pacific Funds 2. IAEA (project) 2. Cawthron Institute (project) 4. NOAA (project)		

Research Teams		6 of 6 Teams	
Name of Team	Substances naturelles		
Name of the Coordinator	Isabelle VAHIRUA-LECHAT		
Email	ilechat@ilm..pf		
Website	www.ilm.pf		
Research and Development Sector	Biology and medicine		
Source of Funding	Gouvernement Federal		
Name of Researcher	Expertise		
1. Isabelle VAHIRUA-LECHAT	Chimie des substances naturelles		

Projects			
Title of Project	Body therapy of anxio-depressive states: hydrotherapy and therapeutic massages using French Polynesian medicinal plants		
Start Date	05/2009	End Date	12/2012
Research organization collaborating	1. Centre hospitalier de Polynésie française 2. Centre de cosmétologie du Pacifique Sud 3. Institut Louis Malardé	CHPF ILM	Tahiti Tahiti Tahiti
Name of funding Source(s)	1. CHPF 2. ILM		
Title of Project	Essential oils and aromatic and medicinal plants of French Polynesia: variations in the chemical composition of essential oils of <i>Cananga odorata</i> in relation to their place of collection.		
Start Date	1/2010	End Date	12/2012

Research organization collaborating	1. Laboratoire BIODIMAR 2. UMR 5247 CNRS UM1 &2		France France
Name of funding Source(s)	1. NIH		
Title of Project	Natural bioactive substances of French Polynesia		
Start Date	10/2009	End Date	12/2012
Research organization collaborating	1. Laboratoire BIODIMAR 2. UMR 5247 CNRS UM1 &2		France France
Name of funding Source(s)			

Institut Pasteur NC

Type of Organization Public association

Address 9,11 avenue Paul DOUMER BP 61 98845 Nouméa Cedex

Website www.institutpasteur.nc

Representative Name Suzanne CHANTEAU
diripnc@pasteur.nc

Mandate Voir site web

Top 5 Donors gouvernement NC
ministère recherche et ens supérieur
ministère outre-mer (fonds du pacifique
ANR
Fonction B et M GATES

Research Budget	2008	2009	2010	Total
Number of Research Employees	2008	2009	2010	Average
	38	43		40.5
Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total
Number of Research Teams	4			

Research Teams	1 of 4 Teams
-----------------------	---------------------

Name of Team	Recherche en Bactériologie
Name of the Coordinator	Cyrille GOARANT
Email	cgoaran@pasteur.nc
Website	
Research and Development Sector	Biology and medicine
Source of Funding	Gouvernement Fédéral Gouvernement National Associations
Name of Researcher	Expertise
1. Cyrille GOARANT	
2. Frédérique VERNEL-PAUILLAC	

Projects			
Title of Project	Leptospirosis and Leptospirosis		
Start Date	2008	End Date	2012
Research organization collaborating	1. CHT 2. CPS 3. DASS Official laboratories of NC Fiji and Vanuatu Health Ministries		NC NC NC <nv Fiji/ Vanuatu
Name of funding Source(s)	IPNC 2. NC Govt 3. MOM (Pacific Fund)		

Research Teams		2 of 4Teams
Name of Team	Laboratoire des Biotoxines FERME EN AOUT 2009	
Name of the Coordinator	Serbe PAUILLAC	
Email		
Website		
Research and Development Sector	Biology and medicine	
Source of Funding		
Name of Researcher	Expertise	

1. Serge PAUILLAC	
2. Shilpa KUMAR-ROINE)	Doctorante
3. Mariko MATSUI	Doctorante

Projects			
Title of Project	Study of the physiopathological mechanisms of Ciguatera		
Start Date			
Research organization collaborating	1. UMR 152 IRD Univ Sabatier 2. Malardé Institute 3. CNRS Institute of Neurobiology Alfred Fessard University of Queensland Boston University	ILM	France French Polynesia France Australia USA
Name of funding Source(s)			
Title of Project	Study of medecinal plants with anti-ciguatera activity in the Pacific		
Start Date		End Date	
Research organization collaborating	1. UMR 152 IRD Univ Sabatier 2. Malardé Institute 3. CNRS institute of Neurobiology 4. Alfred Fessard 5. University of Queensland 6. Boston University	ILM	France French Polynesia France Australia USA
Name of funding Source(s)			
Title of Project	Ecotoxicological studies		
Start Date			
Research organization collaborating	1. UMR 152 IRD Univ Sabatier 2. Malardé Institute 3. CNRS institute of Neurobiology Alfred Fessard University of Queensland Boston University	ILM	France French Polynesia France Australia USA

Research Teams		3 of 4 Teams
Name of Team	Laboratoire d'épidémiologie moléculaire	
Name of the Coordinator	S. MERMOND	
Email	smermond@pasteur.nc	
Website		
Research and Development	Biology and medicine	

Sector	
Source of Funding	Gouvernement National Fondations
Name of Researcher	Expertise
1. S. MERMOND	
2. M. DUPONT-ROUZEYROL	microbiologiste
3. O. O'CONNOR	
4. V. ZURAWSKI	

Projects			
Title of Project	Dengue		
Start Date	Mid-2008	End Date	2012
Research organization collaborating	1. CNR 2. WHO collaborating centre for arbovirus reference & research 3. ILM IRD Météo France DASS NC CHT		France Australia French Polynesia NC NC NC NC
Name of funding Source(s)	1. Pacific Fund 2. ANR		
Title of Project	Epidemiology of children's lower respiratory infections in New Caledonia		
Start Date	April 2009	End Date	February 2011
Research organization collaborating	1. University JHSPH 2. University of Otago,		USA NZ
Name of funding Source(s)	1. B & M GATES Foundation		
Title of Project	Bio-prospection et biodiversité de micro-organismes des milieux extrêmes des lagons de la NC		
Start Date	Avril 2010	End Date	Avril 2011
Research organization collaborating	1. IFREMER		
Name of funding Source(s)	1. Overseas Territories Ministry		

Research Teams	4of 4 Teams
	Unité d'épidémiologie

Name of Team	
Name of the Coordinator	Eric d'ortenzio
Email	edortenzio@pasteur.nc
Website	
Research and Development Sector	Biology and medicine
Source of Funding	Gouvernement Fédéral Gouvernement National
Name of Researcher	Expertise
1. eric d'ortenzio	épidémiologiste

Projects			
Title of Project	Risk factors for Mesothelioma in New Caledonia, epidemiological and geological data		
Start Date	2005	End Date	March 2010
Research organization collaborating	1. CNRT 2. IRD 3. BRGM NC UMR CNRS 6249		NC NC NC France
Name of funding Source(s)	1. NC Govt 2. Secretary of State for Overseas Territories		
Title of Project	Acute joint rheumatism		
Start Date	2011	End Date	2013
Research organization collaborating	1. ASS 2. CHT 3. Hospital		NC NC NC
Name of funding Source(s)	1. ASS		

Institut de Recherche pour le développement

Type of Organization Public Institute
Address Promenade roger laroque Anse Vata

Website <http://www.ird.nc>
Representative Gilles FEDIERES
Name gilles.fediere@ird.fr
Mandate L'IRD possède en Nouvelle-Calédonie un centre de recherches qui rassemble de nombreuses disciplines scientifiques : océanographie, écologie marine, géologie, géophysique, pharmacologie, agronomie, botanique, entomologie, archéologie, etc. Sa renommée est internationale, non seulement dans la zone du Pacifique Sud-Ouest, mais également dans toute la ceinture intertropicale.

L'évolution du centre est marquée par la mise en place de 13 Unités de Recherche (UR) et de 5 Unités de Service (US) en Nouvelle-Calédonie. Elles sont rattachées à 47,5 % au Département Ressources Vivantes (DRV), à 43 % au Département Milieux et Environnement (DME) et à 9,5 % au Département Santé et Sociétés (DSS). Les unes ont pour finalité d'accroître les connaissances scientifiques de la zone intertropicale, tandis que les autres ont pour mission de valoriser les résultats de la recherche en répondant aux demandes d'expertise des partenaires locaux. De plus, 6 unités réaliseront des recherches en Nouvelle-Calédonie sous la forme de missions ou de chantiers.

Les recherches sont menées en partenariat avec des institutions locales (Université de la Nouvelle-Calédonie, Institut Agronomique néo-Calédonien, IFREMER, Institut Pasteur, CNRS, etc.) ou régionales (Secrétariat général de la Communauté du Pacifique, University of the South Pacific, CSIRO, Agence Universitaire de la Francophonie, etc.).

Le centre assure également un rôle de formation : des étudiants sont intégrés dans les équipes scientifiques dans le cadre de la formation continue et de la formation à la recherche. Il s'agit de stagiaires, d'allocataires de recherche, de thésards ou de post-doctorants.

Top 5 Donors Ministère de la Recherche
 UE
 ANR

Research Budget	2008	2009	2010	Total
Number of Research Employees	2008	2009	2010	Average

Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total
Number of Research Teams	15			

Research Teams		1 of 15 Teams
Name of Team	UMR 227 BIOCOPLEXITE DES ECOSYSTEMES CORALLIENS DE L'INDO-PACIFIQUE	
Name of the Coordinator	PAYRI Claude	
Email	claud.payri@ird.fr	
Website	http://www.coreus.ird.fr	
Research and Development Sector	Environment and climate	
Source of Funding	Gouvernement Fédéral Gouvernement National Province Associations ONGs ¹¹ Financements Multilatéraux (<i>préciser</i>) ¹² : EC (FED) CPS)	
Name of Researcher	Expertise	
1. PAYRI Claude		
2. PONTON Dominique		
3. ADJEROUD Mehdi		
4. ANDRÉFOUËT Serge		
5. GUILLEMARD Véronique		
6. VIGLIOLA Laurent		
7. DUMAS Pascal Paul		
8. LECCHINI David		

Projects			
Title of Project	BIODiversity, resources and conservation of coral reefs of the Republic of Maldives		
Start Date	08/01/2008	End Date	07/01/2011
Research organization collaborating	1. AEC (Atoll Ecosystem Conservation).		
Name of funding Source(s)	. French Institute for Biodiversity		
Title of Project	To organise the co-management of coral reefs and lagoons with a high heritage value in NC		
Start Date	21/12/2007	End Date	20/12/2010
Research organization collaborating	1. IAC 2. UNC 3. IFremer		NC NC NC
Name of funding Source(s)	Ministère de l'écologie		
Title of Project	Hydo-climate study and food source of the pearl oyster <i>Pinctada margaritifera</i>		
Start Date	18/12/2007	End Date	17/12/2010
Research organization collaborating	1. Pearl farming Department of FP		FP
Name of funding Source(s)	EC (FED)		
Title of Project	Indicators, assesment tools for Marine Protected Areas		
Start Date	01/02/2008	End Date	04/2011
Research organization collaborating			
Name of funding Source(s)			
Title of Project	Status of the giant clam populations in NC		
Start Date	07 /11/2008	End Date	06/11/2010
Research organization collaborating	1. IFRECOR		France
Name of funding Source(s)	1. Ministry of Ecology 2. ZONECO Program		
Title of Project	Effectiveness of forbidden (Tabu) areas in Vanuatu		
Start Date	01 /09/2010	End Date	01/09/2011
Research organization collaborating			
Name of funding Source(s)	1. Ministry of Foreign Affairs (MAE) 2. Government of New Caledonia		
Title of Project	Phase 2 of the pooling of databases on the reef biodiversity of overseas territories		
Start Date	08/12/2009	End Date	07/12/2010

Research organization collaborating	1. IFRECOR		France
Name of funding Source(s)	1. High Commission		
Title of Project	Making of an atlas of coral reefs of French overseas territories		
Start Date	05/12/2008	End Date	30/06/2009
Research organization collaborating			
Name of funding Source(s)	1. Ministry of Ecology		
Title of Project	Monitoring reef health / data processing 1998-2008		
Start Date	13/03/2009	End Date	13/03/2010
Research organization collaborating			
Name of funding Source(s)	1. Natural Marine Reserve of la Reunion		
Title of Project	State of knowledge of seagrass beds in France and overseas territories		
Start Date	29/07/2009	End Date	28/09/2011
Research organization collaborating	1. IFRECOR		
Name of funding Source(s)	1. DAFE		
Title of Project	Development of larvae collectors in vanuatu		
Start Date	13/10/2009	End Date	13/10/2010
Research organization collaborating			
Name of funding Source(s)	1. Ministry of Foreign Affairs (MAE) 2. Government of New Caledonia 3. CRISP Program		
Title of Project	Valorisation of coral reef biodiversity and resources in Vanuatu and the South Pacific		
Start Date	30/11/2009	End Date	29/11/2011
Research organization collaborating			
Name of funding Source(s)	SPC within CRISP Program		
Title of Project	Valorisation of red algae		
Start Date	24/11/2009	End Date	30/11/2011
Research organization collaborating	1. MAE / Pacific Fund 2. AFD		
Name of funding Source(s)			
Title of Project	Implementing biodiversity monitoring indicators for		

	overseas territories within the national biodiversity strategy		
Start Date	14/01/2010	End Date	13/01/2011
Research organization collaborating			
Name of funding Source(s)	1. DAFE		
Title of Project	To define monitoring indicators for fishing pressure in the Grand Sud		
Start Date	08/04/2010	End Date	07/04/2011
Research organization collaborating			
Name of funding Source(s)			
Title of Project	Biodiversity of islands in the Indian Ocean		
Start Date	16/05/2008	End Date	15/05/2011
Research organization collaborating			
Name of funding Source(s)	1. MARINE RESEARCH CENTRE, MALDIVES		
Title of Project	Biodiversity of marine floras : phycological heritage collections of New Caledonia and New Zealand		
Start Date	01/06/2010	End Date	2011
Research organization collaborating			
Name of funding Source(s)	1. NIWA 2. TE PAPA Museum		
Title of Project	Management of the use of giant clams in two islands		
Start Date	01/04/2010	End Date	15/12/2010
Research organization collaborating			
Name of funding Source(s)	1. French Polynesian Ministry of Marine Resources		
Title of Project	Making of the atlas of seagrass beds in communities of the French overseas territories within the context of IFRECOR		
Start Date	2010	End Date	31/12/2010
Research organization collaborating			
Name of funding Source(s)	1. WWF 2. IFRECOR		
Title of Project	The future of coral Reefs in the WIO Region		
Start Date		End Date	
Research organization collaborating			
Name of funding Source(s)	1. WIOMSA Western Indian Marine Science Association		

Title of Project	To define Marine Protected Areas for reefs and lagoons of Wallis and Futuna and Alofi based on criteria of habitat and fisheries		
Start Date	2/11/2010	End Date	2/5/2012
Research organization collaborating	1. Environment Service		Wallis and Futuna
Name of funding Source(s)	1. Government of Wallis and Futuna		

Research Teams		2 of 15 Teams
Name of Team		
Name of the Coordinator		
Email		
Website		
Research and Development Sector		
Source of Funding		
Name of Researcher	Expertise	
1. PATISSOU Josiane		
2. WAIKEDRE Jean		

Research Teams		3 of 15 Teams
Name of Team	US 140 (EXPERTISE ET SPATIALISATION DES CONNAISSANCES EN ENVIRONNEMENT)	
Name of the Coordinator	MANGEAS Morgan	
Email	morgan.mangeas@ird.fr	
Website	www.espace.ird.fr	
Research and Development Sector	Environment and climate	
Source of Funding	Gouvernement Fédéral Gouvernement National Province Entreprises ONGs ¹³	

Name of Researcher	Expertise
1. DUMAS Pascal	géographie
2. HERRENSCHMIDT Jean-Brice	Géographie, Sciences sociales
3. TALADOIRE Gilles	informatique
4. TOURAIVANE	informatique
5. MANGEAS Morgan	Mathématiques appliqués

Projects			
Title of Project	Incendie et biodiversité		
Start Date	2008	End Date	2012
Research organization collaborating	1. CNRS 2. INRA 3. CEMAGREF Univ de Darwin		France France France Australie
Name of funding Source(s)	ANR		
Title of Project	Gestion intégrée des bassins versants		
Start Date	2007	End Date	2010
Research organization collaborating	1. USP 2. Univ Poly F 3. UNC		Fiji PF NC
Name of funding Source(s)	1. AFD 2. CI		
Title of Project	hyperspectrale		
Start Date	2010	End Date	2011
Research organization collaborating	1. Univ Melbourne 2. Univ antilles guyane		Aust Antilles
Name of funding Source(s)	1. CNRT		
Title of Project	MoM dengue: étude de la dynamique des épidémies de dengue dans Pacifique sud		
Start Date	2009	End Date	2010
Research organization collaborating	1. ILM 2. Pasteur 3. UNC Météo France		France
Name of funding	1. Ministère de l'outre -Mer (MoM)		

Source(s)			
Title of Project	Etude de la dynamique des bassins versants		
Start Date	2010	End Date	2012
Research organization collaborating	1. UNC 2. CEMAGREF		NC France
Name of funding Source(s)	1. CNRT		

Research Teams		4 of 15 Teams
Name of Team	US191 INSTRUMENTATION, MOYENS ANALYTIQUES, OBSERVATIONS EN GEOPHYSIQUE ET OCEANOGRAPHIE	
Name of the Coordinator	PANCHÉ Jean-Yves	
Email	Jean-yves.panche@ird.fr	
Website		
Research and Development Sector	Environment and climate Biology and medicine	
Source of Funding	Gouvernement National	
Name of Researcher	Expertise	
1. BALDASSARI Catherine	Retraite au 31/12/2010	
2. DEVAUX Jean-Michel		
3. DI MATTEO Angelo		
4. FUDA Jean-Luc		
5. GALLOIS Francis		
6. LAURENT Jean-Louis		
7. PERRIER Julien		
8. VARILLON David		
9. PANCHÉ Jean-Yves		

Projects			
Title of Project	Voir résumé		
Start Date		End Date	

Research organization collaborating			
Name of funding Source(s)	que financer par l'IRD		

Research Teams		5 of 15 Teams
Name of Team	UMR 206 (INSTITUT DE MINERALOGIE ET DE PHYSIQUE DES MILIEUX CONDENSES)	
Name of the Coordinator	FRITSCH Emmanuel	
Email	emmanuel.fritsch@ird.fr	
Website		
Research and Development Sector	Environment and climate Industry and industrial technology	
Source of Funding	Gouvernement Fédéral Gouvernement National Province Entreprises	
Name of Researcher	Expertise	
1. FRITSCH Emmanuel	pédologue	
2. FANDEUR Dick	Post doc	
3. MARCHAND Cyril I	Spécialiste mangrove	
4. JUILLOT Farid	minéralurgiste	

Projects			
Title of Project	Spéciation d'éléments traces métalliques dans les sédiments de mangrove		
Start Date	2011	End Date	2013
Research organization collaborating			
Name of funding Source(s)	KNS		
Title of Project	Facteurs de minéralisation Ni/Co des latérites issues de roches ultrabasiques de Nouvelle-Calédonie. B. Analyse fine de minerais latéritiques		
Start Date	Fev 2010	End Date	Fev 2014
Research organization collaborating	1. UPMC 2. UNC 3. CNRS Nancy		France NC France

Name of funding Source(s)	1. CNRT		
Title of Project	Suivi de la mangrove en contexte minier		
Start Date	July2010	End Date	July 2012
Research organization collaborating	1. UNC 2. Bluecham		NC NC
Name of funding Source(s)	1. CNRT		
Title of Project	Flux de carbone dans la mangrove		
Start Date	Dec 2009	End Date	Dec 2011
Research organization collaborating	UNC		
Name of funding Source(s)	fonds pacifique - Etat		
Title of Project	Connaissances et technologies du sous sol pour son exploitation et son usage durable: Conditions de formation des minéralisations silicatées nickélicifères de Nouvelle-Calédonie		
Start Date	2009	End Date	2010
Research organization collaborating			
Name of funding Source(s)	1. institut National des sciences de l'Univers (INSU)		
Title of Project	Devenir des effluents de la crevetticulture dans la mangrove		
Start Date	2009	End Date	2011
Research organization collaborating	1. IFREMER 2. MNHN 3. UNC		NC France NC
Name of funding Source(s)	1. gouv NC 2. 3 provinces NC 3. institut d'état (IFREMER, IRD, etc.)		

Research Teams		6 of 15 Teams
Name of Team	UMR 182 (LABORATOIRE D'OCEANOGRAPHIE ET DU CLIMAT : EXPERIMENTATIONS ET APPROCHES NUMERIQUES)	
Name of the Coordinator	MENKES Christophe	
Email	Christophe.menkes@ird.fr	
Website		
Research and Development Sector	Biology and medicine Environment and climate	
Source of Funding	Gouvernement Fédéral	

	Gouvernement National Province
Name of Researcher	
1. VEGA Andres	océanographe
2.MENKES Christophe	océanographe

Projects			
Title of Project	Dengue et climat FP7		
Start Date	2011	End Date	2015
Research organization collaborating	1. univ Bristol 2. univ catho de Louvain 3. univ de Groningen Univ de Mediterranée Arrow therapeutic Univ Heidelberg Institu sciences sustainable		UK BELgique Pays Bas France UK Allemagne Nicaragua Liste non exhaustive
Name of funding Source(s)	EC si acceptation		
Title of Project	Chlorophy westerly winds winds and el nino		
Start Date	2008	End Date	2012
Research organization collaborating	1. NASA 2. CNES		USA France
Name of funding Source(s)	1. NASA 2. CNES		
Title of Project	Thon et environnement		
Start Date	2010	End Date	2012
Research organization collaborating	1. CPS 2. Adecap 3. CNRS		NC NC France
Name of funding Source(s)	1. zoneco		
Title of Project	Dengue et climat		
Start Date	2009	End Date	2011
Research organization collaborating	1. Institut pasteur 2. meteo france 3. UNC CPS DASS		NC NC NC NC NC
Name of funding	1. Ministère de l'Outre mer -MOM		

Source(s)			
Title of Project	Projet cyclone et climat		
Start Date	2010	End Date	2013
Research organization collaborating	1. CNRS 2. Météo france		France France
Name of funding Source(s)	1. INSU		
Title of Project	Cyclone et Climat ANR		
Start Date	2007	End Date	2010
Research organization collaborating	1. CNRS 2. Météo France		NC NC
Name of funding Source(s)	1. ANR		

Research Teams		7of 15 Teams
Name of Team	UMR 113 (LABORATOIRE DES SYMBIOSES TROPICALES ET MEDITERRANEENNES)	
Name of the Coordinator	MERLOT Sylvain	
Email	Sylvain.merlot@ird.fr	
Website	www.mpl.ird.fr/lstm	
Research and Development Sector	Biology and medicine Environment and climate	
Source of Funding	Gouvernement Fédéral Gouvernement National Province Entreprises	
Name of Researcher		
1. MERLOT Sylvain	BIOLOGIE MOLECULAIRE	
2. JOURAND Philippe	BIOCHIMISTE	

Projects	
Title of Project	Détermination du rôle des ectomycorhizes dans l'adaptation des plantes aux métaux lourds présents dans les sols miniers de Nouvelle-Calédonie: aspects écologiques et moléculaires

Start Date	2010	End Date	2013
Research organization collaborating	1. Univ de Nancy UMR 1136 2. UNC 3. IAC CNRS INRA VALEINCO		France NC NC France France NC
Name of funding Source(s)	CNRT		
Title of Project	Biodiversité fonctionnelle, altérations et transferts dans les écosystèmes des bassins versants aux lagons de NC		
Start Date	2008	End Date	2011
Research organization collaborating	1. UNC 2. IAC		NC NC
Name of funding Source(s)	1. Plan pluriformation F		

Research Teams		8 of 15 Teams
Name of Team	UMR 152 PHARMACOCHEMIE DES SUBSTANCES NATURELLES ET PHARMACOPHORES REDOX	
Name of the Coordinator		
Email	Alain.videault@ird.fr	
Website		
Research and Development Sector	Biology and medicine	
Source of Funding		
Name of Researcher	Expertise	
VIDEAULT Alain		

Research Teams		9 of 15 Teams
Name of Team	UMR 213 LABORATOIRE OCEANOGRAPHIQUE, PHYSIQUE & BIOGEOCHIMIQUE	
Name of the Coordinator	ARFI Robert	
Email	robert.arfi@ird.fr	
Website		

Research and Development Sector	Environment and climate
Source of Funding	
Name of Researcher	Expertise
1. DUPOUY-DOUCHEMENT Cécile	océanographe biologiste
2. RODIER Martine	océanographe biogéochimiste
3. TRIBOLLET Aline	océanographe biologiste
4. GÉRARD Philippe	
5. ARFI Robert	océanographe hydrobiologiste

Projects			
Title of Project	maladies coralliennes et microflore perforante		
Start Date	1/1/2010	End Date	31/12/2010
Research organization collaborating	1. HIMB (hawaii institute of marine biology) 2. USGS (géology science) 3. biocenose		hawaii USA NC
Name of funding Source(s)	CRISP		
Title of Project	L'effet de l'acidification in situ et ex situ sur la microflore perforante		
Start Date	1/1/2011	End Date	31/12/2012
Research organization collaborating	1. Univ Réunion 2. HIMB (hawaii...) 3. Friday harbor laboratory Boston univ Bermudas institute of ocean sciences Univ of Ghent		France USA USA USA USA Belgium
Name of funding Source(s)	1. Ministère ecologie (MEEDDM) 2. FRB (biodiversité)		
Title of Project	Validation Hyperspectral of a biogeochemical model		
Start Date	06/2007	End Date	06/2011
Research organization collaborating	1. GKSS 2. LSEHHT		Allemagne France
Name of funding Source(s)	1. Programme National de Télédetection Spatiale INSU		

Title of Project	Effet d l'acidification de l'eau et des facteurs anthropiques tels que l'eutrophisation sur les micro-organismes autotrophes associés aux coraux de NC		
Start Date	06/2009	End Date	31/12/2010
Research organization collaborating	1. IRD		
Name of funding Source(s)	1. IRD (crédits incitatifs)		
Title of Project	Chaîne de traitement satellitale haute résolution sur le lagon de NC		
Start Date	2010	End Date	2011
Research organization collaborating	1. DSI spirales IRD 2. unité ESPACE IRD 3. JAXA (japan aerospace agency)		France NC Japon
Name of funding Source(s)	1. DSI Spirales -IRD		

Research Teams		10 of 15 Teams
Name of Team	UR065 Laboratoire d'études en Geophysique et océanographie spatiales	
Name of the Coordinator	DURAND Fabien	
Email	Fabien.durand@ird.fr ; alexandre.ganachaud@ird.fr	
Website		
Research and Development Sector	Biologie et médecine Environnement et climat	
Source of Funding	Gouvernement Fédéral Gouvernement National Financements Multilatéraux (<i>préciser</i>) ¹⁴ : UNEP	
Name of Researcher	Expertise	
1. DURAND Fabien		
2. GANACHAUD Alexandre		
3. Frédéric MARIN		
4. Jérôme AUCAN		
5. MAES Christophe		
6. Sophie CRAVATE		
7. Thierry		

DELROIX	
8. Lionel GOURDEAU	
9. Gérard ELDIN	

Projects			
Title of Project	SOLWARA: circulation en mer des Salomons		
Start Date	2009	End Date	2013
Research organization collaborating	CNRS		France
Name of funding Source(s)	ANR		
Title of Project	SOLWARA: circulation des eaux en mer de Corail et Salomon		
Start Date	2008	End Date	2011
Research organization collaborating			
Name of funding Source(s)	INSU		
Title of Project	Contribution au niveau ARGO-CORIOLIS dans l'océan pacifique S.O. pour étudier la variabilité hydrologique des eaux rentrant en mer de corail		
Start Date	2008	End Date	2010
Research organization collaborating			
Name of funding Source(s)	1. Groupe mission Mercator Coriolis		
Title of Project	Towards synergies of altimetry gliders and xbps for the monitoring of the East Caledonian Current		
Start Date	2010	End Date	2011
Research organization collaborating			
Name of funding Source(s)	CNES		
Title of Project	Ocean structures generated by the complex topography in the South west pacific ocean		
Start Date	2009	End Date	2010
Research organization collaborating			
Name of funding Source(s)	1. CNES		

Research Teams	11 of 15 Teams
UMR 193 Institut Méditerranéen d'écologie et de paléocéologie	

Name of Team	
Name of the Coordinator	Eric Vidal
Email	eric.vidal@ird.fr
Website	http://www.imep-cnrs.com/ibbc)
Research and Development Sector	Environnement et climat
Source of Funding	Gouvernement National
Name of Researcher	
1. Eric VIDAL	Ecologue (vertébré)

Projects			
Title of Project	Etude des interactions entre mammifères invasifs et Martins-Chasseurs endémiques		
Start Date	2009	End Date	2012
Research organization collaborating	1. ONG SOp Manu 2. ONG CRIP FA'a'api 3. univ du Missouri		PF PF USA
Name of funding Source(s)	1. ministère recherche 2. gouvernement PF 3. Fondation internationale		
Title of Project	Decrypting Relationships between Exotic species And Mass extinctionS		
Start Date	Mai 2010	End Date	Mai 2012
Research organization collaborating	1. délégation à la recherche du gouv PF 2. INRA EIB 3. Union internationale pour la conservation de la Nature (ONG)	IUCN	PF France France
Name of funding Source(s)	1. Fondation pour la recherche sur la Biodiversité		

Research Teams		12 of 15 Teams
Name of Team	UMR 082 Geosciences Azur	
Name of the Coordinator	PELLETIER Bernard	
Email	Bernard.pelletier@ird.fr	
Website		

Research and Development Sector	Environment and climate
Source of Funding	Gouvernement Fédéral Gouvernement National Financements Multilatéraux (<i>préciser</i>) ¹⁵ : FED (EC)
Name of Researcher	Expertise
1. LEBELLEGARD Pierre	
2. PELLETIER Bernard	

Projects			
Title of Project	ANR -AO Catastrophes telluriques et tsunamis « Dynamique éruptive et cycle sismique dans l'arc du Vanuatu »		
Start Date	2007	End Date	2010
Research organization collaborating	1. IPGP 2. LMV Clermont ferrand 3. Département de la géologie des mines et des ressources en eau du Vanuatu 4. Département des terres et de la topographie de Vanuatu		France France Vanuatu Vanuatu
Name of funding Source(s)	1. ANR 2. fonds de coopération économique, sociale et culturelle pour le Pacifique/ Ambassade de France au Vanuatu		
Title of Project	Evaluation du risque et de l'aléa sismique en Nouvelle Calédonie		
Start Date	2008	End Date	2011
Research organization collaborating	1. univ Grenoble 2. univ Strasbourg		France France
Name of funding Source(s)	1. commission européenne (FED)		
Title of Project	Les grands tsunamis historiques et paléo-historiques à Uvéa (Wallis et Futuna) : fréquence, magnitude et impact sur les		

	communautés insulaires		
Start Date	2008	End Date	2011
Research organization collaborating	1. NIWA 2. NSW university		NZ Aust
Name of funding Source(s)	1. Fonds de coopération économique, sociale et culturelle pour le Pacifique/ Ambassade de France en Nouvelle-Zélande		
Title of Project	station GEOSCOPE de Port Vila		
Start Date	2010	End Date	2011
Research organization collaborating	1. IPGP Geoscope		France
Name of funding Source(s)	1Gouv NC		
Title of Project	Activité sismique et volcanique au Vanuatu ; vers un réseau intégré Vanuatu- Nouvelle-Calédonie		
Start Date	Dec 2010	End Date	2012
Research organization collaborating	1. Gehazards Section (département géologie et météo)		Vanuatu
Name of funding Source(s)	1. convention de coopération régionale entre le Vanuatu et la Nouvelle-Calédonie pour année 1		

Research Teams		13 of 15 Teams
Name of Team	UR199 – DYNAMIQUES SOCIOENVIRONNEMENTALES & GOUVERNANCE DES RESSOURCES	
Name of the Coordinator	LE MEUR Pierre-Yves	
Email	Pierre-yves.lemeur@ird.fr	
Website		
Research and Development Sector	Social and economic concerns	
Source of Funding	Gouvernement Fédéral Gouvernement National Province Entreprises	
Name of Researcher	Expertise	
1. LE MEUR Pierre-Yves	anthropologue	

Projects			
Title of Project	Organiser la cogestion des récifs et lagons à forte valeur patrimoniale en Nouvelle-Calédonie (Voh-Koné-Pouembout, Ouvéa)		
Start Date	2008	End Date	2010
Research organization collaborating	1. IAC 2. UNC 3. Province Nord IFREMER		NC NC NC NC
Name of funding Source(s)	1. Province Nord 2. IFRECOR		
Title of Project	Activité minière et gouvernance locale: La politique du Nickel entre gouvernance locale et gouvernance d'entreprise. Trajectoires minières et industrielles comparées en Nouvelle-Calédonie		
Start Date	2010	End Date	2013
Research organization collaborating	1. UNC 2. IAC 3. IRIS (EHESS - CNRS) CIRAD Univ de Melbourne Université de Rutgers		NC NC France France Australie USA
Name of funding Source(s)	1. CNRT		

Projects			
Title of Project	Recueil des savoirs sur la biodiversité et l'environnement dans le Pacifique Sud		
Start Date	2010	End Date	2011
Research organization collaborating	1. IRD 2. CRIOBE 3. ADCK Service de la culture et du patrimoine IAC UPF		PF PF NC PF NC PF
Name of funding Source(s)	1. Grand Observatoire de l'environnement et de la biodiversité terrestre et marine du Pacifique Sud (GOPS)		
Title of Project	Etude sur la rénovation de la politique foncière en Nouvelle-Calédonie		
Start Date	2010	End Date	2012

Research organization collaborating			
Name of funding Source(s)	1. Province Nord 2. AFD		

Research Teams		14 of 15 Teams
Name of Team	UMR 022 CENTRE DE BIOLOGIE ET DE GESTION DES POPULATION	
Name of the Coordinator	JOURDAN Hervé	
Email	herve.jourdan@ird.fr	
Website		
Research and Development Sector	Environment and climate	
Source of Funding	Gouvernement National XProvince	
Name of Researcher	Expertise	
1. JOURDAN Hervé	écologue	

Projects			
Title of Project	Inventaire entomologique et herpétologique des réserves naturelles de la province sud		
Start Date	2007	End Date	2011
Research organization collaborating	1. australian museum		austr
Name of funding Source(s)	1. province sud NC		
Title of Project	Bilan des especes envahissantes à Wallis et Futuna		
Start Date	2007	End Date	2010
Research organization collaborating	1. délégation de la recherche 2. académie des sciences polonaise 3. Université de Kiel		PF Pologne Allemagne
Name of funding Source(s)	1. service du gouv de Wallis et Futuna		
Title of Project	Opération mont panié		
Start Date	2010	End Date	2011
Research organization collaborating	1. MNHN 2. univ Aix Marseille		France France

Name of funding Source(s)	1. Province Nord		

Research Teams		15 of 15 Teams
Name of Team	UMR 123 BOTANIQUE ET BIOINFORMATIQUE DE L'ARCHITECTURE DES PLANTES	
Name of the Coordinator	MUNZINGER Jérôme	
Email	jerome.munzinger@ird.fr	
Website		
Research and Development Sector	Environment and climate Biology and medicine	
Source of Funding		
Name of Researcher	Expertise	
1. MUNZINGER Jérôme		
2. BARRABE Laure		
3. DAGOSTINI Gilles		
4. GRIGNON Céline		
5. HEQUET Vanessa		
6. JAFFRÉ Tanguy		
7. KOMORNICKI Michèle		
8. NIGOTE Williams		
9. RIGAULT Frédéric		
10. TINEL-FAMBART		
11. Jacqueline VANDROT Hervé		

Institut Français de Recherche pour l'Exploitation de la Mer

Type of Organization Public Institute
Address Campus IRD anse vata BP 2059
Website <http://wwz.ifremer.fr/ncal>

Representative Name Lionel LOUBERSAC
Mandate lionel.loubersac@ifremer.fr
 Institut français de recherche pour l'exploitation de la mer, l'Ifremer contribue, par ses travaux et expertises à la connaissance des océans et de leurs ressources, à la surveillance du milieu marin et littoral et au développement durable des activités maritimes. À ces fins, il conçoit et met en œuvre des outils d'observation, d'expérimentation et de surveillance, et gère la flotte océanographique française pour l'ensemble de la communauté scientifique.

L'Ifremer est source de connaissances, d'innovation, de données de surveillance et d'expertise pour le monde de la mer, à la fois en matière de politique publique et en matière d'activité socio-économique. Il est la seule structure de ce type en Europe.

Top 5 Donors Etat ministère recherché
 Gournment NC
 3 provice

Research Budget	2008	2009	2010	Total
Number of Research Employees	2008	2009	2010	Average
	18			18
Number of Publications	2008	2009	2010	Total
	47			47
Number of Thesis	2008	2009	2010	Total
	7			7
Number of Research Teams	1			

Research Teams		1 of 1 Teams
Name of Team	Lagons, Ecosystèmes et Aquaculture Durable	
Name of the Coordinator	Lionel LOUBERSAC	
Email	lionel.loubersac@ifremer.fr	
Website	http://wwz.ifremer.fr/ncal/organisation/le_departement_lead_nc	
Research and Development Sector	Environment and climate	
Source of Funding	Gouvernement Fédéral Gouvernement National	

	Province
Name of Researcher	Expertise
1. Benoît BELIAEFF	
2. Liet CHIM	Eco-Physiologie
3. Denis COATANEA	
4. Luc DELLA PATRONA	Environnement
5. Yannick LABREUCHE	Pathogènes-Infections-Epidémiologie
6. Hugues LEMONNIER	Environnement
7. Jacques PATROIS	Zootecnie
8. Dominique PHAM	Eco-physiologie & Ecloserie
9. Nelly WABETE	Eco-Physiologie

Projects			
Title of Project	Sustainable development of prawn farming, data analysis and observation of the system in New Caledonia		
Start Date	2007		
Research organization collaborating	. IRD 2. IAC 3. Institut Pasteur UNC		
Name of funding Source(s)	1. Etat 2. Gouv NC 3. Provinces		
Title of Project	PAMPA		
Start Date	2009	End Date	
Research organization collaborating	1. IRD 2. Université de Perpignan via Domitia 3. Université de Bretagne Occidentale /UMR AMURE	IRD UPVD UBO	NC France France
Name of funding Source(s)	1. ifrecor 2. DENV (province Sud)		
Title of Project	ZONECO		
Start Date	1991		
Research organization	1. Météo France 2. IRD		

collaborating	3. UNC Aquarium NC Hydrographic and Oceanographic Services of the Navy Province Sud		SHOM	
Name of funding Source(s)	1. State 2. NC Govt 3. Provinces			
Title of Project	GAIUS			
Start Date	01/2008	End Date	12/2010	
Research organization collaborating	1. Univ Perpignan		UPVD	France
Name of funding Source(s)	1. Agence Nationale de la Recherche (ANR)			
Title of Project	COGERON			
Start Date	2007	End Date	2010	
Research organization collaborating	1. IRD 2. IAC 3. UNC			
Name of funding Source(s)	2007			

Institut de la statistique et des études économiques

Type of Organization Public Institute
Address 52 avenue du Maréchal Foch 98800 Nouméa
Website www.isee.nc

Representative Name Gautier Alexandre
laure.hadj@isee.nc

Mandate Institut français de recherche pour l'exploitation de la mer, l'Ifremer contribue, par ses travaux et expertises à la connaissance des océans et de leurs ressources, à la surveillance du milieu marin et littoral et au développement durable des activités maritimes. À ces fins, il conçoit et met en œuvre des outils d'observation, d'expérimentation et de surveillance, et gère la flotte océanographique française pour l'ensemble de la communauté scientifique.

L'Ifremer est source de connaissances, d'innovation, de données de surveillance et d'expertise pour le monde de la mer, à la fois en matière de politique publique et en matière d'activité socio-économique. Il est la seule structure de ce type en Europe.

Top 5 Donors gouvernement NC
 Etat Français
 . INSEE
 Ministère de la recherche

Research Budget	2008	2009	2010	Total
			11668 EUR	11668
Number of Research Employees	2008	2009	2010	Average
Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total
Number of Research Teams	1			

Research Teams		1 of 1 Teams
Name of Team	Aucune, juste un chercheur en contrat	
Name of the		

Coordinator	
Email	
Website	
Research and Development Sector	Social and economic concerns
Source of Funding	Gouvernement Fédéral
Name of Researcher	Expertise
1. laure HADJ	Sociologie démographie

Projects			
Title of Project	Sociologie-démographie en NC		
Start Date	2010	End Date	2013
Research organization collaborating			
Name of funding Source(s)	gouvernement NC - CIFRE		

Météo France NC

Type of Organization Public Institute

Address

5, rue Vincent Auriol BP 151 - 98845 Nouméa Cedex

Website www.meteo.nc

Representative Eric PETERMANN

Name directeur-nc@meteo.fr

Mandate Le rôle de Météo France NC est avant tout celui d'une entité opérationnelle gérant un réseau de mesure et fournissant des services aux autorités, à l'aviation au grand public et aux secteurs d'activité météo-dépendants.

Des activités R&D sont néanmoins réalisées dans les domaines des Sciences de l'atmosphère (modélisation) et de la climatologie (downscaling) afin d'améliorer la fourniture de services à la communauté d'utilisateurs.

MF NC opère son réseau de mesure avec la même exigence de qualité que MF au niveau national. Nos données sont hébergées sur le site central de MF à Toulouse. Ce patrimoine climatologique a une valeur très importante notamment pour les travaux sur le changement climatique.

Des collaborations avec l'IRD, l'UNC et d'autres organismes (y compris internationaux : Australian Bureau of Meteorology, NIWA NZ) sont possibles dans des domaines variés relatifs à la météorologie et au climat (y/c les prévisions saisonnières).

MF en Nouvelle-Calédonie ne porte pas de projets de recherche mais peut apporter son expertise ou simplement un ensemble de données dans le cadre d'une convention ad hoc avec un autre organisme.

MF en Nouvelle-Calédonie n'a pas d'équipe de recherche proprement dite mais un pool de 4 ou 5 personnes qui peuvent consacrer une partie de leur activité à la R&D. En agrégeant, on obtient bon an mal an 1.2 homme.année de potentiel R&D ce qui correspond en gros à 75K€ de masse salariale.

Top 5 Donors Météo-France (Etat/MEEDDM)
gouvernement NC
vente de services, produits et données

Research Budget	2008	2009	2010	Total
	75K€	75K€	75K€	225 K€
Number of Research Employees	2008	2009	2010	Average
Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total

Université de la Polynésie Française

Type of Organization	Public University
Address	BP 6570 • 98702 FAA'A • Tahiti
Website	http://www.upf.pf/
Representative Name	Louise PELTZER presidente@upf.pf
Mandate	L'université de la Polynésie française est un établissement public à caractère scientifique, culturel et professionnel (EPSCP). En tant qu'établissement public de l'enseignement supérieur, l'université de la Polynésie française assure, de façon autonome, de multiples missions dont bénéficient les jeunes de la Polynésie française et concoure ainsi au développement social, économique et culturel de la société polynésienne. En vertu des dispositions du code de l'éducation, elle contribue à ce titre :

Au développement de la recherche, support nécessaire des formations dispensées, et à l'élévation du niveau scientifique, culturel et professionnel de la collectivité et des individus qui la composent.

A la croissance locale, régionale et nationale, à l'essor économique et à la réalisation d'une politique de l'emploi prenant en compte les besoins actuels et leur évolution prévisible.

A la réduction des inégalités sociales ou culturelles et à la réalisation de l'égalité entre les hommes et les femmes en assurant à toutes celles et à tous ceux qui en ont la volonté et la capacité l'accès aux formes les plus élevées de la culture et de la recherche.

La formation initiale et continue en offrant une gamme très diversifiée de diplômes d'État ou d'université :

- ▶ Licences et masters généralistes à caractère national
- ▶ Licences professionnelles
- ▶ Formations diplômantes
- ▶ Institut universitaire de formation des maîtres

- ▶ Ecole doctorale

La recherche scientifique et technique ainsi que la valorisation de ses résultats :

- ▶ Cinq laboratoires ou équipes d'accueil (EA)
- ▶ Contribution au développement scientifique et technologique en collaboration avec les organismes de recherche, l'État et la Polynésie française
- ▶ Participation à l'étude et à la mise en valeur des éléments du patrimoine polynésien

L'insertion professionnelle de ses étudiants pour que leur diplôme devienne le meilleur passeport pour l'emploi :

- ▶ Bureau de l'insertion professionnelle et du suivi des stages
- ▶ Professionnalisation des parcours de formation
- ▶ Forum Étudiants/Entreprises

La diffusion de la culture et l'information scientifique et technique :

- ▶ Organisation de colloques internationaux
- ▶ Publications scientifiques des enseignants-chercheurs
- ▶ Cycle des conférences Savoirs pour Tous
- ▶ Bibliothèque universitaire et Fonds polynésien

La coopération internationale :

- ▶ Accueil d'étudiants étrangers et échanges inter-universitaires de personnels
- ▶ Dispositif Erasmus (mobilité dans le cadre de l'Union Européenne)
- ▶ Conventions avec des universités de la zone Pacifique et autres
- ▶ Assistants de français à l'étranger

Top 5 Donors

Ministère de l'ens sup et recherché
Secrétariat d'Etat outre-mer
Centre National Etudes Spatiales
Fonds Européen de Dev
Agence Nationale de la Recherche

Research Budget	2008	2009	2010	Total
	78 610 €+4	190 722 €+11		

	443€	482 €		
Number of Research Employees	2008	2009	2010	Average
Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total
Number of Research Teams	5			

Research Teams		1 of 5 Teams
Name of Team	Biodiversité terrestre et marine -	
Name of the Coordinator	Phila RAHARIVELOMANANA	
Email	Phila.raharivelomanana@upf.pf	
Website	http://www.upf.pf/-BIOTEM-.html	
Research and Development Sector	Agriculture and food supply Biology and medicine Environment and climate	
Source of Funding	Gouvernement National Gouvernement Local Financements Bilatéraux (<i>préciser</i>) ¹⁶ : CPER Financements Multilatéraux (<i>préciser</i>) ¹⁷ : FED	
Name of Researcher	Expertise	
1. Phila RAHARIVELOMANANA	Environnement et climat, Agriculture et approvisionnement alimentaire	
2. Nabila GAERTNER-MAZOUNI	Environnement et climat, Agriculture et approvisionnement alimentaire	
3. Marcel LE PENNECI	Environnement et climat, Agriculture et approvisionnement alimentaire	
4. Jean-Claude GAERTNER	Environnement et climat, Agriculture et approvisionnement alimentaire	
5. Taivini TEAI	Environnement et climat, Agriculture et approvisionnement alimentaire	
6. Gaël LECHELLIER	Biologie et médecine, Environnement et climat, Agriculture et approvisionnement alimentaire	
7. Nelly SCHMITTc	Environnement et climat, Agriculture et approvisionnement alimentaire	
8. Marina DEMOY-SCHNEIDER	Environnement et climat, Agriculture et approvisionnement alimentaire	

9. Jean Pierre BIANCHINI	Environnement et climat, Agriculture et approvisionnement alimentaire
10. Stéphanie SOULET 11 Isabelle BOMBARDA	Environnement et climat, Agriculture et approvisionnement alimentaire

Projects			
Title of Project	Biodiversité insulaire tropicale : substances naturelles, usages et valorisations sociétales		
Start Date	01/2008	End Date	12/2011
Research organization collaborating	IRD		
Name of funding Source(s)	1. MENRT 2. IRD		
Title of Project	Patrimoine Naturel des Marquises,		
Start Date	01/2009	End Date	12/2011
Research organization collaborating	UPF		
Name of funding Source(s)	1. France 2. Polynésie française		
Title of Project	Perliculture durable: Optimisation de la greffe et analyse du rôle du nucléus,		
Start Date	2007	End Date	2009
Research organization collaborating			
Name of funding Source(s)	ANR		
Title of Project	Amélioration de la qualité de la perle Pinctada margaritifera de Polynésie française		
Start Date	2008	End Date	2012
Research organization collaborating	Ifremer		
Name of funding Source(s)	GDR		
Title of Project	Professionalisation et pérennisation de la perliculture		
Start Date	2007	End date	2010
Research organization collaborating			
Name of funding Source(s)	. FED		
Title of Project	La cryoconservation des spermatozoïdes de l'huître perlière Pinctada margaritifera, un atout pour une perliculture durable et la sauvegarde de sa biodiversité		
Start Date	2009	End Date	2010
Research organization			

collaborating			
Name of funding Source(s)	Secretariat d'Etat à l'Outre mer		
Title of Project	Gestion de l'exploitation du bénitier à Tatakoto et Raivavae		
Start Date	2010	End Date	2012
Research organization collaborating	1. IRD 2. SPE		
Name of funding Source(s)	1. Secretariat d'Etat à l'Outre mer		
Title of Project	Influence des facteurs environnementaux sur la variabilité génomique : analyse spatio-temporelle d'atolls de la Polynésie française.		
Start Date	06/2010	End Date	
Research organization collaborating	1. IFREMER		
Name of funding Source(s)			

Research Teams		2 of 5 Teams
Name of Team	Géosciences du Pacifique Sud	
Name of the Coordinator	J-P. BARRIOT	
Email	J-P. BARRIOT	
Website	http://www.upf.pf/-GEPASUD-.html	
Research and Development Sector	Environment and climate	
Source of Funding	Gouvernement National	
Name of Researcher	Expertise	
1. Jean-Pierre Barriot	Environnement et climat	
2. Pascal Ortega	Environnement et climat	
3. Alban Gabillon	Technologie de l'Information et de la communication	
4. Sébastien Chabrier	Technologie de l'Information et de la communication	
5. Benoit Stoll	Technologie de l'Information et de la communication	
6. Patrick Capolsini	Technologie de l'Information et de la communication	
7. Lydie Sichoix	Environnement et climat	
8. Keitapu Maamaatuaahitapu	Environnement et climat	

Projects	
Title of Project	Observatoire polynésien du réchauffement climatique par

réseaux GNSS et marégraphie			
Start Date	2009	End Date	2010
Research organization collaborating	1. Laboratoire de géophysique 2. Météo France Division Climat-Etudes-Réseau 3. Laboratoire de Géophysique Interne et Tectonophysique	LDG DIRPF LGIT	PF PF F
Name of funding Source(s)	1. Contrat Etat/Territoire (50%) 2. AFP (50%)		

Research Teams		3 of 5 Teams
Name of Team	Géométrie algébrique et applications à la théorie de l'information	
Name of the Coordinator	J-M. GOURSAUD	
Email		
Website		
Research and Development Sector	Information and communication technology	
Source of Funding		
Name of Researcher	Expertise	
1. J-M. GOURSAUD		
2. David ADAM		
3. Gérald BOURGEOIS		
4. Eric FERARD		
5. Roger OYONO		
6. Jean CHAUMINE		

Research Teams		4 of 5 Teams
Name of Team	Gouvernance et développement insulaire	
Name of the Coordinator	M. DEBENE	
Email		
Website	http://www.upf.pf/-GDI-.html	
Research and Development Sector	Social and economic concerns	

Source of Funding	Gouvernement National Financements Multilatéraux (<i>préciser</i>) ¹⁸ : CPS
Name of Researcher	Expertise
1. M. DEBENE	
2. Vincent DROPSY	
3. Christian MONTET	
4. Bernard POIRINE	
5. Bernard GILLE	
6. Jean-Marc REGNAULT	
7. Sabine BAZILE	
8. Alain MOYRAND	
9. Jean-Paul PASTOREL	
10. Antonino TROIANIELLO	
11. Sémir AL WARDI	
12. Philippe	
13. BACHIMON	
14. Alain CHIREZ	
15. Hervé LALLEMANT	
16. Yann RIVAL	
17. Yves-Louis SAGE	
18. Florent VENAYRE	

Projects			
Title of Project	Étude économique du potentiel touristique de la Polynésie Française		
Start Date	Nov 2007	End Date	Nov 2009
Research organization collaborating			
Name of funding Source(s)			
Title of Project	Analyse des facteurs de la croissance économique de la Polynésie française		
Start Date	Sept 2008	End Date	Sept 2010
Research organization collaborating			
Name of funding Source(s)	Secrétariat d'Etat de l'Outre mer		
Projects			

Title of Project	Les communes dans les collectivités d'Outre Mer		
Start Date			
Research organization collaborating			
Name of funding Source(s)			

Research Teams	5 of 5Teams
Name of Team	Sociétés traditionnelles du Pacifique : fondements culturels, histoire et représentations
Name of the Coordinator	S. DUNIS
Email	serge.dunis@upf.pf
Website	http://www.upf.pf/-Societes-traditionnelles-du-.html
Research and Development Sector	Social and economic concerns
Source of Funding	Gouvernement National
Name of Researcher	Expertise
1. S. DUNIS	
2. Éric CONTE	
3. Véronique LARCADE	
4. Sylvie LARGEAUD-ORTEGA	
5. Renaud MELTZ	
6. Louise PELTZER	
7. Christine PEREZ	
8. Andreas PFERSMANN	
9. Vahi Sylvia RICHAUD	
10. Bruno SAURA	
11. Liou TUMAHAI	
12. Céline BORELLO	
13. Paola CARMAGNANI	
14. Sébastien LARRUE	
15. Stéphane PUJOL	
16. Isabelle PROUST	

Projects			
Title of Project	Les identités culturelles ultramarines de Polynésie française : culture, histoire, langues		
Start Date			
Research organization collaborating			
Name of funding Source(s)	Secrétariat d'Etat de l'Outre-mer		

Centre de Recherche et de Documentation sur l'Océanie

Type of Organization	Public
Address	Maison Asie Pacifique, 3 place Victor Hugo, 13003 Marseille
Website	
Representative Name	DOUSSET Laurent
Mandate	Le CREDO est le seul laboratoire de recherche public français dédié spécifiquement aux recherches sur le Pacifique dans les Sciences Humaines et Sociales. Les recherches entreprises dans le Pacifique par les membres du laboratoire se situent dans des domaines qui touchent directement ou indirectement aux questions du développement par l'articulation des questions sociétales et culturelles avec les questions politiques, économiques et démographiques.

Top 5 Donors

1. CNRS
2. Université de Provence
3. EHESS (Ecole des Hautes Etudes en Sciences Sociales)
4. ANR (Agence Nationale de la Recherche)
5. ARC (Australian Reserch Council)

Research Budget	2008	2009	2010	Total
	114300	127130	171200	

	EUR	EUR	EUR	
Number of Research Employees	2008	2009	2010	
	5	5	6	
Number of Publications	2008	2009	2010	
	83	70	?	
Number of Thesis	2008	2009	2010	
	15	15	17	
Number of Research Teams	1			

Research Teams		1 of 7 Teams
Name of Team	Centre de Recherche et de Documentation sur l'Océanie	
Name of the Coordinator	Laurent DOUSSET	
Email	laurent.dousset@pacific-credo.fr simonne@pacific-credo.fr	
Website	http://www.pacific-credo.fr	
Research and Development Sector	Social and economic concerns	
Source of Funding	Gouvernement National Organisation régionale Financements Bilatéraux	
Name of Researcher	Expertise	
1. Pascale BONNEMÈRE		
2. Lorenzo BRUTTI		
3. Jean-Michel CHAZINE		
4. Anne DI PIAZZA		
5. Françoise DOUAIRE-MARSAUDON		
6. Laurent DOUSSET		
7. Pierre JORDAN		
8. Pierre LEMONNIER		

9. Simonne PAUWELS	
10. Sandra REVOLON	
11. Marc TABANI	
12. Serge TCHERKÉZOFF	

Projects			
Title of Project	Political mutations in three Melanesian countries		
Start Date	10/2009	End Date	09/2012
Research organization collaborating	1. CREDO 2. Centre Culturel 3. Universités Montpellier et Strasbourg	VKS	Vanuatu
Name of funding Source(s)	ANR		

Centre de recherches insulaires et Observatoire de l'Environnement de Polynésie Française

Type of Organization	Public
Address	BP 1013, Papetoai, Moorea
Website	www.observatoire-gops.org
Representative Name	Bernard Pelletier
Mandate	Ce Grand Observatoire, auquel participent plus de quatre-vingts laboratoires et unités de recherche, est un système fédérateur d'observation et d'expérimentation au service de la recherche, de la formation, de la valorisation et de l'expertise, afin de conforter la position française et européenne dans le Pacifique Sud et de mieux répondre aux besoins régionaux. Il est basé sur l'observation et le suivi à long terme de l'environnement, des écosystèmes et de la biodiversité affectés par les changements environnementaux et les pressions anthropiques. Il permettra de faire profiter une très large communauté de chercheurs de la masse considérable de données et d'échantillons collectés (herbiers terrestres et marins, données océano-climatiques, hydro-géochimiques et géophysiques, bases de données sur les poissons des récifs coralliens, cartographie satellitaire des îles et des récifs coralliens, données paléo-environnementales,...). Les programmes conduits dans cette grande région doivent s'appuyer sur des plateformes scientifiques et technologiques dans les Territoires, notamment des moyens à la mer et des moyens analytiques et de calcul. Les équipements actuels doivent être

renforcés et mutualisés.

Les objectifs principaux de ce Grand Observatoire sont les suivants:

Mettre en place, développer, coordonner, mettre en cohérence et mutualiser les systèmes et réseaux d'observation afin de structurer, harmoniser, spatialiser et modéliser les observations pour la recherche sur les écosystèmes terrestres et marins, la biodiversité et les impacts environnementaux, naturels et anthropiques;

Optimiser, consolider et mutualiser les moyens lourds à la mer (navires océanographiques, engins instrumentation...) et les plateformes techniques régionales existantes ou nouvelles (analytiques, de biologie moléculaire, de calcul intensif...);

Soutenir et coordonner l'activité des équipes de recherche autour de programmes communs, d'ateliers cibles, de réponses conjointes aux appels d'offres nationaux, européens et internationaux, de recrutements et d'acquisitions d'équipements mutualisés ;

Participer à la mise en place de masters, en particulier dans le Pacifique Sud en soutenant notamment l'action en ce sens de l'Université de Nouvelle-Calédonie et de l'Université de Polynésie Française ;

Assurer une fonction d'expertise et de conseil auprès de l'État, des collectivités pour la surveillance et la veille environnementales, la conservation et la restauration des sites, la valorisation du patrimoine naturel ;

Renforcer la coopération scientifique internationale, notamment avec les universités et organismes de recherche de la région.

Les thématiques abordées par le GOPS se structurent autour de plusieurs axes:

Les écosystèmes marins, avec une forte composante sur les récifs coralliens, les lagons et les mangroves ;

Les écosystèmes terrestres, avec une forte composante autour des processus d'adaptation aux sols métallifères, aux processus de différenciation de la flore et de la faune endémiques, et à la dynamique des communautés naturelles insulaires (changements de distribution des espèces en réponse aux changements globaux et plus généralement à l'activité anthropique) ;

La variabilité et le changement climatiques et leurs conséquences en termes d'évènements extrêmes, de ressources en eau, de modification des conditions environnementales (niveau de la mer, acidification et productivité de l'océan, ...);

Les aléas d'origine tellurique, sismiques (y compris les tsunamis) et volcaniques, et leurs impacts sur les populations et

l'environnement (santé, productivité primaire dans l'océan, ...);
 L'impact des activités anthropiques, avec notamment une approche intégrée et comparative de bassins versants soit non, peu ou fortement modifiés par les activités humaines (exploitations minières, pollution, urbanisation, ...) et de leurs avais lagunaires et récifaux ;
 les relations environnement et santé (maladies infectieuses à vecteurs, éco-toxicologie marine, contaminants, substances naturelles d'intérêt thérapeutique,...) ;
 les représentations, pratiques et politiques de la « nature » (rapports sociétés /environnement passés et actuels ; usages, pratiques, savoirs, normes et modes de gestion relatifs aux ressources naturelles, à l'environnement, à la biodiversité).
 Les axes transversaux portent sur l'observation et la donnée au sens large : acquisition, gestion, traitement et diffusion de données, ainsi que sur la modélisation qui est indissociable de l'observation, pour les changements d'échelle, l'optimisation des stratégies spatio-temporelles d'observation, et anticiper les impacts des évènements à venir.

Top 5 Donors . l'Université Pierre et Marie Curie - Paris VI (UPMC) ;
 l'Université de la Nouvelle-Calédonie (UNC) ;
 l'Université de la Polynésie Française (UPF) ;
 l'Université de Perpignan Via Domitia (UPVD) ;
 l'Université de Montpellier 2 (UM2) ;

Research Budget	2008	2009	2010	Total
			34000+127500+20000€	
Number of Research Employees	2008	2009	2010	Average
Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total
Number of Research Teams	1			

Research Teams	1 of 1 Teams

Name of Team	Le GOPS est le financeur pas une équipe de recherche
Name of the Coordinator	
Email	
Website	
Research and Development Sector	
Source of Funding	
Name of Researcher	

Projects			
Title of Project	Dengue and climate		
Start Date	2010	End Date	2011
Research organization collaborating	1. ILM 2. IRD 3. Météo France Institut Pasteur NC DASS SPC		PF NC NC et PF NC NC NC
Name of funding Source(s)	1. GOPS		
Title of Project	Compilation of Biodiversity Knowledge in the South Pacific		
Start Date	2010	End Date	2011
Research organization collaborating	1. CNRS EPHE 2. UNC 3. UPF ADCK		France NC PF NC
Name of funding Source(s)	1. GOPS		
Title of Project	Recruitment and mortality of corals in NC and FP		
Start Date	2010	End Date	2011
Research organization collaborating	1. James Cook University 2. UNC 3. CRIOBE CNRS		Aust NC PF France
Name of funding Source(s)	1. GOPS		
Title of Project	Coastal temperature series in the South Pacific		
Start Date	2010	End Date	2011
Research organization collaborating	1. CNRS 2. INSU 3. UPF UNC Ifremer		France France PF NC NC et PF

Name of funding Source(s)	1. GOPS		
Title of Project	Renovation of the thin section laboratory		
Start Date	2009	End Date	2010
Research organization collaborating	1. IRD		NC
Name of funding Source(s)	1. GOPS		
Title of Project	Studies on ocean acidification		
Start Date	2009	End Date	2010
Research organization collaborating	1. IRD		
Name of funding Source(s)	1. GOPS		
Title of Project	Chemistry program on algae		
Start Date	2009	End Date	2010
Research organization collaborating	. IRD		
Name of funding Source(s)	1. GOPS		
Title of Project	Equipment for the mangrove observation station		
Start Date	2009	End Date	2010
Research organization collaborating	1. IRD		
Name of funding Source(s)	1. GOPS		
Title of Project	Depth profile of the Wallis lagoon		
Start Date	2010	End Date	2011
Research organization collaborating	1. IRD 2. UNC 3. Service environnement Wallis et Futuna 4.SOPAC 5.Ifrecors 6.Géopolynésie (société)		NC NC Wallis et Futuna ? PF
Name of funding Source(s)	1. GOPS		
Title of Project	Biochemistry of the ocean		
Start Date	2010	End Date	2011
Research organization	1. IRD 2. CNRS		NC France

collaborating	3. Universités françaises		France
Name of funding Source(s)	1. GOPS		
Title of Project	Biochemical and Physicochemical data on the lagoon of NC		
Start Date	2009	End Date	2010
Research organization collaborating	1. IRD		
Name of funding Source(s)	1. GOPS		
Title of Project	Lagoon archives on benthic invertebrates		
Start Date	2009	End Date	2010
Research organization collaborating	1. IRD 2. univ de Brest 3. CNRS		NC France France
Name of funding Source(s)	1. GOPS		
Title of Project	Island species of the Marquesas and Tuamotu		
Start Date	2009	End Date	2010
Research organization collaborating	1. IRD		
Name of funding Source(s)	1. GOPS		

Institut Français de Recherche pour l'exploitation de la Mer

Type of Public Institute

Organization**Address** BP 7004 – Taravao - Tahiti**Website** wwz.ifremer.fr/cop**Representative** Marc TAQUET**Name** Marc.Taquet@ifremer.fr

Mandate Le Centre Océanologique du Pacifique (COP), implantation de l’Ifremer à Tahiti effectue des recherches scientifiques en appui au développement durable des filières locales : crevetticulture, pisciculture, perliculture, énergies marines renouvelables. Les travaux portent également sur la compréhension des mécanismes de bio-minéralisation notamment dans le cadre de l’amélioration de la qualité de la perle (GDR ADEQUA). L’environnement marin (biodiversité marine, écosystèmes lagunaires, détection des contaminants,) représentent les nouveaux axes de recherche récemment développés par le centre Ifremer en Polynésie française.

Ces recherches sont menées en collaboration avec les services du gouvernement de la Polynésie française : Service de la Perliculture et Service de la Pêche. Elles sont effectuées en partenariat avec l’Université de Polynésie française et plusieurs universités de métropole ainsi qu’avec les principaux organismes de recherche travaillant dans le milieu marin en Polynésie française (IRD, EPHE, LESE, Institut Malardé).

Top 5 Donors

Budget Ifremer : dotation annuelle du centre
 Services du Pays : conventions avec les ministères
 Contrat de projet Polynésie française (Etat – Pays)
 ANR – MOM et autres Appels d’offres Recherche

Research Budget	2008	2009	2010	Total
	4112000	3998500	4088000	12198500
Number of Research Employees	2008	2009	2010	Average
	28	26	33	29
Number of Publications	2008	2009	2010	Total
	4	3	5	12
Number of Thesis	2008	2009	2010	Total
	1	4	2	7
Number of Research Teams	2			

Research Teams		1 of 2 Teams
Name of Team	Laboratoire Domestication de l'huître perlière	
Name of the Coordinator	Gilles Le Moullac	
Email	gilles.le.moullac@ifremer.fr	
Website		
Research and Development Sector	Agriculture and food supply	
Source of Funding	Gouvernement National Gouvernement Local	
Name of Researcher	Expertise	
1. Pierre Garen	Cadre de recherche : Interactions Perliculture Environnement	
2. Chin Long Ky	Cadre de recherche : Génétique (sélection, population)	
3. Mayalen Maihota	Technicienne : production de microalgues	
4. Manaarii Sham Koua	Technicien : Génétique, analyse d'image	
5. Claude Soyez	Technicien : écophysiologie	
6. Hinano Tessier	Technicienne : production de microalgues	
7. Roger Tetumu	Technicien d'élevage polyvalent	
8. Tiapari Jérôme	Technicien de laboratoire : biochimie, hydrobiologie	
9. Vincent Vanaa	Technicien d'élevage : reproduction des bivalves	
10. Vincent Vonau	Technicien : responsable d'élevage	

Projects			
Title of Project	Sustainable pearl farming		
Start Date	2007	End Date	2009
Research organization collaborating		Ifremer Criobe UPF Univ Dalhousie	France France France Canada
Name of funding Source(s)			
Title of Project	Improving the quality of pearls in French Polynesia		
Start Date	12/2008	End Date	12/2012
Research organization collaborating	1. 10 partners including IFREMER, the Department of Pearl Farming, The University of Caen, The University of Polynesia, CRIOBE, and 2 businesses.		

Name of funding Source(s)			
Title of Project	Genetic resources of Polynesian pearl farming		
Start Date	2010	End Date	2011
Research organization collaborating		Ifremer Criobe UPF Univ Dalhousie	France France France Canada
Name of funding Source(s)			
Title of Project	Environmental determination of growth and reproduction in the pearl oyster		
Start Date	2008	End Date	2009
Research organization collaborating		UPF Ifremer PF	France France
Name of funding Source(s)	1. IX European Development Fund		
Title of Project	Immunological quantification of the gametes of the pearl oyster <i>Pinctada margaritifera</i>		
Start Date	2009	End Date	2010
Research organization collaborating	1. Ifremer 2. Université Polynésie 3. Université Jeju 4. Kordi	Ifremer PF UPF	France France Corée du sud Corée du sud
Name of funding Source(s)	1. PHC STAR , Association EGIDE		

Research Teams		2 of 2Teams
Name of Team	Laboratoire Biotechnologie Qualité de la Perle	
Name of the Coordinator	Yannick Gueguen	
Email	ygueguen@ifremer.fr	
Website		
Research and Development Sector	Agriculture and food supply Biology and medicine	
Source of Funding	Gouvernement National Gouvernement Local Fondations	
Name of Researcher	Expertise	
1. Y. Gueguen	Chercheur Génomique fonctionnellel	

2. C. Belliard	Technicien supérieur biologie moléculaire
3. P. Levy	Technicien supérieur histologie
4. D. Saulnieri	Chercheur Génomique fonctionnelle
5. J. Fievet	Technicien supérieur biologie moléculaire
6. R. David	Ingénieur pathologiste
7. A. Pellan	Technicien pathologiste

Projects			
Title of Project	Improving the quality of pearls in French Polynesia		
Start Date	12/2008	End Date	12/2012
Research organization collaborating	10 partenaires dont l'Ifremer, le Service de la perliculture, l'Université de Caen, Université de Polynésie, le CRIOBE, et 2 entreprises		
Name of funding Source(s)			

INRA

Type of Organization

Address

Website

Representative

Name

Mandate

Top 5 Donors

Research Budget	2008	2009	2010	Total
Number of Research Employees	2008	2009	2010	Average
Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total
Number of Research Teams	1			

Research Teams		1 of 1 Teams
Name of Team	INRA – Bordeaux Aquitaine	
Name of the Coordinator	Carnus Jean-Michel	
Email	carnus@pierroton.inra.fr	
Website	www.bordeaux.inra.fr	
Research and Development Sector	Environment and climate	
Source of Funding	Gouvernement National Financements Multilatéraux (<i>préciser</i>) ¹⁹ : UE	
Name of Researcher	Expertise	
1. BARBARO LUC	ENV	
2. BOUFFIER LAURENT	ENV	
3. BRUNET YVES	ENV	
4. PORTE ANNABELLE	ENV	
5. DUPONT SYLVAIN	ENV	

6. JACTEL HERVE	ENV
7. KREMER ANTOINE	ENV
8. LOUSTAU DENIS	ENV
9. FRANC ALAIN	ENV
10. MEREDIEU CELINE	ENV
11. PLOMION CHRISTOPHE	ENV
12. RAFFIN ANNIE	ENV
13. VAN HALDER INGE	ENV

Projects			
Title of Project	Transferring Research between EU and Australia-New Zealand on Forestry and Climate Change		
Start Date	02/2009	End Date	01/2013
Research organization collaborating	1. ISA 2. FR 3. CSIRO + SCION		PORT UK AUST + NZ
Name of funding Source(s)	1. UE 2. AUSTRALIA 3. NEW ZEALAND		
Name of funding Source(s)			

IRD CPRBI

Type of
Organization

Address

Website

Representative

Name

Mandate

Top 5 Donors

Research Budget	2008	2009	2010	Total
Number of Research Employees	2008	2009	2010	Average
	18			18
Number of Publications	2008	2009	2010	Total
	47			47
Number of Thesis	2008	2009	2010	Total
	7			7
Number of Research Teams				

Research Teams		1 of 1 Teams
Name of Team	Centre Polynésien de Recherche sur la Biodiversité insulaire	
Name of the Coordinator	MORETTI C.	
Email	polynesie@ird.fr,	
Website		
Research and Development Sector	Agriculture and food supply Environment and climate	
Source of Funding	Gouvernement Fédéral Gouvernement Local Entreprises Financements Bilatéraux (<i>préciser</i>) ²⁰ : NZAID Financements Multilatéraux (<i>préciser</i>) ²¹ : UE -FED	
Name of Researcher	Expertise	
1. Moretti Christian	sciences de la vie	
2. Debitus Cecile	sciences de la vie	
3. Petek Sylvain	sciences de la vie	
4. Laurent Dominique	sciences de la vie	
5. Charpy Loïc	sciences de la vie	

6. Ottino Pierre	Culture - archéologie
------------------	-----------------------

Projects			
Title of Project	MARQUESAS, PATRIMOINE BIOLOGIQUE DES MARQUISES		
Start Date	00/2/2010	End Date	31/12/2012
Research organization collaborating	1. UPF		Polynésie Française
Name of funding Source(s)	1. France Ministère de la recherche 2. Polynésie - Gouvernement		
Title of Project	Analyse de risques toxiques liés au développement de cyanobactéries benthiques marines en zone tropicale		
Start Date	01/12/2008	End Date	31/11/2012
Research organization collaborating	1. Intitut Malarde 2. ARVAM La Réunion 3. Institut Pateur 4. CNRS 5. Ifremer 6. CHU de Rangueil		France
Name of funding Source(s)	1. ANR CES		
Title of Project	Étude de l'hydroclimat (priorité 1) et des sources de nourritures (priorité 2) de l'huître perlière <i>Pinctada margaritifera</i>		
Start Date	01/01/2008	End Date	31/12/2010
Research organization collaborating	1. Univ Caen 2. Univ La Rochelle 3. Univ. Méditerranée 4. Service de la Perliculture		France France France Pol Francaise
Name of funding Source(s)	FED (UE)		

IRSNLESE

Type of

Organization
Address
Website
Representative
Name
Mandate
Top 5 Donors

Research Budget	2008	2009	2010	Total
Number of Research Employees	2008	2009	2010	Average
Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total
Number of Research Teams	1			

Research Teams		1 of 1 Teams
Name of Team	Laboratoire d'étude et de suivi de l'environnement	
Name of the Coordinator	BOUISSET	
Email	Patrick.bouisset@mail.pf	
Website	www.IRSN.fr	
Research and Development Sector	Environment and climate	
Source of Funding	Gouvernement National	
Name of Researcher		
1. Bouisset	Environnement et climat	
2. Bernagout	Environnement et climat	

Projects			
Title of Project	Mise au point d'un réseau de surveillance des polluants anthropiques dans les eaux lagunaires de Polynésie française par l'utilisation de mollusques sentinelles		
Start Date	08/2009	End Date	08/2011
Research organization collaborating	1. Institut français de Recherche pour l'Exploitation de la Mer	IFREMER	Polynésie française

	2. Institut de Radioprotection et de Sûreté Nucléaire 3. Centre de Recherche Insulaire et Observatoire de l'Environnement	IRSN CRIOBE	Polynésie française Polynésie française
Name of funding Source(s)	SEOM		

Lisode

Type of Organization	Non public, Entreprise PME ²²
Address	361 rue JF Breton BP 5095 34196 Montpellier Cedex 05
Website	www.lisode.com
Representative Name	Jean-Emmanuel Rougier Jean-emmanuel.rougier@lisode.com
Mandate	Lisode intervient en Afrique du nord et en Afrique subsaharienne dans le cadre de projets d'accompagnements de petits agriculteurs. Ces interventions portent essentiellement sur la constitution de groupes d'apprentissages et d'échanges d'expérience, la capacitation d'acteurs marginalisés pour conduire des projets collectifs, et le support méthodologique pour la constitution d'échanges d'expertises (scientifique et d'usage). Ces interventions font toujours l'objet de valorisation scientifique. Lisode intervient par ailleurs en tant que partenaire de recherche dans des projets de recherche-action sur les notions d'évaluation des processus participatifs.

Top 5 Donors

Research Budget	2008	2009	2010	Total
Number of Research Employees	2008	2009	2010	Average
	18			18
Number of Publications	2008	2009	2010	Total
	47			47
Number of Thesis	2008	2009	2010	Total
	7			7
Number of Research Teams	1			

Research Teams	1 of 1
-----------------------	---------------

²² Petite et Moyenne Entreprise

		Teams
Name of Team		
Name of the Coordinator		
Email		
Website		
Research and Development Sector	Agriculture and food supply Environment and climate Social and economic concerns	
Source of Funding	Gouvernement National Organisation régionale	
Name of Researcher	Expertise	
1. Mathieu Dionnet	Coordination interinstitutionnelle, accompagnement/développement	
2. Yorck von Korff	Facilitation, concertation	
3. Amar Imache	Agronomie et accompagnement agricole/gestion de l'eau	
4. Jean-Emmanuel Rougier	Modélisation d'accompagnement	

Université de NC

Type of Organization	Public University
Address	BPR4 - 98851 Nouméa Cedex
Website	http://www.univ-nc.nc/
Representative Name	Jean-Marc BOYER Hamid.amir@univ-nc.nc
Mandate	Les travaux de recherche réalisés au sein de l'UNC concernent globalement 2 axes essentiels en Nouvelle-Calédonie: la biodiversité et l'environnement minier. Ces 2 axes sont abordés de façon pluridisciplinaire: aspect biologiques par l'équipe LIVE; aspects physiques, géologiques et informatiques par l'équipe PPME; aspects géographiques, sociaux, historiques et culturels par l'équipe CNEP et aspect juridiques par l'équipe LARJE. A ces axes fondamentaux s'ajoutent des domaines particuliers : recherche sur la culture locale et les langues locales; droit local, etc.
Top 5 Donors	Etat Gouvernement de la Nouvelle-calédonie

CNRT "Nickel et son Environnement
 Provinces de la Nouvelle-Calédonie
 Sociétés minières installées en Nouvelle-Calédonie

Research Budget	2008	2009	2010	Total
	595 000 euros	824 000 euros	829 000 euros	
Number of Research Employees	2008	2009	2010	Average
				18
Number of Publications	2008	2009	2010	Total
	111	125	162	47
Number of Thesis	2008	2009	2010	Total
	8	8	7	7
Number of Research Teams	5			

Research Teams		1 of 5 Teams
Name of Team	Centre des Nouvelles Etudes sur le Pacifique, EA 4242	
Name of the Coordinator	Bernard RIGO	
Email	dircnep@univ-nc.nc	
Website	http://cnep.univ-nc.nc/	
Research and Development Sector	Social and economic concerns	
Source of Funding	Gouvernement National	
Name of Researcher	Expertise	
1. Dominique Barbe		
2. Vincent Clément		
3. Pascal Dumas		
4. Sonia Faessel		
5. Véronique Fillol		
6. Dominique Jouve		
7. Jean-Michel Lebigre		
8. Stéphane Pannoux		
9. Michel Perez		
10. Gilles Pestana		
11. Bernard Rigo		
12. Léonard Sam		

13.Christiane Terrier	
14.Jacques Vernaudon	
15.Michel Wauthion	
16.René Zimmer	

Research Teams		2 of 5 Teams
Name of Team	Equipe de Recherche en Informatique et Mathématiques	
Name of the Coordinator	Henri BONNEL	
Email	direrim@univ-nc.nc bonnel@univ-nc.nc	
Website		
Research and Development Sector	Information and communication	
Source of Funding		
Name of Researcher	Expertise	

Research Teams		3 of 5 Teams
Name of Team	Laboratoire Recherches Juridiques et Economiques	
Name of the Coordinator	Mathias CHAUCHAT	
Email	dirlarge@univ-nc.nc	
Website		
Research and Development Sector	Social and economic concerns	
Source of Funding		
Name of Researcher		
	1. Guy AGNIEL	
	2. Didier BABEL	
	3. Jean-Sylvestre BERGE	
	4. Séverine BLAISE	
	5. Ariane CAMPANA	
	6. Mathias	

CHAUCHAT	
7. Nicolas CLINCHAMPS	
8. Etienne CORNUT	
9. Jean-Florian ESCHYLLE	
10. Anne-Marie GAVARD	
12. Bernard GUILHOT	
13. Sandrine GRAVIER	
14. Nadège MEYER	
15. Gaël LAGADEC	
16. Cécile PERRET	
17. Catherine RIS	

Projects			
Title of Project	Ressources naturelles, biodiversité et environnement		
Start Date	2006	End Date	
Research organization collaborating			
Name of funding Source(s)	1. Province NC 2. Gouvernement NC 3. CNRT		
Title of Project	Legicalédonie		
Start Date	2004	End Date	
Research organization collaborating			
Name of funding Source(s)	1. Gouvernement NC		

Research Teams		4 of 5 Teams
Name of Team	Laboratoire insulaire du Vivant et de l'environnement	
Name of the Coordinator	BPR4 - 98851 Nouméa Cedex	
Email	dirlive@univ-nc.nc ; hamid.amir@univ-nc.nc	
Website	http://live.univ-nc.nc/ ;	
Research and Development Sector	Biology and medicine Environment and climate	

Source of Funding	Gouvernement National Province Organisation régionale Entreprises
Name of Researcher	Expertise
1. Hamid Amir	Biodiversité, sciences de la vie, protection de l'environnement
2. Yves Letourneur	Biodiversité, sciences de la vie, protection de l'environnement
3. Mohammed Nour	Biodiversité, substances naturelles
4. Bruno Fogliani	Biodiversité, sciences de la vie, protection de l'environnement,
5. Yvon Cavaloc	Biodiversité, sciences de la vie, protection de l'environnement
6. Edouard Hnawia	Biodiversité, substances naturelles
7. Nicolas Lebouvier	Biodiversité, substances naturelles
8. Yannick Lerrant	Biodiversité, sciences de la vie, protection de l'environnemen
9. Pascal Pagand	Biodiversité, sciences de la vie, protection de l'environnemen
10. Valérie Burtet Sarramégna Laurent Wantiez	Biodiversité, sciences de la vie, protection de l'environnement

Projects			
Title of Project	tude des bactéries intervenant dans la libération des métaux (titre du sous projet)		
Start Date	2006	End Date	2008
Research organization collaborating	6équipes différentes		NC
Name of funding Source(s)	1. ANR 2. complément par Goro Nickell		
Title of Project	Biodiversité et stratégies adaptatives végétales et microbiennes des écosystèmes ultramaïques en Nouvelle-Calédonie		
Start Date	2008	End Date	2011
Research organization collaborating	1. 7 équipes différentes dont: 2. UMR 113 3. LIVE-UNC	I LSTM LIVE	NC et Montpellier NC
Name of funding Source(s)	1. ANR		
Title of Project	iodiversité fonctionnelle, altérations et transferts dans les écosystèmes des bassins versants aux lagons de Nouvelle-Calédonie		
Start Date	2008	End Date	2011
Research organization collaborating	4 équipes différentes dont: 1 et 2. LIVE-UNC et PPME-UNC 3. UMR 113	LIVE et PPME	NC NC et Montpellier

	4- Coreus-NC	LSTM	NC
Name of funding Source(s)	1.MERS 2. IRD		
Title of Project	Caractérisation et fonctionnement du système sol/ plante/ microorganismes dans les maquis miniers de Nouvelle-Calédonie. Perspectives d'application à la restauration écologique		
Start Date	2010	End Date	2012
Research organization collaborating	6 équipes différentes dont: 1. LIVE-UNC 2. UMR 113 3- Axe Institutr Agron. néoCalédonien- 4- SIRAS Pacifique: entreprise de restauration écologique	I LIVE LSTM IAC Axe 2	NC NC et Montpellier NC NC
Name of funding Source(s)	1.CNRT Nickel et son Environnement		

Research Teams		5 of 5Teams
Name of Team	Pôle pluridisciplinaire de la Matière et de l'Environnement	
Name of the Coordinator	Michel ALLENBACH	
Email	dirppme@univ-nc.nc	
Website	http://ppme.univ-nc.nc/	
Research and Development Sector	Environment and climate	
Source of Funding		
Name of Researcher	Expertise	
1. Philipson BANI	Biodiversité, sciences de la vie, protection de l'environnement	
2. Jean-Marc BOYER	Biodiversité, sciences de la vie, protection de l'environnement	
3. Dominique CLUZEL	Biodiversité, substances naturellest	
4. J.François DINHUT	Biodiversité, sciences de la vie, protection de l'environnement,	
5. Frédéric FLOUVAT	Biodiversité, sciences de la vie, protection de l'environnement	
6. Peggy GUNKEL GRILLON	Biodiversité, substances naturellest	
7. Christine LAPORTE-MAGONI	Biodiversité, substances naturellest	
8. Vincent LIGNIER	Biodiversité, sciences de la vie, protection de l'environnemen	
9. Cyrille METAYER	Biodiversité, sciences de la vie, protection de l'environnemen	
10. Michael MEYER	Biodiversité, sciences de la vie, protection de	

	l'environnement
11. Thomas QUINIOU Albert	
12. ARANIVOSOLOARIMANANA	
13. François ROCCA	
14. Isabelle ROUET	
15. Nazha SELMAOUI-FOLCHER	
16. Arnaud SERRES	
17. Gilles TALADOIRE	
18. Touraivane TOURAIVANE	
19. Michel ALLENBACH	

Projects			
Title of Project	Geosciences		
Start Date			
Research organization collaborating	1. IGNS 2. Université d'Auckland 3. université de Hobart Université d'Orléans, Montpellier II, Grenoble		NZ NZ Tasmanie France
Name of funding Source(s)	MAE		

Regional Organization Listings

Secretariat of the Pacific Community (SPC)

Type of Organization	Inter-governmental Organization
Address	B.P. D - 99848 Noumea Cedex New Caledonia
Website	www.spc.int
Representative Name	Dr. Jimmy Rodgers Email: jimmyr@spc.int
Mandate	"...SPC is an intergovernmental organization that provides technical and policy advice and assistance to its Pacific Island members. SPC was established as an international organization in 1947 and has 26 member countries and territories.

SPC's vision for the region is a secure and prosperous Pacific Community, whose people are educated and healthy and manage their resources in an economically, environmentally and socially sustainable way.

SPC's mission is to help Pacific Island people position themselves effectively to respond to the challenges they face and make informed decisions about their future and the future they wish to leave for the generations that follow.

SPC services are provided primarily in the form of technical assistance, training and research. These services are available in both French and English, SPC's two official languages..."

Top 5 Donors	<ul style="list-style-type: none">✓ Aus-Aid✓ ACIAR✓ Pacific Fund✓ EU✓ Global Funding✓ UNFPA✓ Global Crop Diversity Trust✓ FAO✓ Western Pacific Regional Fishery Management Council✓ Forum Fisheries Agency✓ WCPFC (Western and Central Pacific Fisheries Commission)✓ PFRP (Pelagic Fish Research Program)✓ NZAID✓ USAID✓ GEF✓ Critical Ecosystems Partnership Fund, Conservation International
---------------------	--

Research Budget	2008	2009	2010	Total
Number of Research Employees	2008	2009	2010	Average
	394	396		395
Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total
Number of Research Teams	7			

Research Teams		1 of 12 Team
Name of Team	Coastal Fisheries Programme	
Name of the Coordinator	Lindsay Chapman	
Email	LindsayC@spc.int	
Website	http://www.spc.int/Coastfish/	
Research and Development Sector	Agriculture and food supply Environment and climate	
Source of Funding	Regional organisation Multilateral Donors: EU, AusAID, ACIAR	
Name of Researcher	Expertise	
Franck Magron	Agriculture and food supply; Environment and climate	
Ian Bertram	Agriculture and food supply; Environment and climate	
Etuati Ropeti	Agriculture and food supply	
Being Yeeting	Agriculture and food supply	
Kalo Pakoa	Agriculture and food supply	
Robert Jimmy	Agriculture and food supply (aquaculture)	
Antoine Teitelbaum	Agriculture and food supply (aquaculture)	
Tim Pickering	Agriculture and food supply (aquaculture)	
Mecki Kronen	Agriculture and food supply	
Kim Friedman	Agriculture and food supply	
Silvia Pinca	Agriculture and food supply	
Emmanuel Tardy	Agriculture and food supply	

Projects			
Title of Project	The coastal component of the Pacific Regional Oceanic and Coastal Fisheries Development Programme and the Pacific Regional Coastal Fisheries Development Programme		
Start Date	March 2002	End Date	December 2009
Research organization collaborating	Institute of Research and Development	IRD	New Caledonia
Name of funding Source(s)	European Development Fund (EDF 8 and 9)		
Title of Project	Monitoring the vulnerability and adaptation of coastal fisheries to climate change		
Start Date	February 2010	End Date	October 2012
Research organization collaborating	Institute of Research and Development Local fisheries departments in the countries where sites are located.	IRD	New Caledonia Pacific
Name of funding Source(s)	AusAID through Australia's International Climate Change Adaptation Initiative (ICCAI) fund		
Title of Project	ACIAR mini-projects		
Start Date	August 2007	End Date	December 2011
Research organization collaborating	The University of the South Pacific Fisheries depart	USP	South Pac Pacific
Name of funding Source(s)	1. ACIAR/Australia Government 2. CRISP project 3. AFD 4. Fisheries departments in Cook Islands, Tonga, Solomon Islands, Vanuatu, Kiribati, FSM, and Fiji 5. SPC 6. WorldFish 7. Private sector 8. ADECAL (new Caledonia)		

Research Teams		2 of 12 Team
Name of Team	Land Resources Division	
Name of the Coordinator		

Email	
Website	http://www.spc.int/lrd/
Research and Development Sector	✓ Agriculture and food supply
Source of Funding	Regional organisation Bilateral Donors: ACIAR IGOs
Name of Researcher	Expertise
Roy Masmdu	Agriculture & Food Supply/biosecurity, SPC
Losalini Leweniquila Toganivalu	Plant Protection, Entomology & Research, Ministry of Primary Industry, Fiji

Projects			
Title of Project	Cleaner export pathways for Pacific Islands commodities		
Start Date	June 2010	End Date	December 2010
Research organization collaborating	Ministry of Primary Industries	MPI	Fiji
Name of funding Source(s)	ACIAR		

Research Teams		3 of 12 Team
Name of Team	Public Health Division	
Name of the Coordinator	Dr Janet O'Connor	
Email	JanetO@spc.int;KerriV@spc.int	
Website	http://www.spc.int/tb/	
Research and Development Sector	Biology and medicine	
Source of Funding	Bilateral Donors: AusAID Multilateral Donors: Global Fund	
Name of Researcher	Expertise	
Dr Joseph Cavanaugh	Public health	
Dr Revite Kirition	Public health	
Dr Sundari Mase	Public health	
Dr Janet O'Connor	Public health	
Dr Viliami Puloka	Public health	
Dr Kevin Cain	Public health	

Mr Andy Heetderks	Public health
Ms Gwen Hosey	Public health
Mr Greg Keeble	Public health
Dr Takeieta Kienene	Public health/ Biology and medicine
Dr Tibrawate	Public health
Ms Kerri Viney	Public health
1Dr Axel Wiegandt	Public health/ Biology and medicine

Projects			
Title of Project	Assessing the association between diabetes mellitus and tuberculosis in Kiribati		
Start Date	August 2010	End Date	August 2011
Research organization collaborating	1. SPC- TB and Healthy Pacific Lifestyle Sections 2. Centers for Disease Control and Prevention (two Divisions)	SPC CDC	New Caledonia USA
Name of funding Source(s)	1. AusAID 2. Global Fund		

Research Teams		4 of 12Team
Name of Team	Land Resources Division - Facilitating Agricultural Commodity Trade	
Name of the Coordinator	Dr. Lex Thomson	
Email	lext@spc.int	
Website	http://www.spc.int/lrd/	
Research and Development Sector	Agriculture and food supply	
Source of Funding	Multilateral Donor : EU	
Name of Researcher	Expertise	
Api Cegumalua	Food safety	
evita Kete	Value added coconut products	
Manasa K	Food safety	
Sanfred Smith	Agricultural production	
Basil Gua	Tree germplasm and tree improvement	
Lex Thomson	Agroforestry systems	
Shane Tutua	Agroforestry systems, carbon cycling	

Projects	
Title of Project	Collection, documentation, conservation and propagation of

	breadfruit cultivars in Vanuatu		
Start Date	2008	End Date	2012
Research organization collaborating	CIRAD CePACT		
Name of funding Source(s)	EU		
Title of Project	Evaluation of cyanide levels in cassava varieties in Fiji and Vanuatu		
Start Date	2008	End Date	2012
Research organization collaborating	USP FAO Lapita Cafe Vanuatu Dept of Agriculture		
Name of funding Source(s)	EU		
Title of Project	Collection and evaluation of canarium and other nut tree germplasm in Solomon Islands		
Start Date	2008	End Date	2012
Research organization collaborating	1.Solomon Islands Dept of Forestry, 2.Nut Growers Association of Solomon Islands 3.Maraghoto Holdings Ltd).		
Name of funding Source(s)	EU		
Title of Project	Evaluation of sweet potato varieties and blanching conditions for making French fries		
Start Date	2008	End Date	2012
Research organization collaborating	Balthan (Western) Ltd		
Name of funding Source(s)	EU		
Title of Project	Evaluation of balsa germplasm and silvicultural practices in PNG		
Start Date	2008	End Date	2012
Research organization collaborating	PNG Balsa Ltd		
Name of funding Source(s)	EU		
Title of Project	Investigation and development of essential oil plants in PNG		
Start Date	2008	End Date	2012
Research organization	Amruqa /Follywell No 6 Ltd		

collaborating			
Name of funding Source(s)	EU		
Title of Project	Evaluation of Virgin coconut oil properties produced by different processes		
Start Date	June 2008	End Date	June 2009
Research organization collaborating	1.Origins Pacific Ltd 2.Amruqu, Wainiyaku Estate, Kokonut Pacific Ltd, 3.Women in Business Development Inc, 4.USP 5.Fiji Ministry of Primary Industries).		
Name of funding Source(s)	EU		
Title of Project	Evaluation of banana varieties for production of value added banana products in Fiji and Samoa		
Start Date	2008	End Date	2012
Research organization collaborating	1.Agrana Fruit (Fiji) Ltd, 2.FRIEND, 3. TH Plantations).		
Name of funding Source(s)	EU		

Research Teams		5 of 12 Team
Name of Team	Human Development Programme- Socio Cultural Research on GBV in Micronesia and Melanesia	
Name of the Coordinator	Mia Rimon	
Email	miar@spc.int	
Website	http://www.spc.int/en/our-work/social/human-development/presentation.html	
Research and Development Sector	Social and economic concerns	
Source of Funding	Multilateral Donors: UNFPA, AusAID	
Name of Researcher	Expertise	
Lilian Sauni	Fisheries	
Alice Rore	Demography	
Eretia Monite	Education	

Projects			
Title of Project	Solomon Islands Family Health and Safety Study and Kiribati Family Health and Support Study		
Start Date	August 2007	End Date	August 2010
Research organization collaborating			
Name of funding Source(s)	1. UNFPA 2. AusAID		

Research Teams		6 of 12 Team
Name of Team	Land Resources Division - Genetic Resources	
Name of the Coordinator	Dr. Mary Taylor	
Email	MaryT@spc.int	
Website	http://www.spc.int/lrd/	
Research and Development Sector	Agriculture and food supply Environment and climate	
Source of Funding	Foundations Regional organisation Bilateral Donors: AusAID, Taiwan, French Pacific Multilateral Donors: SPC, FAO Others: Global Crop Diversity Trust	
Name of Researcher	Expertise	
Valerie Tuia	Agriculture and food supply	
Amit Sukal	Agriculture and food supply	
Sainimili B	Environment and climate change	
Ulamila Lutu		
Shiwangani Rao		
Tolo Iosefa	Agriculture and food supply	

Projects			
Title of Project	Studies on In Vitro Culture of Breadfruit Cultivars in the Pacific		
Start Date		End Date	
Research organization collaborating			
Name of funding Source(s)			

Research Teams		7 of 12 Team
Name of Team	Coastal Fisheries Programme- Nearshore Fisheries Development Section	
Name of the Coordinator	Steve Beverly	
Email	SteveB@spc.int	
Website	http://www.spc.int/Coastfish/	
Research and Development Sector	Agriculture and food supply	
Source of Funding	Regional organisation	
Name of Researcher	Expertise	
Daniel Curran	Researcher in bycatch in commercial fisheries	

Projects				
Title of Project	Hook standardization in Cook Islands and New Caledonia domestic longline fisheries			
Start Date	June 2009	End Date		
Research organization collaborating	1. Secretariat of the Pacific Community 2. Pacific Island Fisheries Science Center 3. Ministry of Marine Resources	SPC PIFSC MMR	New Caledonia USA Cook Islands	
Name of funding Source(s)	Forum Fisheries Agency			
Title of Project	American Samoa Longline Fishery Large Circle Hook Study			
Start Date	February 2010	End Date	December 2010	
Research organization collaborating	1. Secretariat of the Pacific Community 2. Pacific Island Fisheries Science Center	SPC PIFSC	New Caledonia USA	
Name of funding Source(s)	Western Pacific Fishery Management Council			

Research Teams		8 of 12 Team
Name of Team	Oceanic Fisheries Programmes	
Name of the Coordinator	Shelley Clarke	
Email	shelleyc@spc.int	

Website	
Research and Development Sector	Environment and Climate Change
Source of Funding	Inter-governmental organisations
Name of Researcher	Expertise
Shelley Claarke	Shark Stock Assessment

Projects			
Title of Project	Shark Stock Assessment		
Start Date	1 July 2009	End Date	30 June 2011
Research organization collaborating			
Name of funding Source(s)	WCPFC		

Research Teams		9 of 12 Team
Name of Team	Oceanic Fisheries Programme- Stock Assessment and Modelling – Analysis and Development	
Name of the Coordinator	Shelton Harley	
Email	SheltonH@spc.int	
Website	http://www.spc.int/oceanjoom/	
Research and Development Sector	Agriculture and food supply Environment and climate Information and communication technology	
Source of Funding	Federal government Regional organisation Multilateral Donors	
Name of Researcher	Expertise	
John Hampton		
Simon Hoyle		
Nick Davies		

Projects			
Title of Project	Developing stock assessment software to support WCPO stock assessments		
Start Date		End Date	

Research organization collaborating	1.Otter Research Ltd 2.Pacific Island Fisheries Science Center (PIFSC), Hawaii, USA		
Name of funding Source(s)			
Title of Project	CPUE analysis methods for WCPO stock assessments		
Start Date		End Date	
Research organization collaborating	1.National Research Institute of Far Seas Fisheries, 2.Japan, College of Marine Science, National Sun 3.Yat-sen University, 4.Kaohsiung, Taiwan, 5.Fisheries Information Department, 6.Overseas Fisheries Development Council, Taipei, Taiwan, N 7.OAA Fisheries, 8.PIFSC, Hawaii, USA		
Name of funding Source(s)			
Title of Project	Method development for WCPO stock assessments		
Start Date		End Date	
Research organization collaborating	1.Pacific Islands Fisheries Science Center (PIFSC), 2.NOAA, Honolulu, Hawaii, U.S.A		
Name of funding Source(s)			
Title of Project	Biological parameters for WCPO stock assessments: better estimation methods and their effects on assessment results		
Start Date		End Date	
Research organization collaborating	1.Pelagic Fisheries Research Program, 2.University of Hawaii, Honolulu, Hawaii		
Name of funding Source(s)			
Title of Project	Developing methods for structural sensitivity analysis in stock assessment		
Start Date		End Date	
Research organization collaborating			
Name of funding Source(s)	1.College of Marine Science, 2.National Sun Yat-sen University, Kaohsiung, Taiwan		
Title of Project	Improved effectiveness of WCPFC through better informed fishery decision makers		
Start Date	January 2010	End Date	December 2011

Research organization collaborating			
Name of funding Source(s)	1. Pelagic Fisheries Research Programme (PFRP) 2. WCPFC		

Research Teams		10 of 12 Team
Name of Team	Oceanic Fisheries Programme Ecosystem Monitoring and Analyses – Reproduction Ecosystem Monitoring and Analyses – Migration Patterns	
Name of the Coordinator	Simon Nicol	
Email	SimonN@spc.int	
Website	http://www.spc.int/oceanjoom/	
Research and Development Sector	Biology and medicine Environment and climate	
Source of Funding	National government Regional organisation Inter-Governmental Organisation Bilateral Donors: Aciar, asuaid, nzaid, fonds pacific, korea, japan, roc, usaid Multilateral Donors: EU, GEF	
Name of Researcher	Expertise	
1. Valerie Allain	Fisheries Science	
2. Bruno Leroy	Fisheries Science	
3. Karine Briand	Fisheries Science	
4. Ashley Williams	Fisheries Science	
5. Jesus Jurado Molina	Fisheries Science	
6. Larissa Fitzsimmons	Fisheries Science	
7. Caroline Sanchez	Fisheries Science	

Projects			
Title of Project	Pacific Islands Oceanic Fisheries Management Project		
Start Date	2005	End Date	
Research organization collaborating	1. Forum Fisheries Agency 2. International Union for the Conservation of Nature 3. Secretariat of the Pacific Community	FFA IUCN SPC	International International International

Name of funding Source(s)	1. GEF 2. USAID		
Title of Project	Pacific Tuna Tagging Project		
Start Date	2006	End Date	
Research organization collaborating	1. National Fisheries Authority 2. University of Hawaii 3. Secretariat of the Pacific Community	NFA PFRP SPC	PNG USA International
Name of funding Source(s)	1. Aciar 2. NZaid 3. EDF, GEF, NFA, Ponds Pacifique, ROC, Korea, PFRP		
Title of Project	Scientific Support for Oceanic Fisheries Management in the Western and Central Pacific Ocean		
Start Date	2005	End Date	
Research organization collaborating	1. Forum Fisheries Agency 2. Secretariat of the Pacific Community 3. Collecte Satellite Locale	FFA SPC CLS	International International France
Name of funding Source(s)	1. EDF		
Title of Project	Le thon germon dans la zone économique calédonienne : observer et modéliser son habitat et ses migrations pour mieux comprendre sa distribution		
Start Date	2010	End Date	
Research organization collaborating	1. Secretariat of the Pacific Community 2. Institut de recherche pour le Développement	SPC IRD	International France
Name of funding Source(s)	1. Zoneco		
Title of Project	Tuna reproduction and growth biology		
Start Date	2009	End Date	
Research organization collaborating	1. Secretariat of the Pacific Community 2. National Research Institute of Far Sea Fisheries 3. CSIRO 4. University of Hawaii 5. Inter-American Tropical Tuna Commission	SPC Far Seas Lab CSIRO PFRP IATTC	International Japan Australia America International
Name of funding Source(s)	1. Secretariat of the Pacific Community 2. National Research Institute of Far Sea Fisheries 3. CSIRO 4. University of Hawaii 5. Inter-American Tropical Tuna Commission		
Title of Project	Impacts of climate change on Pacific tuna fisheries		
Start Date	2010	End Date	

Research organization collaborating	1. Secretariat of the Pacific Community 2. Collecte Satellite Locale 3.	SPC CLS	International France
Name of funding Source(s)	1. Ausaid		

Research Teams		11 of 12 Team	
Name of Team	Land Resources Division – Plant Health		
Name of the Coordinator	Warea Orapa		
Email	WareaO@spc.int		
Website	http://www.spc.int/lrd/		
Research and Development Sector	Agriculture and food supply Environment and climate		
Source of Funding	Regional organisation Non-Governmental Organisation Bilateral Donors: Australia, NZ, US, France Multilateral Donors: EU,		
Name of Researcher	Expertise		
Tony George Gunua	Agriculture & Food Supply (Plant Pathology)		
Takaniko Ruabete	Agriculture & Food Supply (Nematology)		
Shareen Prasad	Agriculture & Food Supply (Pest Management)		
Fereti Atumurirava	Agriculture & Food Supply (Pesticide Resistance)		
Ana Tunabuna-Buli	Agriculture & Food Supply; Environment & Climate Change (Weed Management);		
Warea Orapa	Agriculture & Food Supply; Environment & Climate Change (Weeds & Other Invasive Species Management)		

Projects			
Title of Project	Integrated pest management in a sustainable production system for <i>Brassica</i> crops in Fiji and Samoa		
Start Date	July 2005	End Date	June 2011
Research organization collaborating	1. University of Queensland 2. Ministry of Primary Industry 3. Ministry of Agriculture and Forestry	UQ MPI MAF	Australia Fiji Samoa

	4. Queensland Department of Primary Industries and Fisheries	QDPPI	Australia
Name of funding Source(s)	1. Australian Centre for International Agricultural Research 2. Secretariat of the Pacific Community		
Title of Project	Biological Control of Mile-a-Minute Weed (Mikania micrantha) in Papua New Guinea		
Start Date	July 2006	End Date	June 2010
Research organization collaborating	1. Department of Primary Industries 2. Ministry of Primary Industry 3. National Agricultural Research Institute	DEEDI MPI NARI	Australia Fiji Papua New Guinea
Name of funding Source(s)	1. Australian Centre for International Agricultural Research 2. SPC 3. European Union		
Title of Project	Baseline Impact Research and Exploratory Research for the Biological control of African tulip trees in the Pacific Islands		
Start Date	January 2009	End Date	
Research organization collaborating	1. Plant Protection Research Institute 2. University of the South Pacific 3. Rhodes University	PPRI USP RU	South Africa Fiji South Africa
Name of funding Source(s)	1. SPC's EU funded Plant Protection in the Pacific Project 2. Critical Ecosystems Partnership Fund, Conservation International		

Research Teams		12 of 12 Team
Name of Team	Animal Genetic Resources Pilot Project	
Name of the Coordinator	Nichol Nonga	
Email	nicholn@spc.int	
Website	http://www.spc.int/lrd/index.php?option=com_content&view=category&layout=blog&id=2&Itemid=6	
Research and Development Sector	Agriculture and food supply Biology and medicine Environment and climate	
Source of Funding	Non-Governmental Organization	
Name of Researcher	Expertise	
Ken Cokanasiga	AHP, Agriculture, Biology and medicine	
Nichol Nonga	Project Coordinator, Agriculture,	

Merewai T	Project Technician, Biology
Andrew Tukana	AHP, Agriculture, Biology
Otenili Pifeleti	Tonga, Agriculture
Tom Misikea	Niue, Agriculture
Navitalai R	Fiji, Agriculture
Benueli Tarilongi	Vanuatu, Agriculture
Barney Keqa	Solomon Islands, Agriculture
Peter Manueli	Agriculture & Livestock

Projects			
Title of Project	Pilot Animal Genetic Resources Project		
Start Date	July 2007	End Date	July 2010
Research organization collaborating	1. Animal Health & Production 2. Livestock Division 3. Dept. Agriculture	AHP MAFF DAFF	Fiji Tonga Niue
Name of funding Source(s)	1. FAO 2. AusAid 3. SPC		

Secretariat of the Pacific Regional Environment Programme

Type of Organization Inter-governmental Organization
Address Vailima, PO Box 240, Apia Samoa
Website <http://www.sprep.org>
Representative Name David Sheppard
 DavidS@sprep.org

Mandate
Top 5 Donors

Research Budget	2008	2009	2010	Total
Number of Research Employees	2008	2009	2010	Average
	57	64	62	61
Number of Publications	2008	2009	2010	Total
Number of Thesis	2008	2009	2010	Total
Number of Research Teams	7			

Research Teams	1 of 1 Team
Name of Team	Invasive species
Name of the Coordinator	Dr Alan Tye
Email	alant@sprep.org
Website	
Research and Development Sector	Agriculture and food supply Biology and medicine Environment and climate
Source of Funding	National government Inter-governmental organisations Non-governmental organisations Bilateral Donors: NZAID, AUSAID Multilateral Donors: GEF

Name of Researcher	Expertise
1. Dr Posa Skelton	Marine invasives

Projects			
Title of Project	Aleipata Islands restoration		
Start Date	2009	End Date	2011
Research organization collaborating	1. Min Nat Res & Env 2. Dept of Conservation 3. CSIRO	MNRE DOC	Samoa NZ Australia
Name of funding Source(s)	1. Critical Ecosystem Partnership Fund		
Title of Project	Line Islands restoration		
Start Date	2010	End Date	2013
Research organization collaborating	1. Min Env Lands & Ag Devel 2. NZAID 3.	MELAD	Kiribati NZ
Name of funding Source(s)	1. Critical Ecosystem Partnership Fund		
Title of Project	GEF-PAS Invasives Project		
Start Date	2010	End Date	2015
Research organization collaborating	1. Env Ministries 2. many partners on 80 sub-projects 3.		10 participating countries
Name of funding Source(s)	1. GEF 2. Funding from 10 participating countries		

Australia and New Zealand Listing

The Australian National University (ANU)

Type of Organization	Public University
Address	Chancelry Building, #10, The Australian National University, Canberra, ACT 0200
Website	www.anu.edu.au
Representative Name	Dr Katherine Daniell
Mandate	<p>The Australian National University S&T research spans a wide range of sectors from science, engineering and medicine to law, social sciences, the arts and humanities. Much of this research, in particular from the water, energy, trade economics, security, health, environment and poverty alleviation perspectives, supplements development through projects and applied research programs. These are carried out through the Colleges of the University, such as the ANU College of Asia and the Pacific and the ANU College of Medicine, Biology and Environment. Issues of development and relevant S&T research are also discussed and published for wider dissemination through the ANU's Development Studies Network.</p>
Top 5 Donors	<ul style="list-style-type: none">✓ Australian Research Council✓ National Health and Medical Research Council✓ Commonwealth Department of Innovation, Industry, Science and Research✓ Commonwealth Department of Education, Employment and Workplace Relations✓ Commonwealth Department of Health and Ageing

Australian Defence Science and Technology Organisation (DSTO)

**Type of
Organization
Address
Website
Representative
Name
Mandate
Top 5 Donors**

Research Teams		1 of 1 Team
Name of Team	COIN and Stabilisation Studies Team - Asia-Pacific section	
Name of the Coordinator	Alison Hickman	
Email	alison.hickman@dsto.defence.gov.au	
Website		
Research and Development Sector	Social and economic concerns	
Source of Funding	Federal government	
Name of Researcher	Expertise	

CQUniversity - Institute for Resource Industries and Sustainability - CQUni - IRIS

Type of Organization	Public University and Public Institute
Address	Bruce Highway, building 70, North Rockhampton QLD 4701 Australia
Website	www.iris.cqu.edu.au
Representative Name	Dr Christelle Catuogno
Mandate	The Central Queensland region has a unique blend of challenges brought on by distance, a relatively small resident population, skill shortages, and environmental sensitivities, and opportunities provided by rich mineral and natural resources, exceptional climate, and traditional mining, agricultural, and tourism industries. By working cooperatively with government and industry to meet the challenges facing our region, IRIS contributes to the balance of economic, social, and environmental outcomes needed for a sustainable future pursuing the development of new clean businesses and industries. Policies which mandate reductions in environmental impact and greater social responsibility create both opportunities and challenges for industries, businesses and the region. IRIS research programs, projects and initiatives are closely linked to priorities identified by industry partners and through a variety of regional development planning processes at local, state, and federal levels.
Top 5 Donors	<ul style="list-style-type: none"> ✓ National Competitive Grant Agencies ✓ Public sector ✓ Industry ✓ Cooperative Research Centres

Research Teams		1 of 1 Team
Name of Team	Institute for Resource Industries and Sustainability	
Name of the Coordinator	Dr Christelle Catuogno	
Email	c.catuogno@cqu.edu.au	
Website	www.iris.cqu.edu.au	
Research and Development Sector	Agriculture and food supply Energy Environment and climate Industry and industrial technology Information and communication technology Social and economic concerns Transport and construction	

Source of Funding	Federal government National government State government Provincial government Local government Regional organisation Enterprises Associations
Name of Researcher	Expertise

Victoria Police

Type of Organization	Governmental
Address	Victoria Police Centre 637 Flinders Street Melbourne, Victoria Australia
Website	www.police.vic.gov.au
Representative Name	John Marinis
Mandate	The exploration of scientific and technological innovations that can enhance and improve policing capabilities within the state of Victoria and nationally.
Top 5 Donors	<ul style="list-style-type: none"> ✓ Victorian Government ✓ Federal Government (ARC Grants) ✓ Private Industry (re sample evaluation) ✓ Universities

Department of Employment, Economic Development and Innovation DEEDI

Type of Organization	Governmental
Address	111 George Street, Brisbane, Queensland 4000, Australia
Website	http://www.deedi.qld.gov.au/
Representative Name	Beth Woods
Mandate	The Queensland Government has undertaken a proactive policy development agenda placing research and innovation in a central role. The Government has already committed over \$AU3.6 billion in science and technology, research and development, education, innovation and commercialisation since 1998. DEEDI is the lead agency investing in and funding science and

innovation in Queensland through services and programs such as \$AU86 million through the Smart Futures Fund.

DEEDI also undertakes R&D in order to deliver economic, social and environmental outcomes for Queensland. To capitalise on Queensland's R&D opportunities, DEEDI is developing Centres of Excellence in major industries (e.g., beef, grains) where Queensland has leading scientific expertise. The Centres promote collaboration and provide world-class facilities to support high quality R&D.

Top 5 Donors

- ✓ Queensland Government
- ✓ Australian Centre for International Agricultural Research (ACIAR)
- ✓ Horticulture Australia (HAL)
- ✓ Grains Research & Development Corporation (GRDC)

AUT University

Type of Organization Public University

Address AUT City Campus Private Bag 92006, Auckland 1142, New Zealand

Website www.aut.ac.nz

Representative Name Peggy Fairbairn-Dunlop

Mandate Our organisation carries out a wide range of S&T work to support Pacific Development. This involves work in the Pacific, but also work with pacific populations based in New Zealand. AUT has a large and growing student body of Pacific origin. Individual researchers and research groups undertake research in Pacific business, tourism, governance, health, politics, media, media, gender, family and environmental issues.

Top 5 Donors

- ✓ Tertiary Education Commission
- ✓ Health Research Council
- ✓ Foundation for Research Science and Technology
- ✓ Ministry of Health

Research Teams		1 of 5 Team
Name of Team	Interdisciplinary Trauma Research Unit	
Name of the Coordinator	Prof. Jane Koziol-McLain	

Email	jkoziolm@aut.ac.nz
Website	www.trauma-research.info
Research and Development Sector	Social and economic concerns
Source of Funding	Multilateral Donor - UNFPA Pacific Sub-Regional Office
Name of Researcher	Expertise
Prof. Jane Koziol-McLain	Family 'Violence Safety and Wellbeing, Emergency healthcare, Injury prevention, Nursing Research

Research Teams		2 of 5 Team
Name of Team	Centre for Physical Activity and Nutrition	
Name of the Coordinator	Prof. Grant Schofield	
Email	Grant.schofield@aut.ac.nz ellen.forch@aut.ac.nz	
Website	www.cpan.aut.ac.nz	
Research and Development Sector	Agriculture and food supply Biology and medicine	
Source of Funding	Multilateral Donor - WHO SP	
Name of Researcher	Expertise	
Prof Grant Schofield	Health, nutrition, and physical activity, non-communicable diseases, behavioural epidemiology	
Ms Katja Siefkin	Research Assistant and Ph.D student	
Dr Nico Schulenkorf	researcher and supervisor , sport for development, social capital	

Research Teams		3 of 5 Team
Name of Team	Pacific Island Families Study Group	
Name of the Coordinator	Prof. Janis Paterson & Dr Gerhard Sundborn	
Email	Janis.Paterson@aut.ac.nz ellen.forch@aut.ac.nz	
Website	http://www.aut.ac.nz/study-at-aut/study-areas/health-sciences/research/pacific-islands-families/about-us	
Research and Development Sector	Agriculture and food supply Biology and medicine Social and economic concerns	

Source of Funding	National government Other – AUT Internal Funding
Name of Researcher	Expertise
Prof. Janis Paterson	Pacific Families Research
Dr Gerhard Sundborn	Low birth weight, paediatric health, cultural issues
Leon Iuistini	Longitudinal study, parenting
Melanie Silulu	Low birth weight, infant health , Ph.D student
Junior Tutagalavao	Project management , community liaison
Dan Tautolo	Ph. D student and research officer, data management
Fa'asila	Ph.D student
Amor Hirao	Statistician
Steve Taylor	Statistician
Wan Gzhen Gao	Statistician

Research Teams		4 of 5 Team
Name of Team	Pacific Island Families Study Group	
Name of the Coordinator	Prof. Janis Paterson & Dr Gerhard Sundborn	
Email	Janis.Paterson@aut.ac.nz or ellen.forch@aut.ac.nz	
Website	http://www.aut.ac.nz/study-at-aut/study-areas/health-sciences/research/pacific-islands-families/about-us	
Research and Development Sector	Social and economic concerns	
Source of Funding	NGO LAVAR Mental Health Other – AUT Internal Funding	
Name of Researcher	Expertise	
Prof. Janis Paterson	Pacific Families Research	
Dr Gerhard Sundborn	Low birth weight, paediatric health, cultural issues	
Leon Iuistini	Longitudinal study, parenting	
Melanie Silulu	Low birth weight, infant health	

Research Teams		5 of 5 Team
Name of Team	Pacific Media Centre	
Name of the	Associate Professor David Robie	

Coordinator	
Email	David.robie@aut.ac.nz or Ellen.forch@aut.ac.nz
Website	www.pmc.aut.ac.nz
Research and Development Sector	Social and economic concerns Information and communication technology Environment and climate Industry and industrial technology
Source of Funding	National government Multilateral Donor - UNESCO
Name of Researcher	Expertise
A. Prof. David Robie	All aspects of Pacific media, Director of group
Alex Perrottet	Media freedom, media law, freedom of information
Ranjit Singh from F	Newspaper and media publication, media accountability
Selwyn Manning	New media, documentary
Rukhsana Aslam	Media education, Peace journalism

University of Canterbury

Type of Organization	Public University
Address	Private Bag 4800, Christchurch 8140, New Zealand
Website	www.canterbury.ac.nz
Representative Name	Dr Yvonne Shanahan
Mandate	As stated in the University of Canterbury Charter, we aim to be a university that actively engages with Pacific peoples, that attracts, values and supports Pacific students, that provides an academic base for Pacific-oriented research and community education and that contributes in significant ways to developing future Pacific leaders. As a university, we are committed to working together with Pacific communities in a spirit of consultation and cooperation to ensure that educational aspirations are identified and met in a spirit that respects Pacific values. The University aims to develop and enhance its regional and national profile by strengthening the position of Pacific peoples within the University, by encouraging and supporting access, participation and success of Pacific students and staff, and by promoting awareness and appreciation of Pacific cultures on campus and within the wider communities. The University desires to be a Pacific-relevant university where teaching and research capacity makes a substantial contribution to Pacific development and to the achievement of a wide range of Pacific educational aspirations

Top 5 Donors	<ul style="list-style-type: none"> ✓ Erskine Bequest ✓ Macmillan Brown Bequest ✓ MacKenzie Charitable Foundation ✓ Tait Foundation
---------------------	--

Research Teams		1 of 6 Team
Name of Team	Asia Pacific Conflict Resolution Database	
Name of the Coordinator	Prof. Jacob Bercovitch	
Email	jacob.bercovitch@canterbury.ac.nz	
Website	http://www.saps.canterbury.ac.nz/pols/research/apcr.shtml#people	
Research and Development Sector	Social and economic concerns	
Source of Funding	National government	

Name of Researcher	Expertise
Professor Jacob Bercovitch	Social and Economic concerns
Associate Professor John Henderson	Social and Economic concerns
Professor Peter Wallenstein	Social and Economic concerns
Associate Professor Karl deRouen	Social and Economic concerns

Projects			
Title of Project	Internal Conflict in the Asia-Pacific Region: Evaluating Conflict Management Strategies		
Start Date	March 2004	End Date	August 2008
Research organization collaborating	1. Uppsala University 2. University of Alabama		Sweden USA
Name of funding Source(s)	Marsden Fund		
Title of Project	Building Sustainable Peace in the South-Pacific : Peace-building, Reconstruction and Governance in Internal Conflicts		
Start Date	February 2009	End Date	January 2008
Research organization collaborating	1. Australian National University 2. University of Alabama		

Research Teams		2 of 6 Team
Name of Team	Pacific Leprosy Project	
Name of the Coordinator	Dr Jane Buckingham	
Email	Jane.buckingham@canterbury.ac.nz	
Website	http://www.hums.canterbury.ac.nz/hist/people/buckingham.shtml	
Research and Development Sector	Social and economic concerns	
Source of Funding	National government	
Name of	Expertise	

Researcher	
Dr Jane Buckingham	Social and Economic concerns

Projects			
Title of Project	Community and isolation, a social and contemporary history of leprosy in the South pacific, 1890-2004		
Start Date	April 2008	End Date	March 2010
Research organization collaborating			
Name of funding Source(s)	1. Marsden 2. University of Oxford 3. Pacific Leprosy Foundation		

Research Teams		3 of 6 Team
Name of Team	EcoCARE Pacific Trust	
Name of the Coordinator	Russell Taylor	
Email	russell.taylor@canterbury.ac.nz	
Website	http://www.ecocare.org.nz	
Research and Development Sector	Biology and medicine Energy Environment and climate Information and communication technology Social and economic concerns	
Source of Funding	National government Regional organisation NGO Bilateral Donors Others: In Kind	
Name of Researcher	Expertise	
Professor Tord Kjellstrom	Epidemiology	
Professor Pat Bodger	Electrical Engineer	
Dr. Tom Cochrane	Civil Environmental Engineer	
Dr. Aisling O'Sullivan	Civil Environmental Engineer	
Associate Professor David Wareham	Civil Waste Water Engineer	

Dr Cochrane	Hamish	Forest Management
Professor Pawson	Eric	Environmental Geography
Dr Deirdre Hart		Coastal Geography
Chris Budgen		Pharmacology
Nelson Wright		Waste Plastics Management Systems
Professor Cole	Tony	Fungal Microbiology
Professor Davison	W.	Fish Physiology
Professor Greenfield	Laurie	Soil Microbiology
Professor Heinemann	J.A.	Gene Ecology and Biosecurity
Professor Phillips	L.F.	Atmospheric Chemistry
Professor Winterbourn	M.J.	Fresh Water Ecology
Assoc Prof Briskie	James	Animal Behaviour (Ornithology)
Assoc. Professor McLay	C.	Marine Invertebrate Ecology
Assoc. Prof. Taylor	Harry	Physiology
Dr. Culum Brown		Animal Behaviour
Dr Robert Ewers		Terrestrial Ecology
Dr Chris Glover		Fish Physiology/Toxicology
Dr Marie Hale		Medical Anthropolgy
Dr. Jon Harding		Terrestrial Ecology
Dr Norman Ragg	L. C.	Invertebrate Physiology
Dr. Jason Tylanakis		Freshwater Ecology
Dr.Heather L	Young-	Molecular Biology

Projects			
Title of Project	Renewable Energy To Tongan Schools		
Start Date	To be decided	End Date	To be decided
Research organization collaborating	1. University of Canterburyl		
Name of funding Source(s)	1. NZAID 2. Rotary International		

	3. Engineers without borders		
Title of Project	Tokelau Renewable Energy Project		
Start Date	To be decided	End Date	To be decided
Research organization collaborating	1. University of Canterbury		New Zealand
Name of funding Source(s)	1. Government of Tokelau 2. NZAID 3. Rotary International 4. Engineers without borders		
Title of Project	Water for Life		
Start Date	To be decided	End Date	To be decided
Research organization collaborating	1. University of Canterbury		
Name of funding Source(s)	1. Tonga Rotary, Christchurch Rotary Club and Queensland Rotary		
Title of Project	Tongan Snapper Fishery		
Start Date		End Date	
Research organization collaborating	1. University of Canterbury		
Name of funding Source(s)	1. Ministry of Agriculture and Fisheries 2. Department of Fisheries		
Title of Project	High end audio/video communications pilot		
Start Date	August 2009	End Date	August 2009
Research organization collaborating	1. University of Canterbury		
Name of funding Source(s)	1. University of Canterbury		
Title of Project	Resource Management		
Start Date	To be announced	End Date	2012
Research organization collaborating	University of Canterbury		
Name of funding Source(s)			
Title of Project	High School Science Competition		
Start Date		End Date	
Research organization collaborating	1. University of Canterbury		
Name of funding Source(s)	1. University of Canterbury 2. Ministry of Education Tonga		
Title of Project	Tuna Fisheries Project		

Start Date	To be announced	End Date	
Research organization collaborating			
Name of funding Source(s)			
Title of Project	Assessment of invasive pathogens in relation to the distribution of introduced mosquitoes: potential threats to biodiversity		
Start Date	January 2007	End Date	January 2008
Research organization collaborating	1. University of Canterbury		
Name of funding Source(s)	1. Critical Ecosystems Partnership Fund		
Title of Project	Access to Tongan Research Islands		
Start Date		End Date	
Research organization collaborating	1. University of Canterbury		
Name of funding Source(s)			
Title of Project	Development Integration Network Symposium		
Start Date	February 2011	End Date	February 2011
Research organization collaborating	1. University of Canterbury		
Name of funding Source(s)	1. University of Canterbury - NCRE		

Research Teams		4 of 6 Team
Name of Team	Macmillan Brown Centre for Pacific Studies	
Name of the Coordinator	Prof Serge Tcherkezoff	
Email	macmillanbrowndirector@canterbury.ac.nz	
Website	http://www.pacs.canterbury.ac.nz/	
Research and Development Sector	Social and economic concerns	
Source of Funding	National government Foundations	
Name of Researcher	Expertise	
Dr David Gegeo	Culture and hertiage	
Tanya Muagututi'a	Culture and hertiage	
Dr Raeburn Lange	Culture and hertiage	

Dr Patricia Te Arapo Wallace	Culture and hertiage
Prof. David McIntyre	Culture and hertiage
Prof. Bill Willmott	Culture and hertiage
Dr Bruce Harding	Culture and hertiage
Dr. John Schischka	Social and Economic concerns
Paul Roughan	Social and Economic concerns

Projects			
Title of Project	Creative New Zealand/Macmillan Brown Pacific Artists in Residence programme 2010		
Start Date	January 2010	End Date	December 2010
Research organization collaborating			
Name of funding Source(s)	Creative New Zealand		
Title of Project	Creative New Zealand/Macmillan Brown Pacific Artists in Residence programme 2009		
Start Date	January 2009	End Date	December 2009
Research organization collaborating			
Name of funding Source(s)	1.Creative NZ 2. Macmillan Brown		
Title of Project	Creative New Zealand/Macmillan Brown Pacific Artists in Residence programme 2008		
Start Date	January 2008	End Date	December 2008
Research organization collaborating			
Name of funding Source(s)	1.Creative NZ 2. Macmillan Brown		
Title of Project	Government healthcare spending and women's health outcomes: The case of Pacific Island Melanesian Countries		
Start Date	2008	End Date	2010
Research organization collaborating	1. University of Canterbury 2. University of South Pacific		
Name of funding Source(s)	1. NZAID		

Research Teams		5 of 6 Team
Name of Team	MacMillan Brown Library	
Name of the Coordinator	Jill Durney	
Email	macbrown@ libr.canterbury.ac.nz	
Website	http://library.canterbury.ac.nz/mb/	
Research and Development Sector	Social and economic concerns	
Source of Funding	National government Foundations	
Name of Researcher	Expertise	
Baxendell, Lydia	Art Collections Curator	
Cottrell, Deirdre	Library Assistant	
Durney, Jill	Macmillan Brown Library Manager	
Foley, Bridgit	Library Assistant	
Fudge, George	Assistant Archivist	
Jousserand-Shirley, Anais	Library Assistant	
Julian, Susan	Library Assistant	
Kimber, Erin	Information Librarian	
Owens, Jenny	Macmillan Brown Assistant Librarian	
Palmer, Jeff	Archivist	
Pope, Catherine	Library Assistant	
Paul, Nekeurangi	Maori Resources Librarian	
Parsons, Gwen	Library Assistant	

Research Teams		6 of 6 Team
Name of Team	National Centre for Research on Europe	
Name of the Coordinator	Prof Martin Holland	
Email	ncre@canterbury.ac.nz	
Website	http://www.europe.canterbury.ac.nz	
Research and Development Sector	Social and economic concerns	
Source of Funding	National government	
Name of Researcher	Expertise	
Dr Natalia Chaban	Social and economic concerns	
Dr Milenko Petrovic	Social and economic concerns	

Dr Malakai Koloamatangi	Social and economic concerns
Ms Annick Masselot	Social and economic concerns
Dr Serena Kelly	Social and economic concerns
Dr Katharine Vadura	Social and economic concerns
Dr Mathew Doidge	Social and economic concerns
Roger Henderson	Social and economic concerns
Dr Barrie Wharton	Social and economic concerns
Prof Allan Williams	Social and economic concerns

Projects			
Title of Project	EU Pacific Policy III		
Start Date		End Date	
Research organization collaborating			
Name of funding Source(s)	EU		
Title of Project	European Union pacific policy II		
Start Date		End Date	
Research organization collaborating			
Name of funding Source(s)	EU		

University of Otago

Type of Organization	Non-Public University
Address	PO Box 56, Dunedin 9054, New Zealand
Website	www.otago.ac.nz
Representative Name	Dr Brian Young
Mandate	“A wide variety of research projects which impact development in the Pacific are being undertaken at the University of Otago. The preponderance of these focus on health, but also include a range of other areas such as climate change,

sustainability, poverty reduction and post-conflict peace building. The University provides support for the researchers and for at least some of the research work through internal funds

Top 5 Donors

- ✓ HRC
- ✓ Ministry of Health
- ✓ Marsden
- ✓ FRST

Research Teams		1 of 1 Team
Name of Team	aholt@infoscience.otago.ac.nz	
Name of the Coordinator	http://www.hein.otago.ac.nz/	
Email	aholt@infoscience.otago.ac.nz	
Website	http://www.hein.otago.ac.nz/	
Research and Development Sector	Information and communication technology Biology and medicine	
Source of Funding	Others - WHO	
Name of Researcher	Expertise	
John Gillies	Health Informatics/Medicine	
Bernie Brenner	Health Informatics/Medicine	

Projects			
Title of Project	Pacific Open Learning Health Net		
Start Date	2008	End Date	2008
Research organization collaborating	1. Palau Hospital 2. Marshall Islands Hospital 3. Federated States of Micronesia Hospital		Palau Marshall Islands Federated States of Micronesia (Palikir, Pohnpei)
Name of funding Source(s)	1. WHO		
Title of Project	WHO Masters Fellowship		
Start Date	2008	End Date	2008
Research organization collaborating	MoH Tonga		
Name of funding Source(s)	WHO		

University of Auckland

Type of Organization	Public University
Address	The University of Auckland Private Bag 92019 Auckland 1142 New Zealand
Website	www.auckland.ac.nz
Representative Name	Dr John Smart
Mandate	The University of Auckland recognises research and research-led teaching as primary responsibilities of its academic staff, and places value on fostering, publishing and disseminating research of the highest international quality.

Top 5 Donors

Research Teams		1 of 4 Team
Name of Team	Te Pare: Indigenous architecture research initiative	
Name of the Coordinator	Dr Deidre Brown & Mr Bill McKay	
Email	Ds.brown@auckland.ac.nz ; b.mckay@auckland.ac.nz	
Website		
Research and Development Sector	Industry and industrial technology ment and climate Transport and construction	
Source of Funding		
Name of Researcher	Expertise	
Mr Rewi Thompson,		
Mr Jeremy Treadwell		

Research Teams		2 of 4 Team
Name of Team	Helena Cooper Thomas	
Name of the Coordinator	Helena Cooper Thomas	
Email	h.cooper-thomas@auckland.ac.nz	
Website	www.psych.auckland.ac.nz/people/Helena/Helena.htm	
Research and Development Sector	Social and Economic concerns	
Source of Funding	National government	
Name of Researcher	Expertise	
Catherine Poutasi	Health issues and healthcare delivery for Pasifika in NZ	

Projects				
Title of Project	Optimizing the new employee adjustment of Pasifika healthcare workers			
Start Date	December 2010	End Date	October 2011	
Research organization collaborating	1. Counties Manukau District Health Board	CMDHB	New Zealand	
Name of funding Source(s)				

Research Teams		3 of 4 Team
Name of Team	Auckland Bone and Joint Research in Department of Medicine	
Name of the Coordinator	Prof Jill Cornish	
Email	cornish@auckland.ac.nz	
Website		
Research and Development Sector	Biology and medicine	
Source of Funding		
Name of Researcher	Expertise	

Projects			
Title of Project	Genetic Skeletal Differences between Samoan and European Populations		
Start Date		End Date	
Research organization			

collaborating			
Name of funding Source(s)			

Research Teams		4 of 4 Team	
Name of Team	Dr N. Rowe and Dr R. Buck		
Name of the Coordinator	Dr R. Buck		
Email	r.buck@auckland.ac.nz		
Website			
Research and Development Sector	Social and economic concerns		
Source of Funding			
Name of Researcher	Expertise		
Dr Nicholas Rowe	Dance, Cultural hegemony		

Projects			
Title of Project	Our Dance Stories		
Start Date	1 st January 2010	End Date	31 st December 2012
Research organization collaborating	1. University of Auckland	U of A	NZ
Name of funding Source(s)	1. University of Auckland		

Ministerial Listing

Type of Organization Ministry of Natural Resources and Environment - Samoa
Address Level 3 DBS Building Apia
Website www.mnre.gov.ws
Representative Name Taulealeausumai Laavasa Malua - CEO
Top 5 Collaborations

- ✓ UNDP
- ✓ SPREP
- ✓ World bank
- ✓ NOAA
- ✓ IUCN

Type of Organization Ministry of Primary Industries - Fiji
Address P.O.Box 77 Nausori Fiji
Website -
Representative Name Director General
Top 5 Collaborations

- ✓ ACIAR
- ✓ CSIRO
- ✓ SPC

Type of Organization **High Commission of the Republic in French Polynesia**
Address BP1159873 Papeete
Website www.polunesie-francaise.pref,gouv.fr
Representative Name Pierre Mery

Type of Organization Ministry of Higher Education, Research, Science & Technology
Address Papua New Guinea
P O Box 5117
BOROKO, National Capital District

Website www.ohe.gov.pg

Representative Lisa Gloria Larry

Name

Top 5 Collaborations

Korean Institute of Science and Technology & Evaluation and Planning

Type of Ministry of Health – Cook Islands

Organization

Address Takuvaine

Website www.health.gov.ck

Representative Tevita – Policy Advisor

Name

Type of Ministry of Mines, Energy and Rural Electrification – Solomon
Organization Islands

Address P O Box G34 Honiara Solomon Islands

Website www.ohe.gov.pg

Representative

Name

Top 5 Collaborations

Type of Ministry of Agriculture, Food, Forests & Fisheries - Tonga

Organization

Address MAFFF, Vuna Rd, Nuku'alofa, Tonga

Website

Representative Viliami Toalei Manu – Deputy Director

Name

SPC

ACIAR

FAO

Annex 2

PACE-Net Questionnaire on Science and Technology Research, Cooperation and Strategies of Organisations in the Pacific involved in Research

Information on your organisation (to be filled by the head of administration of the organisation e.g. the Director and/or the Finance Manager)

a. General information on your organisation

Organisation Title:			
Acronym:			
Type of organisation:	<input type="checkbox"/> Public <input type="checkbox"/> University <input type="checkbox"/> Institute <input type="checkbox"/> Facilities/Stations <input type="checkbox"/> Governmental (e.g. Ministries or Departments) <input type="checkbox"/> IGO ²³ <input type="checkbox"/> Other (specify):	<input type="checkbox"/> Non-public <input type="checkbox"/> University <input type="checkbox"/> Institute <input type="checkbox"/> Foundation <input type="checkbox"/> Enterprise <input type="checkbox"/> SME ²⁴ <input type="checkbox"/> Association <input type="checkbox"/> NGO ²⁵ <input type="checkbox"/> Other (specify):	
Address:			
Country/Territory:			
Tel. No.:	()		
Fax No.:	()		
Email (include more than one if necessary):			
Website:			
Total budget of organisation for years (specify currency):	2008	2009	2010
Total number of students for years	2008	2009	2010
Total number of employees for years	2008	2009	2010
Number of research teams (if applicable):			

b. Information on the representative of your organisation

Name:	
Position (job title):	
Tel. No. (if different from above):	()
Fax No. (if different from above):	()
Email (include more than one if necessary):	

c. Person to contact in case of further inquiries (if different from above)

Name:	
Position (job title):	
Tel. No. (if different from above):	()
Fax No. (if different from above):	()

²³ Inter-governmental organisation

²⁴ Small and medium enterprises

²⁵ Non-governmental organisation

Email (*include more than one if necessary*):

d. Provide a brief description of the role that has been, or is being carried out by your organisation in relation to S&T research for development.

e. Please state 5 main S&T research donors and beneficiaries of your organisation

Name of your 5 major donors	Name of your 5 major beneficiaries
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.

f. Statistical data of your organisation per research and development (R&D) sector for the years 2008, 2009 and 2010

R&D sectors ²⁶ per year	Budget for research projects (specify currency)			No. of contractual researchers			No. of students involved in S&T research ²⁷			No. of employees in research (e.g. technician, engineers, ...)			No. of thesis ²⁸			No. of peer reviewed research publications		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Agriculture and food supply:																		
Biology and medicine:																		
Energy:																		
Environment and climate:																		
Industry and industrial technology:																		
Information and communication technology																		
Social and economic concerns:																		
Transport and construction:																		
Other R&D sectors (specify):																		

²⁶ The R&D sectors have been determined as according to the themes identified by the European Commission for the Framework Programme. The thematic breakdown of each of these sectors is provided in the glossary.

²⁷ Masters and PhD students

²⁸ Masters and PhD thesis

PACE-Net Questionnaire on Science and Technology Research, Cooperation and Strategies of Organisations in the Pacific involved in Research (Part 2)

Information on your organisation's key researchers and research teams (*to be filled by the organisation's researchers e.g. research team leaders*)

a. Preliminary information on research teams and team coordinator of your organisation

Name of the research team:	
Acronym:	
Name of the team coordinator:	
Name of organisation:	
Address:	
Country/Territory:	
Tel. No.:	()
Fax No.:	()
Email (<i>include more than one if necessary</i>):	
Website (<i>if any</i>):	

b. Overall description of all your research team's activities

R&D sector ²⁹ (select multiple fields where applicable):	<input type="checkbox"/> Agriculture and food supply <input type="checkbox"/> Biology and medicine <input type="checkbox"/> Energy <input type="checkbox"/> Environment and climate <input type="checkbox"/> Industry and industrial technology	<input type="checkbox"/> Information and communication technology <input type="checkbox"/> Social and economic concerns <input type="checkbox"/> Transport and construction <input type="checkbox"/> Other R&D sectors (specify):
Team's source of funding (select multiple fields where applicable):	<input type="checkbox"/> Federal government <input type="checkbox"/> National government <input type="checkbox"/> State government <input type="checkbox"/> Provincial government <input type="checkbox"/> Local government <input type="checkbox"/> Regional organisation <input type="checkbox"/> Enterprises <input type="checkbox"/> Associations <input type="checkbox"/> Foundations	<input type="checkbox"/> IGOs ³⁰ <input type="checkbox"/> NGOs ³¹ <input type="checkbox"/> Bilateral Donors (specify) ³² : <input type="checkbox"/> Multilateral Donors (specify) ³³ : <input type="checkbox"/> Others (specify):
Collaboration with other research organisation	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Type of collaboration of the team (include more than one if necessary):	<input type="checkbox"/> Local ³⁴ <input type="checkbox"/> National ³⁵	<input type="checkbox"/> Intra-regional ³⁶ <input type="checkbox"/> International <input type="checkbox"/> Interdisciplinary

²⁹ The R&D sectors have been determined according to the themes identified by the European Commission for the Framework Programme. The thematic breakdown of each of these sectors is provided in the glossary.

³⁰ Inter-governmental organisations

³¹ Non-governmental organisations

³² , e.g. Australia (including AUSAID), New Zealand (including NZAID), United States (including USAID), Japan, China,....

³³ , e.g. EU, UN agencies, ADB, SPC, ...

³⁴ e.g. between organisations within the country/territory

³⁵ e.g. between organisation based in New Caledonia or French Polynesia and France

³⁶ e.g. between organisations based in the Pacific

c. Information about your team's other key researchers (*please expand the table in the space below to all include all your research team's key researchers*)

Name:	Field of expertise (<i>as per the R&D sector above mentioned in the question b</i>):
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

d. Please provide information about the funding partner(s), including both bilateral and multilateral agencies, with which your research team is cooperating regarding the funding of your S&T research projects and **indicate the main reasons for cooperation** by ticking the appropriate box

Reasons for cooperation:	Provide the name(s) of the donors that fund your research projects below (e.g. AUSAID, NZAID, EU, SPC, ...):								
	1.	2.	3.	4.	5.	6.	7.	8.	9.
Access to new S&T knowledge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
International exchange of students	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
International exchange of research personnel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increase in your research capabilities (e.g. training of own researchers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to research infrastructures of partners	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
To get funding for your research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
To explore further for funding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increase in co-patenting activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increase in scientific publications	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increase the reputation of your organisation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Enlarge network for further research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diffusion of best practices (e.g. technique, knowledge)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increased knowledge of bilateral and multilateral cooperation instruments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other objectives (please state):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

e. Familiarity and your experience with FP 7 programme

Do you know the FP 7 for research and technological development?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Have you or your organisation already participated in the FP 7 for research and technological development? (<i>Answer only if you have answered "yes" to the question above</i>)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Please indicate how you were involved in the proposal? (<i>Answer only if you have answered "yes" to the question above</i>)	<input type="checkbox"/> Previous contacts with EU researchers <input type="checkbox"/> Participation in an international network <input type="checkbox"/> Direct contact with the coordinator <input type="checkbox"/> Others (<i>specify</i>):
Was the proposal successful? (<i>Answer only if you have answered "yes" to the question above</i>)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Please identify the difficulties you faced in being involved in the FP 7 for research and technological development. (<i>Answer only if you have answered "yes" to the first question</i>)	<p>General difficulties</p> <input type="checkbox"/> Poor information on FP 7 <input type="checkbox"/> Poor knowledge on rules to receive funding <input type="checkbox"/> Difficulties in finding information <input type="checkbox"/> Poor knowledge of English language <input type="checkbox"/> Others (<i>specify</i>):
	<p>Legal difficulties</p> <input type="checkbox"/> Poor knowledge on submission rules <input type="checkbox"/> Difficulties in having the <i>Participant Identification Code</i> <input type="checkbox"/> Others (<i>specify</i>):
	<p>Scientific difficulties</p> <input type="checkbox"/> No contacts with EU research institutions <input type="checkbox"/> Difficulties in writing research projects <input type="checkbox"/> Others (<i>specify</i>):

f. Based on your experience with S&T research, what changes for the better would you recommend donors such as the EU consider in order that donors improve cooperation when supporting S&T research for development projects?

g. Description of major S&T research project(s) undertaken by your research team in the years 2008 to 2010 including completed projects, and projects currently being undertaken or will be initiated before the end of the year 2010 (*please provide one project per table and please copy the table in the space below to include all your team's relevant projects*)

Title of the project:			
Project acronym:			
Name of the project leader:			
Tel. No. (if different from the team coordinator):	()		
Fax No. (if different from the team coordinator):	()		
Email (include more than one if necessary):			
Website (if any):			
R&D sector of the project (select multiple fields where applicable):	<input type="checkbox"/> Agriculture and food supply <input type="checkbox"/> Biology and medicine <input type="checkbox"/> Energy <input type="checkbox"/> Environment and climate <input type="checkbox"/> Industry and industrial technology	<input type="checkbox"/> Information and communication technology <input type="checkbox"/> Social and economic concerns <input type="checkbox"/> Transport and construction <input type="checkbox"/> Other R&D sectors (specify):	
Starting date (MM/YYYY):			
Ending date (MM/YYYY):			
Detail on all research organisation(s) collaborating on the project	Name:	Acronym:	Country:
	1.		
	2.		
	3.		
Name of all funding source(s) of the project:	1.		
	2.		
	3.		
Type of funding for the project:	<input type="checkbox"/> Federal government <input type="checkbox"/> National government <input type="checkbox"/> State government <input type="checkbox"/> Provincial government <input type="checkbox"/> Local government <input type="checkbox"/> Regional organisation <input type="checkbox"/> Enterprises <input type="checkbox"/> Associations <input type="checkbox"/> Foundations	<input type="checkbox"/> IGOs ³⁷ <input type="checkbox"/> NGOs ³⁸ <input type="checkbox"/> Bilateral Donors (specify) ³⁹ : <input type="checkbox"/> Multilateral Donors (specify) ⁴⁰ : <input type="checkbox"/> Others (specify):	
Amount allocated for the entire duration of the project (specify currency):			
Resume of project (including background, objectives, results, problems faced and lesson learned):			
Relevant scientific articles (title, author, year, journal, volume and pages):			
Any further comments (e.g. new R&D sectors that you have added):			

³⁷ Inter-governmental organisations

³⁸ Non-governmental organisations

³⁹ , e.g. Australia (including AUSAID), New Zealand (including NZAID), United States (including USAID), Japan, China,....

⁴⁰ , e.g. EU, UN agencies, ADB, SPC, ...

Annex 3

PACE-Net Questionnaire on Science and Technology Research, Cooperation and Strategies of Australian and New Zealand Organisations involved in Research in the Pacific region

Information on your organisation (to be filled by the head of administration of the organisation e.g. the Director and/or the Finance Manager)

g. General information on your organisation

Organisation Title:			
Acronym:			
Type of organisation:	<input type="checkbox"/> Public <input type="checkbox"/> University <input type="checkbox"/> Institute <input type="checkbox"/> Facilities/Stations <input type="checkbox"/> Governmental (e.g. Ministries or Departments) <input type="checkbox"/> IGO ⁴¹ <input type="checkbox"/> Other (specify):	<input type="checkbox"/> Non-public <input type="checkbox"/> University <input type="checkbox"/> Institute <input type="checkbox"/> Foundation <input type="checkbox"/> Enterprise <input type="checkbox"/> SME ⁴² <input type="checkbox"/> Association <input type="checkbox"/> NGO ⁴³ <input type="checkbox"/> Other (specify):	
Address:			
Country/Territory:			
Tel. No.:	()		
Fax No.:	()		
Email (include more than one if necessary):			
Website:			
Total budget of organisation for years (specify currency):	2008	2009	2010
Total number of students for years	2008	2009	2010
Total number of employees for years	2008	2009	2010
Number of research teams (if applicable):			

h. Information on the representative of your organisation

Name:	
Position (job title):	
Tel. No. (if different from above):	()
Fax No. (if different from above):	()
Email (include more than one if necessary):	

i. Person to contact in case of further inquiries (if different from above)

Name:	
-------	--

⁴¹ Inter-governmental organisation

⁴² Small and medium enterprises

⁴³ Non-governmental organisation

Position (<i>job title</i>):	
Tel. No. (<i>if different from above</i>):	()
Fax No. (<i>if different from above</i>):	()
Email (<i>include more than one if necessary</i>):	

j. Provide a brief description of the role that has been, or is being carried out by your organisation in relation to S&T research for development.

k. Please state 5 main S&T research donors and beneficiaries of your organisation

Name of your 5 major donors	Name of your 5 major beneficiaries
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.

PACE-Net Questionnaire on Science and Technology Research, Cooperation and Strategies of Australian and New Zealand Organisations involved in Research in the Pacific region (Part 2)

Information on your organisation's key researchers and research teams involved in S&T research in the Pacific region (*to be filled by the organisation's researchers e.g. research team leaders*)

h. Preliminary information on research team and team coordinator involved with S&T research in the Pacific region

Name of the research team:	
Acronym:	
Name of the team coordinator:	
Name of organisation:	
Address:	
Country/Territory:	
Tel. No.:	()
Fax No.:	()
Email (<i>include more than one if necessary</i>):	
Website (<i>if any</i>):	

i. Data on your research team concerning S&T research activities supported during for the years 2008, 2009 and 2010 in the Pacific

R&D sectors ⁴⁴ per year	Budget for research projects (specify currency)			No. of contractual researchers			No. of students involved in S&T research ⁴⁵			No. of employees in research (e.g. technician, engineers, ...)			No. of thesis ⁴⁶			No. of peer reviewed research publications		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Agriculture and food supply:																		
Biology and medicine:																		
Energy:																		
Environment and climate:																		
Industry and industrial technology:																		
Information and communication technology																		
Social and economic concerns:																		
Transport and construction:																		
Other R&D sectors (specify):																		

⁴⁴ The R&D sectors have been determined as according to the themes identified by the European Commission for the Framework Programme. The thematic breakdown of each of these sectors is provided in the glossary.

⁴⁵ Masters and PhD students

⁴⁶ Masters and PhD thesis

j. Overall description of all your research team's Pacific regional activities

R&D sector ⁴⁷ (select multiple fields where applicable):	<input type="checkbox"/> Agriculture and food supply <input type="checkbox"/> Biology and medicine <input type="checkbox"/> Energy <input type="checkbox"/> Environment and climate <input type="checkbox"/> Industry and industrial technology	<input type="checkbox"/> Information and communication technology <input type="checkbox"/> Social and economic concerns <input type="checkbox"/> Transport and construction <input type="checkbox"/> Other R&D sectors (specify):
Team's source of funding (select multiple fields where applicable):	<input type="checkbox"/> Federal government <input type="checkbox"/> National government <input type="checkbox"/> State government <input type="checkbox"/> Provincial government <input type="checkbox"/> Local government <input type="checkbox"/> Regional organisation <input type="checkbox"/> Enterprises <input type="checkbox"/> Associations <input type="checkbox"/> Foundations	<input type="checkbox"/> IGOs ⁴⁸ <input type="checkbox"/> NGOs ⁴⁹ <input type="checkbox"/> Bilateral Donors (specify) ⁵⁰ : <input type="checkbox"/> Multilateral Donors (specify) ⁵¹ : <input type="checkbox"/> Others (specify):
Collaboration with other research organisation	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Type of collaboration undertaken by the team (answer only if "yes" to above question and include more than one if necessary):	<input type="checkbox"/> Local ⁵² <input type="checkbox"/> National ⁵³	<input type="checkbox"/> Intra-regional ⁵⁴ <input type="checkbox"/> International <input type="checkbox"/> Interdisciplinary

⁴⁷ The R&D sectors have been determined according to the themes identified by the European Commission for the Framework Programme. The thematic breakdown of each of these sectors is provided in the glossary.

⁴⁸ Inter-governmental organisations

⁴⁹ Non-governmental organisations

⁵⁰ , e.g. Australia (including AUSAID), New Zealand (including NZAID), United States (including USAID), Japan, China,....

⁵¹ , e.g. EU, UN agencies, ADB, SPC, ...

⁵² e.g. between organisations within the country/territory

⁵³ e.g. between organisation based in New Caledonia or French Polynesia and France

⁵⁴ e.g. between organisations based in the Pacific

k. Information about any other researchers in your team who are also involved with research in the Pacific *(please expand the table in the space below to include all your research team's key research members)*

Name:	Field of expertise <i>(as per the R&D sector above mentioned in the question b):</i>
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

I. Please provide information about the funding partner(s), including both bilateral and multilateral agencies, with which your research team is cooperating regarding the funding of your S&T research projects in the Pacific region and **indicate the main reasons for cooperation** by ticking the appropriate box

Reasons for cooperation:	Provide the name(s) of the donors that fund your research projects below (e.g. AUSAID, NZAID, EU, SPC, ...):								
	1.	2.	3.	4.	5.	6.	7.	8.	9.
Access to new S&T knowledge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
International exchange of students	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
International exchange of research personnel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increase in your research capabilities (e.g. training of own researchers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to research infrastructures of partners	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
To get funding for your research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
To explore further for funding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increase in co-patenting activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increase in scientific publications	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increase the reputation of your organisation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Enlarge network for further research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diffusion of best practices (e.g. technique, knowledge)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increased knowledge of bilateral and multilateral cooperation instruments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other objectives (please state):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

m. Familiarity and your experience with FP 7 programme

Do you know the FP 7 for research and technological development?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Have you or your organisation already participated in the FP 7 for research and technological development? <i>(Answer only if you have answered "yes" to the question above)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Please indicate how you were involved in the proposal? <i>(Answer only if you have answered "yes" to the question above)</i>	<input type="checkbox"/> Previous contacts with EU researchers <input type="checkbox"/> Participation in an international network <input type="checkbox"/> Direct contact with the coordinator <input type="checkbox"/> Others <i>(specify):</i>
Was the proposal successful? <i>(Answer only if you have answered "yes" to the question above)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Please identify the difficulties you faced in being involved in the FP 7 for research and technological development. <i>(Answer only if you have answered "yes" to the first question)</i>	General difficulties <input type="checkbox"/> Poor information on FP 7 <input type="checkbox"/> Poor knowledge on rules to receive funding <input type="checkbox"/> Difficulties in finding information <input type="checkbox"/> Poor knowledge of English language <input type="checkbox"/> Others <i>(specify):</i>
	Legal difficulties <input type="checkbox"/> Poor knowledge on submission rules <input type="checkbox"/> Difficulties in having the <i>Participant Identification Code</i> <input type="checkbox"/> Others <i>(specify):</i>
	Scientific difficulties <input type="checkbox"/> No contacts with EU research institutions <input type="checkbox"/> Difficulties in writing research projects <input type="checkbox"/> Others <i>(specify):</i>

n. Based on your experience with S&T research in the Pacific, what changes for the better would you recommend donors such as the EU consider in order that they improve cooperation when supporting S&T research for development projects?

- o. Description of Pacific S&T research project(s) undertaken by your research team in the years 2008 to 2010 including completed projects, and projects currently being undertaken or will be initiated before the end of the year 2010 (*please provide one project per table and please copy the table in the space below to include all your team's relevant projects*)

Title of the project:			
Project acronym:			
Name of the project leader:			
Tel. No. (if different from the team coordinator):	()		
Fax No. (if different from the team coordinator):	()		
Email (include more than one if necessary):			
Website (if any):			
R&D sector of the project (select multiple fields where applicable):	<input type="checkbox"/> Agriculture and food supply <input type="checkbox"/> Biology and medicine <input type="checkbox"/> Energy <input type="checkbox"/> Environment and climate <input type="checkbox"/> Industry and industrial technology	<input type="checkbox"/> Information and communication technology <input type="checkbox"/> Social and economic concerns <input type="checkbox"/> Transport and construction <input type="checkbox"/> Other R&D sectors (specify):	
Starting date (MM/YYYY):			
Ending date (MM/YYYY):			
Detail on all research organisation(s) collaborating on the project	Name:	Acronym:	Country:
	1.		
	2.		
	3.		
Name of all funding source(s) of the project:	1.		
	2.		
	3.		
Type of funding for the project:	<input type="checkbox"/> Federal government <input type="checkbox"/> National government <input type="checkbox"/> State government <input type="checkbox"/> Provincial government <input type="checkbox"/> Local government <input type="checkbox"/> Regional organisation <input type="checkbox"/> Enterprises <input type="checkbox"/> Associations <input type="checkbox"/> Foundations	<input type="checkbox"/> IGOs ⁵⁵ <input type="checkbox"/> NGOs ⁵⁶ <input type="checkbox"/> Bilateral Donors (specify) ⁵⁷ : <input type="checkbox"/> Multilateral Donors (specify) ⁵⁸ : <input type="checkbox"/> Others (specify):	
Amount allocated for the entire duration of the project (specify currency):			
Resume of project (including background, objectives, results, problems faced and lesson learned):			
Relevant scientific articles (title, author, year, journal, volume and pages):			
Any further comments (e.g. new R&D sectors that you have added):			

⁵⁵ Inter-governmental organisations

⁵⁶ Non-governmental organisations

⁵⁷ , e.g. Australia (including AUSAID), New Zealand (including NZAID), United States (including USAID), Japan, China,....

⁵⁸ , e.g. EU, UN agencies, ADB, SPC, ...

Annex 4

PACE-Net Questionnaire on Science and Technology Research, Cooperation and Strategies of Governmental Institutions in the Pacific

1. Please provide your contact information (please fill in the space provide):

Country:	
Name of the Ministry:	
Name of contact person:	
Position (job title):	
Address:	
Email:	
Tel. No:	
Fax No :	
Website (if available):	

2. Does your Ministry have a science and technology policy? (please tick in the appropriate box):

<input type="checkbox"/> YES (please go to questions 2.1, 2.2 and 2.3 below)	<input type="checkbox"/> NO (please go to question 2.4 and 2.5 below)
--	---

2.1. If yes, has your Ministry's science and technology policy identified Research, Science and Technology priority areas? Please indicate below what are the priority areas.

<input type="checkbox"/> Agriculture, fisheries and food supply	<input type="checkbox"/> Information and communication technology
<input type="checkbox"/> Biology and medicine (health)	<input type="checkbox"/> Social and economic concerns
<input type="checkbox"/> Energy	<input type="checkbox"/> Transport and construction
<input type="checkbox"/> Environment and climate	<input type="checkbox"/> Others (specify):
<input type="checkbox"/> Industry and industrial technology	

2.2. Is your Ministry's science & technology policy publically available?

<input type="checkbox"/> YES (please supply link):	<input type="checkbox"/> NO
--	-----------------------------

2.3. When was this policy developed and when it might be revised?

Developed:	Revised:
------------	----------

2.4. If your Ministry does not have a science and technology policy, are there key Research, Science and Technology areas of interest to your Ministry?

<input type="checkbox"/> Agriculture, fisheries and food supply	<input type="checkbox"/> Information and communication technology
<input type="checkbox"/> Biology and medicine (health)	<input type="checkbox"/> Social and economic concerns
<input type="checkbox"/> Energy	<input type="checkbox"/> Transport and construction
<input type="checkbox"/> Environment and climate	<input type="checkbox"/> Others (specify):
<input type="checkbox"/> Industry and industrial technology	

2.5. If your Ministry does not have a science and technology policy, does your Ministry wish to design one?

YES NO

3. Does your ministry fund any science & technology research activities?

YES NO

If yes, can you provide your budget for the following years (please specify the currency):

2008: 2009: 2010: 2011:

4. Does your Ministry receive funding from any external agencies to conduct its science & technology research activities?

YES NO

If yes, please supply the names of these agencies:

5. Does your Ministry have any science & technology research collaborations?

YES (please go to question 5.1) NO

5.1. If yes, please state with which organisations and countries your ministry collaborates with for research activities (5 major organisations in descending order of importance), and the type of agreement that articulates these collaborations (Joint Programmes, Memoranda of Understanding or informal links):

Organisation	Country	State type of agreement
1.		
2.		
3.		
4.		
5.		

6. Are there any existing codes of ethics for your science & technology research activities? (please tick in the appropriate box):

YES NO

If yes, can you precise which one? And can you provide a link/document to the code?

**Some key preliminary findings from PACE-Net project-conducted studies
Progress Report to PACE-Net questionnaire respondents**



What is PACE-Net?

The PACE-Net project aims to establish and sustain a network which will bring together relevant stakeholders and policy makers in science and technology research for development from within the Pacific region and from Europe.

A network is a structure or group made up of individuals or organizations that are connected by one or more common interest.

The objectives of this network are to improve regional and bi-regional collaboration and cooperation activities in science and technology research by:

- establishing and reinforcing contacts between the stakeholders from the two regions; and
- supporting dialogue fora to define for the European Commission the priority Pacific science and technology research themes and subsequently establishing a programme of cooperation for its research funding instrument, the 7th Framework Programme (FP7);

The PACE-Net project also seeks to incorporate these priority themes into the future regional and national policies and strategies of the Pacific island countries and territories.

PACE-Net is thus an online and offline network for people who are passionate about science and technology research in the Pacific.

To inform the above dialogue fora and cooperation activities with the FP7, it is necessary to appraise the situation of science

and technology research in the Pacific. As such the PACE-Net project is conducting survey and several desktop review studies.

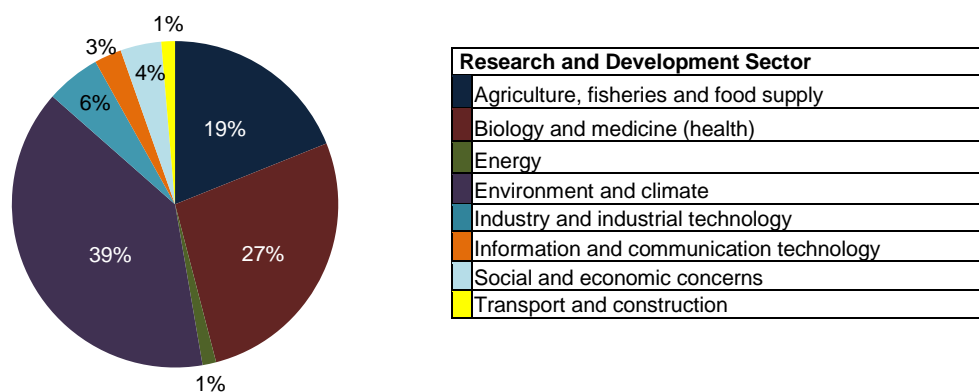
PACE-Net Survey

The PACE-Net survey comprises three questionnaires:

- PACE-Net Questionnaire on Science and Technology Research, Cooperation and Strategies of Organisations in the Pacific involved in Research (# 1);
- PACE-Net Questionnaire on Science and Technology Research, Cooperation and Strategies of Australian and New Zealand Organisations involved in Research in the Pacific region (# 2); and
- PACE-Net Questionnaire on Science and Technology Research, Cooperation and Strategies of Governmental Institutions in the Pacific (# 3)

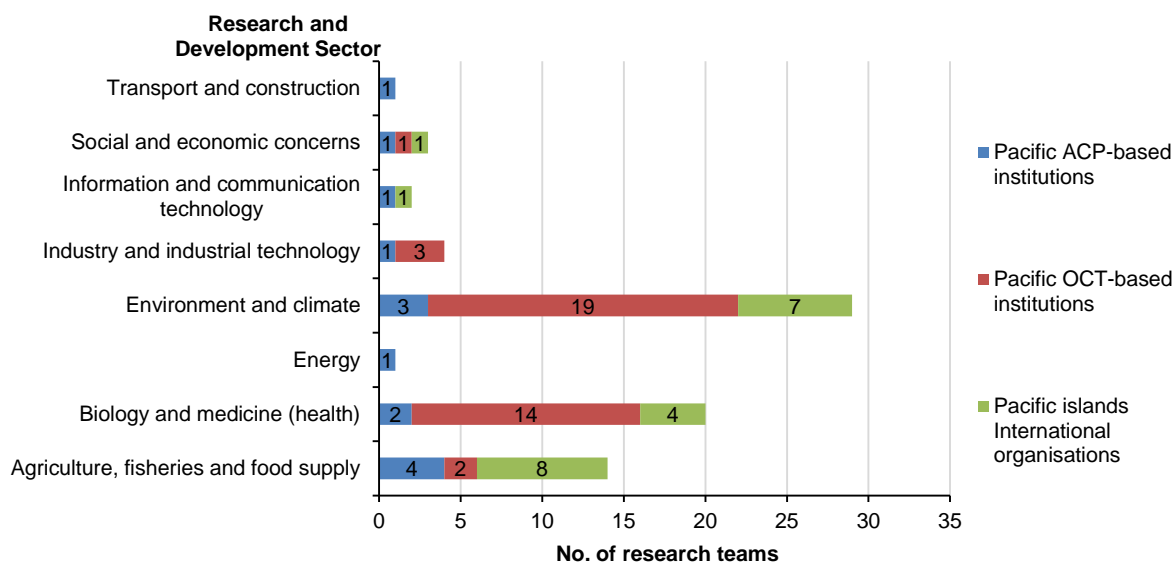
The questionnaire # 1 launched in mid-September targets the organisations involved in research activities based in the Pacific group of the Asia, Caribbean and Pacific (ACP) countries and the Overseas Countries and Territories (OCTs). In total, 85 organisations or bodies⁵⁹, including research institutes, development organization, ministries, government departments and private countries, from within the Pacific island region were contacted to participate. Twenty of these organisations have responded to the questionnaire (**23.53% response rate**).

The following figures present the key preliminary findings of the PACE-Net questionnaire # 1 on the thematic areas in which the organisations surveyed in the region support research in. It demonstrates the importance of research in the Pacific islands in science and technology sectors of **environment and climate, biology and medicine**, and **agriculture, fisheries and food supply**. It is also indicative of the research capacity in the region, though complementary data is required.



Percentage of research teams based in institutions of the Pacific island region working in different sectors of research and development (Note that these data are based only on 23.53% response rate)

⁵⁹ USP, SPC, IRD, SROS, SPREP, Dept. of Energy Samoa, SRIF, UniFiji, Bluecham, CREDO, CRNT, GOPS, IFREMER NC, IFREMER PF, ILM, IRSN, Meteo France and FP, UNC, UPF, ASCC, SOPAC, FFA, Dept of Marine and Wildlife (A Samoa), ASEPA, ASO, FBNMS, CRAG, Cook Is. - Nat. Environment Service, Min. of Agriculture, Min of Marine Resources, CMS, CIRA, CWREC, CCRC, CIRU, FNU, Douglas Pharm, FMS, Fiji Museum, Fiji - Min of Primary Industries, Min of health, Min Mineral Resources, Dept of Energy Fiji, Vatukola Gold mine, CEAARD, KMO, CMI, MMIMRA Marshal and FSM, NAC, COM, NMS, PICRC, CRRF, Palau Com Coll, Belau National Museum, SMD, NUS, Samoa Min of Agriculture, Western Province Research Station, TMS, Sopa Mariculture Center, Tuvalu.MS, VMS, CCT, CNRS, IAC, Institut d'archéologie, Musée NC, Institut Pasteur, Géophysical, ADEME, AFD, DIMENQ, Biocenose, DASS, ISEE, GI Oceanide, CRIOBE, Tetiaroa Society, gouv, IRSN, CEA-LDG Pamatai, AAMP PF, Service Equip. PF, Service Periculture PF, Service pecher PF, GUMP Moorea, tahiti fa'ahotu



Number of research teams working in different sectors of research and development based in the institutions of ACP and OCT countries and in the Pacific islands international organisations (Note that only 74 research teams have responded so far to the questionnaire)

PACE-Net Desktop Review

Concurrently to the above survey studies, a desktop review study was also undertaken. It aims to identify the **existing linkages between science and technology research and the development goals in the Pacific** to understand the region’s goals and needs and how these issues can be appropriately addressed via science and technology research.

To this end, **57 development agendas and development programmes** relevant to the Pacific island region have been analysed for mention of science and technology topics. Of bearing to this report, numerous development programmes and strategies of regional development agencies⁶⁰, regional and national academic and research institutions⁶¹, and other development programmes in the Pacific⁶² were analysed. Using the tally numeration system, science and technology topics were counted. The priority science and technology topics found to be appearing most frequently in each of these programmes and strategies were summarised in the table below.

Based on the above results, the themes that appear as top priorities (*i.e.* tallied at least 2 times) include **agriculture and forestry, environment including biodiversity and climate change, fisheries and aquaculture, culture and social and human sciences and health**. The results obtained in this study correspond to those obtained from the survey.

⁶⁰ Forum Fisheries Agency, Fiji School of Medicine, Pacific Islands Development Programme, Pacific Islands Forum Secretariat, Pacific Applied Geoscience Commission, South Pacific Board for Educational Assessment, Pacific Regional Environment Programme, Secretariat of the Pacific Community

⁶¹ University of the South Pacific, University of Papua New Guinea, Papua New Guinea National Agricultural Research Institute, Papua New Guinea Institute of Medical Research, University of New Caledonia, University of French Polynesia, Institut de Recherche pour le Développement, Institut Pasteur de Nouvelle-Calédonie, Institut Agronomique néo-Calédonien, Institut Français de Recherche pour l'Exploitation de la Mer, Institute Louis Malardé, Centre de Recherches Insulaires et Observatoire de l'Environnement, Richard B. Gump South Pacific Research Station

⁶² Coral Reef Initiatives for the Pacific Programme, Initiative Française pour les Récifs Coralliens, International Coral Reef Initiative, French Pacific Fund, Global Environment Facility, Centre National de Recherche Technologique "Nickel and its Environnement", Zone Economique de Nouvelle-Calédonie, Te mana o te moana, Grand Observatoire de l'environnement et de la biodiversité terrestre et marine du Pacifique Sud, International Climate Change Adaptation Initiative

Development programmes Science and technology topics	Development agencies	Research academic organisations	and Other development programmes
Agriculture and forestry	√	√	
Biodiversity		√	√
Climate change	√		√
Culture and social and human sciences	√	√	
Disaster management	√		
Energy	√		
Environment sustainability	√	√	√
Fisheries and aquaculture	√	√	√
Food security			
Health	√	√	
Information and communication technology	√		
Mineral resources			√
Transport			
Waste management			
Water and sanitation	√		

* Note the terms employed are taken from the original documents and can include one or several of science and technology topics listed in the table

Perspective

Though the preliminary findings of the studies conducted within the framework of the PACE-Net project clearly demonstrate the importance of research in the Pacific islands in science and technology sectors of **environment and climate, biology and medicine**, and **agriculture, fisheries and food**, these studies are not complete.

To establish an efficient network with all the relevant stakeholders and to guide its cooperation activities with European funding programmes for science and technology research in line with the needs of the region, a higher survey rate response is required.

Having a strong network is an effective way of helping you to achieve more in today's working environment.

Hence we strongly encourage all the organisations and their researchers to participate to the PACE-Net survey and to join our Key Stakeholder Panel.

Similarly, we take the opportunity to sincerely thank the organisations and researchers who have already responded to the questionnaire and joined our network. We look forward to working with you in very near future on this challenging project.

Summary

The Table presents the total number of organisations in the Pacific that were contacted to participate to the survey with Questionnaires No 1 and 2, while Table 2 compiles the names of all organisations that responded to the survey.

Questionnaire (regardless of the part completed)*	Organisations contacted for questionnaire n° 1 and 2				Total
	ACP-based	OCT-based	Regional Organisations	Based in Australia and New Zealand	
Sent	48	43	6	28	124
Received	19	19	3	9	50
% response rate per region	40.4	44	50	32	40%
Overall % response rate					

From the survey responses one can remark that majority of the inventoried research in the Pacific island region is carried out by the public sector (74%); more precisely by the public universities (23%) and research institutions (26%), followed by governmental departments and ministries (25%) (see Fig. 6). In the OCT region, the majority of organisations undertaking research activities appear to be public research institutes (60%), while in ACP countries and in Australia and New Zealand these appear to be primarily public education-provider institutes (respectively, 50% and 57%).

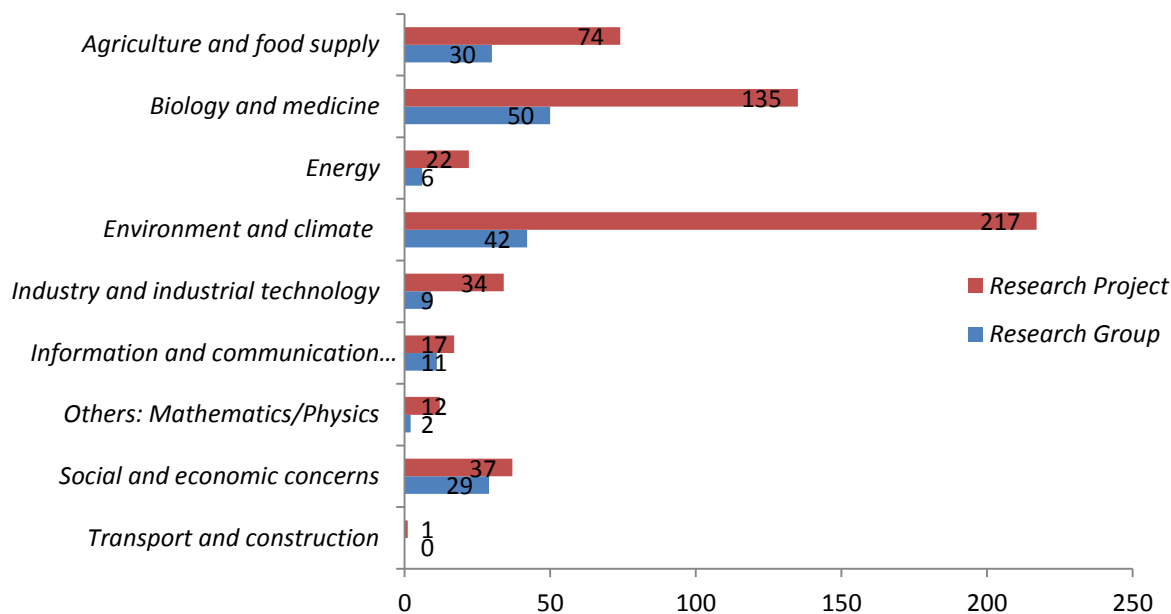


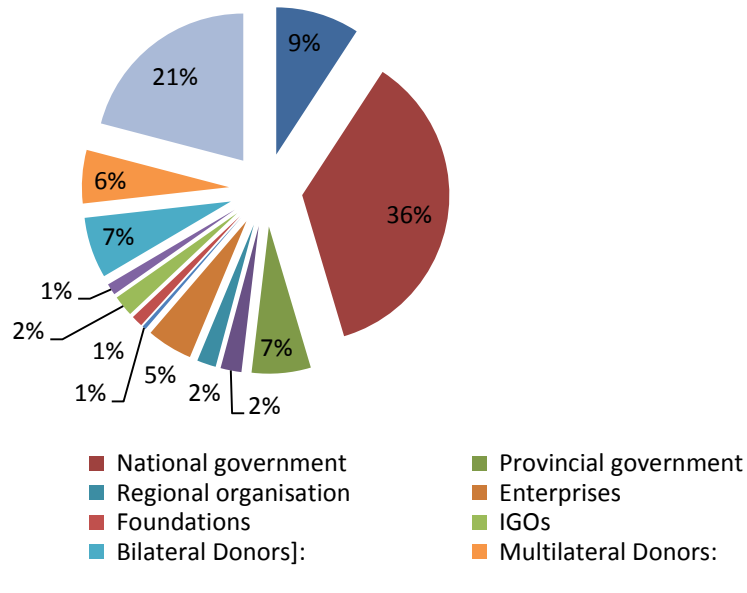
Fig 23 Comparison of Research Teams against Research Projects

If one compares the inventoried research teams with the research projects, it can be observed that some of the research teams work on many projects. Sixteen percent of the research teams work on Social and Economic Concerns, but this area has only 7% of the research projects. There is also a disparity in ICT, with 6% of the research teams and 3% of the research projects. The Environment and Climate Change area has the highest number of research teams (24%) and projects (40%). Teams which are doing a significant number of projects when compared to the number of teams are Environment and Climate Change and Industry and Industrial Technology. It can also be observed that from the survey responses to date, no Transport and Construction teams in the Pacific Islands have been recorded, and hence there are no projects on this theme. Despite having

two inventoried ICT Teams in the OCT, and one in Australia and New Zealand, there are no projects that have been registered through the survey on this theme (see Table 8 and Table 17). It should also be noted that similarly the survey did not register any Energy teams in the OCT, Australia and New Zealand. However, as some such research teams are known to exist, this highlights the challenges with obtaining information through surveys. As the PACE-Net project progresses, further data sources and alternative methods of research will be used to develop a more complete picture of Pacific-related S&T.

Respondent research teams based in:	% response rate	Number of Collaborations with Research Organizations Located in Different Regions of the World or with Regional and International Organizations:							Total collaboration per Region Surveyed
		ACP	OCT	Regional Organisations	Australia and New Zealand	Europe	Other Countries	International organizations	
ACP	38	26	1	15	21	8	19	17	107
OCT	74	7	114	6	27	92	37	1	284
Regional organisation	72	5	1	3	6	2	5	3	25
Australia and New Zealand	26	5			2		3		10
Total	57	43	116	24	56	102	64	21	410

There are an insignificant number of collaborations between the neighboring Pacific ACP countries and the OCT, even though they have similar concerns with regard to research and development. A major reason would be language issues between the two regions. The largest proportion of collaboration activities in relation to Pacific Islands research projects involve between or with the organisations in the OCT (involved in 27% of research projects via collaboration). Organisations in Europe are also as heavily involved in research projects (24%) of the Pacific Islands through partnership with various Pacific organisations. Moreover, we observe from the data collected that there are considerable partnerships on Pacific Islands research projects with organisations in various countries of Asia and in America (15%) and organisations of Australia and New Zealand (13%). The OCT heavily collaborates with the European countries, when compared to the Pacific ACP countries and Regional Organisations. Thirty-two percent of the research projects of the OCT are undertaken in partnership with European organisations.



Overall Distribution of Inventoried Source of Funding for Research Projects

The above analysis shows that research in the Pacific is funded from several sources, including institutional, private sector, civil sector, and bi-lateral and multi-lateral donors. This shows that the stakeholders from different sectors of society more or less support S&T research in the Pacific region. The pie chart illustrates that 36% of the inventoried research projects for the Pacific have government funding. It should be noted that the research projects from the ACP are mostly collated from research teams at USP and, according to the scores obtained, these projects are mainly funded by the organization itself. Hence, USP funds 21% of the overall inventoried research projects in the region. Multilateral Donors, NGOs, IGOs, Enterprises, Regional Organization, Bilateral Donors contributes to approximately 5-6% each.

Questions within Q5:	Scores per Region				Total Score
	ACP	OCT	Regional organisation	Australia & New Zealand	
Are you familiar with FP7?					
Yes	1	12	2	5	20
No	23	16	13	5	54
Total participation to Q5	24	38	15	10	74
% response rate to Q5	33	86	100	58	70

Only 20 (or 57%) declared to know or have heard about the FP7, while 43% replied that they were unaware of this funding programme. It should be noted the OCT surveyed included mostly researchers from New Caledonia and French Polynesia. These countries are French territories and are, therefore, special member state territories of the EU. It is hence not surprising that the researchers in those countries are aware of EU programmes like the FP7.