

Towards Horizon 2020 – The Framework Programme for Research and Innovation

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Policy objectives

- Europe needs **cutting edge research and innovation**
- Essential to ensure **competitiveness, growth and jobs**
- Vital to tackle pressing **societal challenges** (climate change, energy security, demographic change,...)
- **3% of GDP** invested in R&D: headline target of Europe 2020
- But: Europe's performance **lags behind** USA and JP, BRIC countries rapidly catching up

→ **Coordinated action** needed at EU level
EU Budget can make the difference!



The Green Paper

- Adopted on 9 February 2011
- Proposed the concept of the **Common Strategic Framework** to bring research and innovation closer together
- Invited **stakeholder views** on key issues related to future EU research and innovation funding
- Four blocks of **questions**:
 - Delivering on Europe 2020
 - Tackling societal challenges
 - Strengthening competitiveness
 - Strengthening the science base and the ERA
- **Overwhelming response**: more than 1300 questionnaire responses, more than 750 position papers!



Green Paper consultation outcome

- Strong support for **bringing research and innovation together** in an integrated funding programme
- **Simplification** is a key priority for all stakeholders
- All stages in the innovation chain should be supported, with **more attention for close to the market activities** (e.g. demonstration, piloting)
- **Continuity for the successful elements** of current programmes, e.g. European Research Council, Marie Curie, collaborative research
- EU funding should be tied closely to **societal challenges** and EU policy objectives (climate change, ageing, energy security,...)
- More **openness and flexibility** needed, **less prescriptive** calls, better use of **bottom-up instruments** (also in programme parts guided by clear policy objectives)



Horizon 2020 – The Framework Programme for research and innovation

Covering:

- The **7th Framework Programme (FP7)** for research, technological development and demonstration
 - €53 billion (2007-13). 4 main programmes on Ideas, Cooperation, People and Capacities.
- The **Competitiveness and Innovation Framework Programme (CIP)**
 - €3.6 billion (2007-13). 3 programmes on enterprise & innovation, intelligent energy, and ICT policy support.
- The **European Institute for Innovation and Technology (EIT)**
 - Autonomous EU body bringing together higher education, research and business to stimulate innovation in Knowledge and Innovation Communities. EU budget contribution of €309 million (2007-13)

And strengthening complementarities with the **Structural Funds**

- €86 billion allocated (2007-13) to R&D and innovation, entrepreneurship, ICT and human capital development

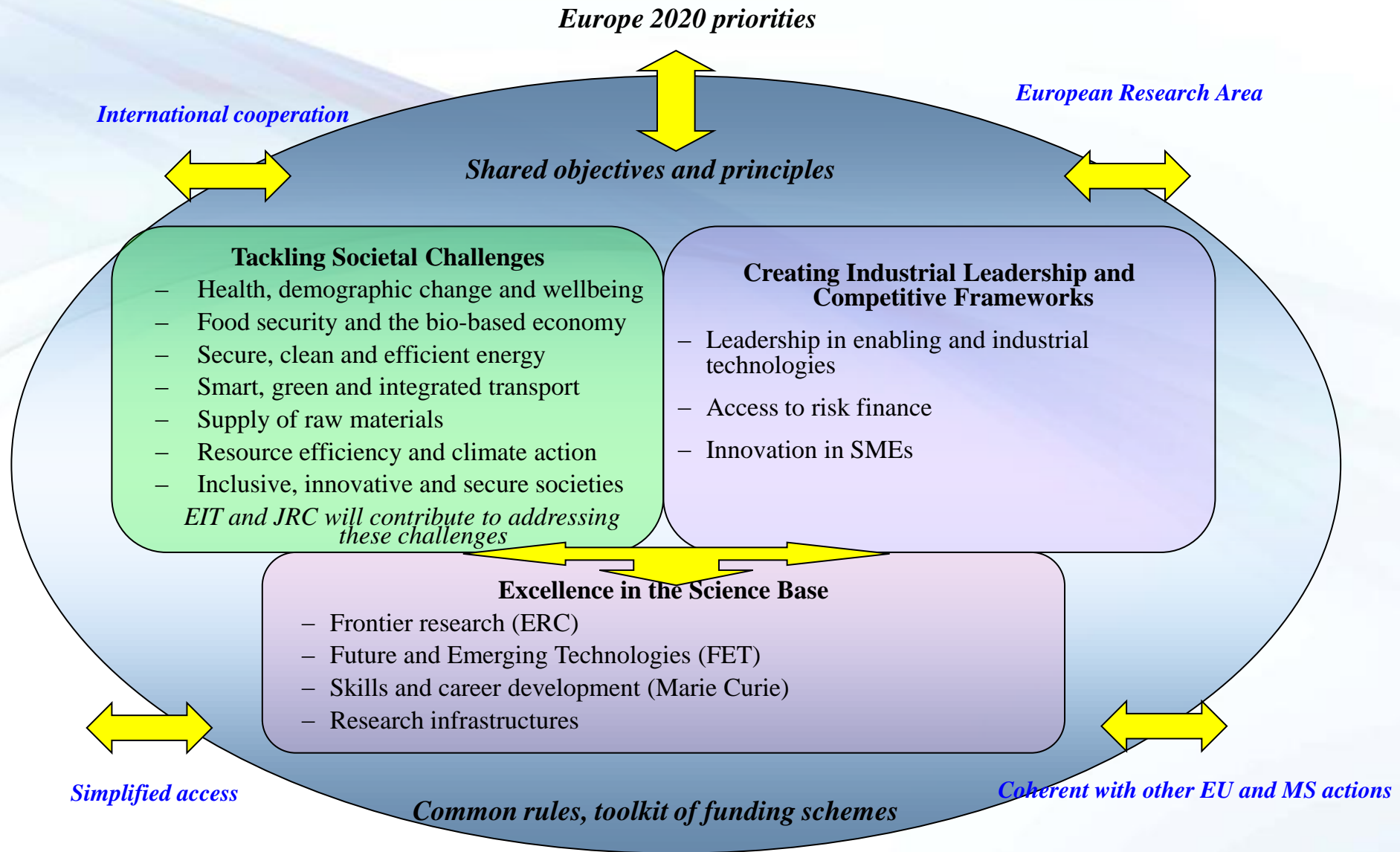


Horizon 2020 – MFF Proposal

- **MFF proposal** adopted on 29 June 2011
- **Overall amount for Horizon 2020** included (does not cover funding for ITER construction)
- Proposed amount: **EUR 80 billion** in constant 2011 prices (EUR 90 billion in current prices)
- **46% increase** compared to current period (2007-2013)
- Share of research and innovation in EU Budget increases to **8.5%** in 2020



Horizon 2020 – Objectives and structure



Horizon 2020 – Key features

- **Clear set of objectives** based on Europe 2020 and Innovation Union
- Integrating research and innovation in a **seamless programme**
- Focus on overall policy priorities – **grand challenges**
- Programme **structured by objectives**
- **Simpler funding landscape** for research and innovation with common rules and funding schemes



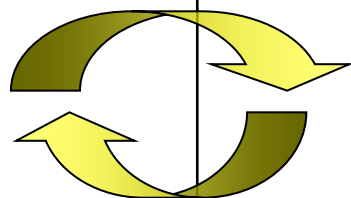
Horizon 2020 – Implementation

- **Rationalised set** of funding schemes and instruments
- **Single set of rules** for eligibility, accounting, reporting, auditing
- Radically **simplified cost-reimbursement** approach
- Broader acceptance of **usual accounting practice**, greater use of **lump sums** and **flat rates**
- **Negotiation** and **selection** phases will be **much shorter**
- **Simpler guidance, unique IT portal, one stop shop** support structures in national language
- **Single audit approach** across Horizon 2020
- **Major externalisation (up to 2/3 of total budget)**: expanded executive agencies, further use of PPPs and P2Ps, increased use of financial instruments



Horizon 2020 – Link to Cohesion policy

Horizon 2020	Cohesion Policy Framework
<i>Different objectives and intervention modes:</i>	
<ul style="list-style-type: none"> • Addressing EU level challenges, through EU level open competitions • Promoting excellence in research and innovation regardless of geographical location 	<ul style="list-style-type: none"> • Building regional capacities for R&I (facilities, infrastructures, skills, support) • Predefined envelopes for eligible regions
<i>With strong complementarities:</i>	
<p>Intelligence on EU projects Simplification and easier access</p>	<p>Smart specialisation strategies Stairway to excellence</p>



Next steps

- Thematic **informal consultation workshops**
- Commission proposals for **Horizon 2020**: before the end of 2011
- **Legislative decisions** on Horizon 2020 by the Council and European Parliament (2012-13): during 2013
- **Horizon 2020** (from 2014)



Thank you for your attention!

Find out more at:

<http://www.ec.europa.eu/research/csfri/>



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