

Green Paper

Towards a Common Strategic Framework for EU Research and Innovation Funding

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What is the Green Paper?

- **Consulting on major improvements** to future EU research and innovation funding
 - Covering the FP, CIP and EIT in a Common Strategic Framework
 - With a coherent set of funding instruments along the whole innovation chain (from basic research to market uptake)
 - And far reaching simplification of procedures and rules
- **For the next EU Budget** (to start in 2014)
- **Seeking stakeholder views** ahead of the Commission's formal proposals (to be presented by end 2011)
 - On the proposed improvements
 - On the priorities of the Common Strategic Framework

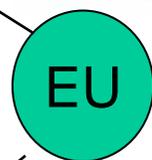
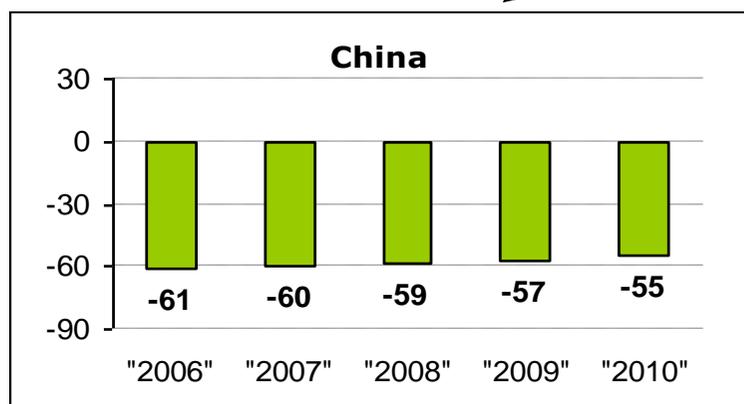
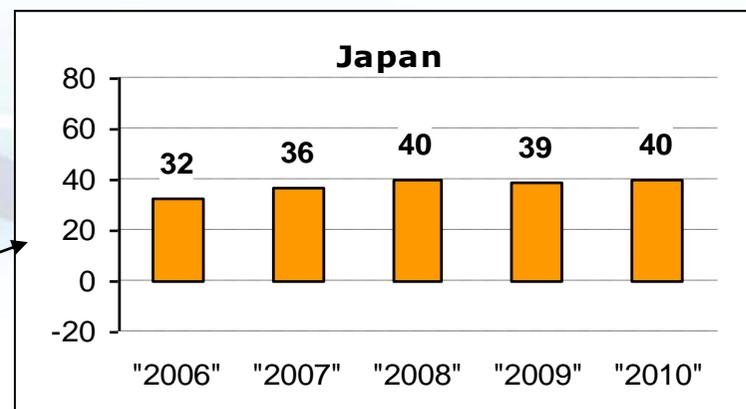
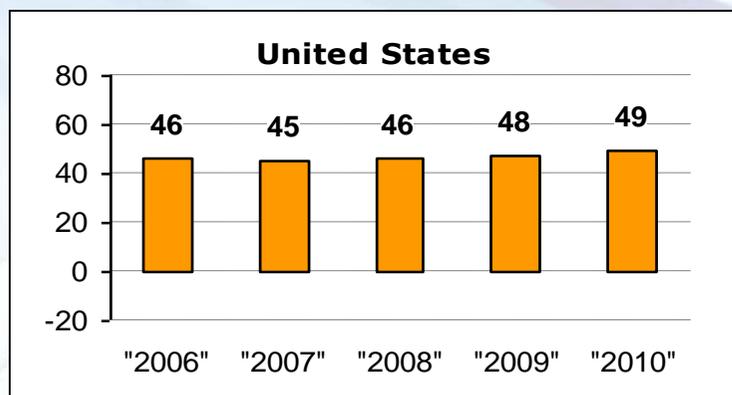


The context: Europe 2020 strategy

- Objectives of **smart, sustainable and inclusive growth**
- Headline targets, including **3% of GDP** invested in R&D
- Includes the **Innovation Union Flagship initiative**
 - A strategic and integrated approach to research and innovation
 - Putting in place the key conditions to make Europe attractive for research and innovation
 - Focus on major challenges and aiming at competitiveness and jobs
- Endorsed by February European Council (Heads of State) as key to future growth and jobs



Innovation gap with US and Japan, emerging countries catching up



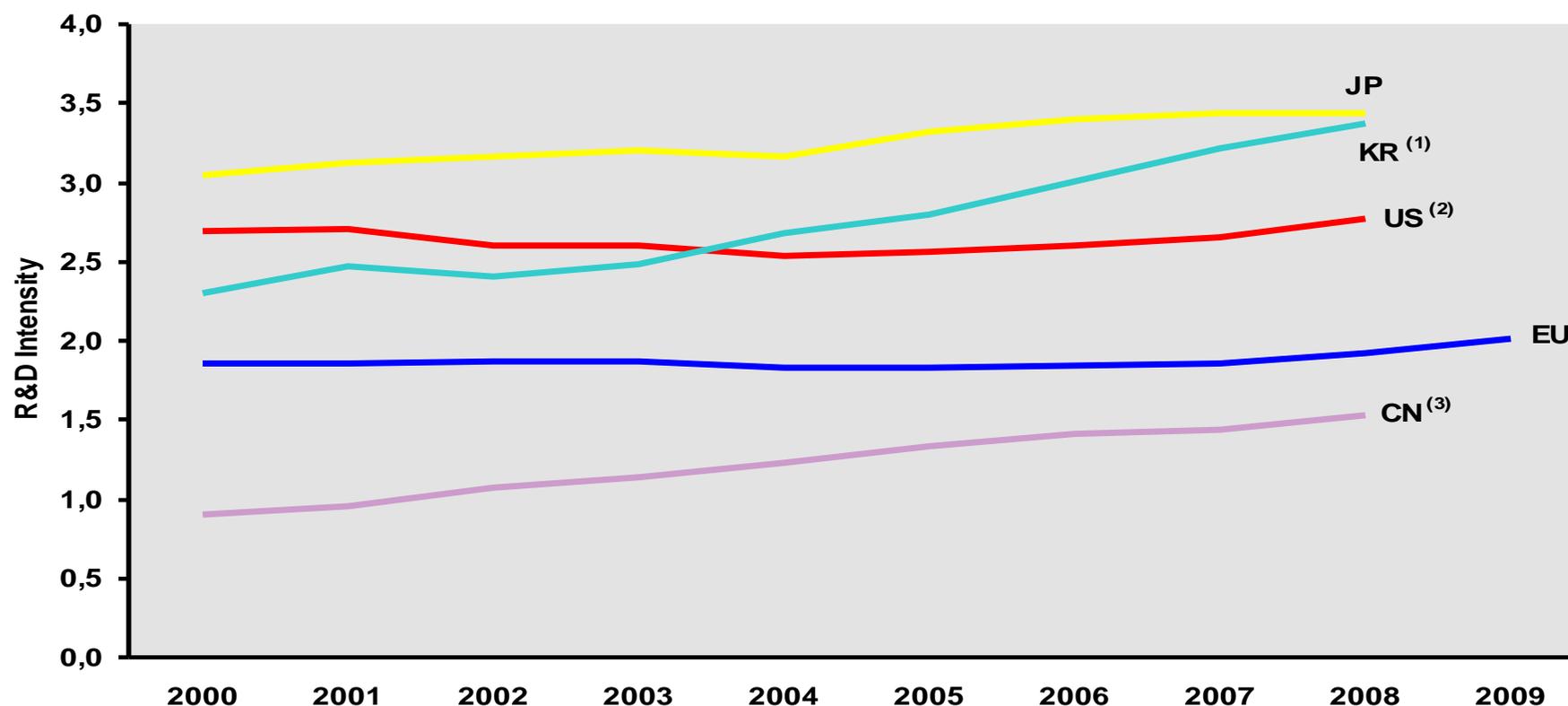
Percentage gaps between EU performance (0) and other countries across 12 indicators. Other countries, such as India and Brazil, are developing fast.

Source: 2010 Innovation Union Scoreboard



EU R&D investment is lagging behind our main competitors

Evolution of R&D Intensity, 2000-2009



The rationale for a Common Strategic Framework



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Benefits from current EU research and innovation funding (evaluations, other sources)

- Enable cross-border **pooling** of resources to achieve **critical mass** and **diffusion of knowledge**
- Promote **competition** in research and innovation, thereby raising levels of **excellence**
- Offers a wide range of **training possibilities** and enhances Europe's research and innovation capacities
- Provides a way to deal with **pan-European policy challenges** and link to EU market frameworks
- Raises the **international attractiveness** of EU research and innovation
- Act as a **catalyser** and for development of **common solutions**
- Financial instruments with **high leverage** and high efficiency



But also concerns

- **Complexity** - too many instruments and funding mechanisms, complex landscape
- **Further simplification**- less variation in rules, simpler audits and controls, avoid duplicate information
- **Better strategy for innovation** – involve users, how to commercialise results, generate impacts
- **Need to focus resources** – with critical mass to address the grand challenges
- **Broaden participation** – industry, SMEs, new Member States, women, new innovation actors
- **Clearer agendas** - driven by scientific, industrial, social objectives



Scope of the Common Strategic Framework

Covering current funding for:

- 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



Why a Common Strategic Framework?

- Increasing IMPACT

- **FROM** different priorities in each programme and initiative
 - **TO common strategic priorities**, focusing on societal challenges, competitiveness and research excellence.
- **FROM** gaps between the stages (R&D, demonstration, market take up, etc)
 - **TO** coherent support for projects and organisations across the innovation cycle **from research to retail**
- **FROM** research results that are not used and focus on technologies
 - **TO stronger support for innovation**, including non-technological innovation and market take up



Why a Common Strategic Framework?

- SIMPLIFICATION

- **FROM** different rules in each programme and initiative
 - **TO more standardised rules** across all initiatives – which meet the different needs and with flexibility where needed (e.g. for the EIT)
- **FROM** a large variety of funding schemes within and between programmes
 - **TO a rationalised toolkit** of schemes across the Common Strategic Framework
- **FROM** multiple websites, guidance documents, applications
 - **TO common entry points**, one stop shops, common IT platforms



Summary of questions in the Green Paper



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Delivering on Europe 2020

- How can a Common Strategic Framework make EU funding **more attractive** and easy to access?
- How to cover the **full innovation cycle**: research to market?
- Where to act at **EU level** (and leverage other resources)?
- How to support **joint programming** between Member States?
- What balance between **large vs small** projects?
- What balance between **standardisation vs flexibility** in the rules?
- What measures of **success**?
- How to **complement** national, regional and Cohesion Policy funding?



Tackling societal challenges

- How to focus on **societal challenges**?
- What scope for **bottom up** activities?
- What support for **policy making** and forward-looking activities?
- Role of the **Joint Research Centre**?
- How to involve **citizens**?



Strengthening competitiveness

- How to take account of **non-technological innovation**?
- How to strengthen **industry participation**, including public private partnerships?
- What support for **SMEs**?
- Use of **open, light and fast schemes** to explore innovative ideas?
- Use of **financial instruments** (equity, debt)?
- **New types** of support (public procurement, prizes)?
- Treatment of **Intellectual Property Rights**?



Strengthening the science base and the European Research Area

- Stronger role for the **European Research Council**?
- EU support to improve **Member State policies**?
- Greater support to **mobility and research careers** (Marie Curie actions)?
- Actions to strengthen the **role of women**?
- EU level support to **research infrastructures**?
- Priorities for **international cooperation**?
- Addressing obstacles to the **European Research Area**?



Contributions to consultation

- **Green paper is addressed to all stakeholders**
 - Research & business, public & private, large & small, experts & general public, individuals & organisations, etc.
- **Response modes**
 - Online questionnaire - 1300 responses received
 - Submission of written responses – 775 position papers received
 - Blog (*for online discussion and debate*)
- **Contributions were closed on 20 May 2011**



Main results of consultation

- **Overwhelming support for the CSF concept**
 - Bringing research and innovation closer, enhancing impact
- **Radical simplification to achieve better results**
- **Continuity of successful elements**
 - ERC, Marie Curie
 - Collaborative research as core element of the programme
- **Less prescriptive, more open to opportunities**
- **Support of all stages in the innovation chain**
- **Support of both curiosity-driven and agenda-driven activities**



Next steps

- **Follow up:**
 - Analysis of contributions by Commission
 - Major event to conclude consultation (10 June 2011)
 - Inputs to preparation of Commission proposals
 - **Commission proposals:**
 - for post 2013 EU budget (June 2011)
 - for the Common Strategic Framework (by end of 2011)
 - **Legislative decisions** on the Common Strategic Framework by the Council and European Parliament (2012-13)
- => **Common Strategic Framework** (from 2014)



Thank you for your attention

All written contributions and a first summary of the analysis are available at

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



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