

Towards Horizon 2020 – The Framework Programme for Research and Innovation

Find out more at:

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



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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!



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The Green Paper

- 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 (from Feb till May 2011)
- 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. demos)
- **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 policy objectives (climate change, ageing, energy security,...)
- More **openness and flexibility** needed, **less prescriptive** calls, better use of **bottom-up instruments**



Horizon 2020

Based on:

- 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 & Innovation FP (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



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Funding for Horizon 2020

The Multi-annual Financial Framework 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 – Key features

- **Clear set of objectives** based on EU 2020 / Innovation Union
- **Rationalised set** of funding schemes and instruments
- Radically **simplified cost-reimbursement** approach
- Broader acceptance of **usual accounting practice**, greater use of **lump sums** and **flat rates**
- **Negotiation** and **selection** phases to 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)**: e.g. executive agencies, further use of PPPs, financial instruments



Next steps

- 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)

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