

Realising the Europe 2020 Strategy by investing in Research and Innovation

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Major developments since June 2010 (1)

- Adoption of **Europe 2020 Strategy** (*June 2010*)
- **Largest ever calls under FP7 of 6.4 billion** (*July 2010*)
- **Innovation Union** flagship initiative as part of Europe 2020 (*6 October 2010, Council conclusions 26 November*)
- Communication on Budget Review (*October 2010*)
- **Interim evaluation of FP7** (*November 2010*)



Major developments since June 2010 (2)

- **Transition to DG Research and Innovation** (*January 2011*)
- **Simplification measures** (*January 2011*)
- **Publication of the Innovation Union Scoreboard** (*February 2011*)
- **European Council on Innovation** (*February 2011*)
- **Commission response to interim evaluation of FP7** (*February 2011*)
- **Publication Green Paper 'Towards a Common Strategic Framework'** (*February 2011*)



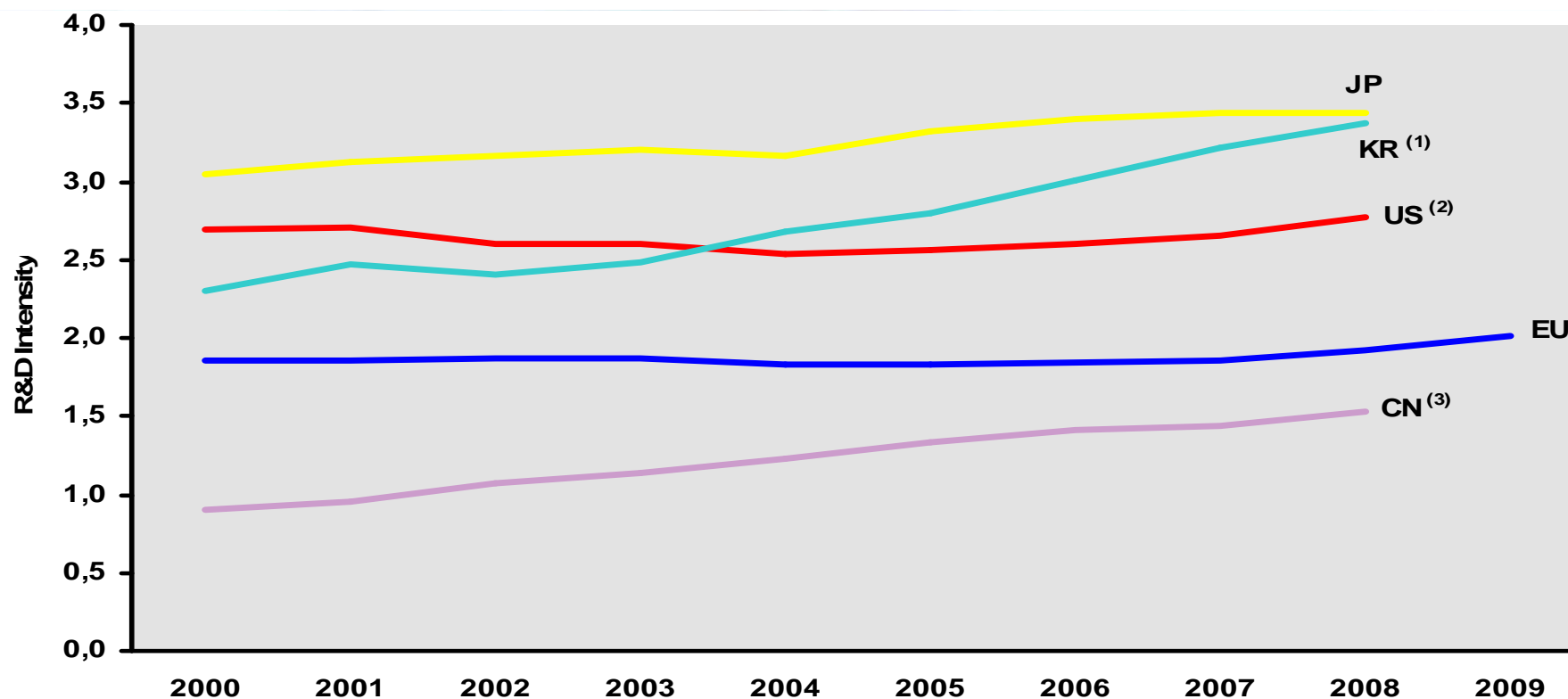
Europe 2020 Strategy

- Europe's strategy for getting out of the crisis
- In 2020 Europe will be changed into "into a new sustainable social market economy, a smarter, greener economy where our prosperity will result from innovation and from using resources better, and where knowledge will be the key input"
- Relaunch of the 3% objective for investments in Research and Innovation
- Seven flagship initiatives (eg. Innovation Union, Youth on the Move, Digital Agenda, Agenda for Skills and Jobs)
- Integrated guidelines for reforms in Member States, including reference to universities

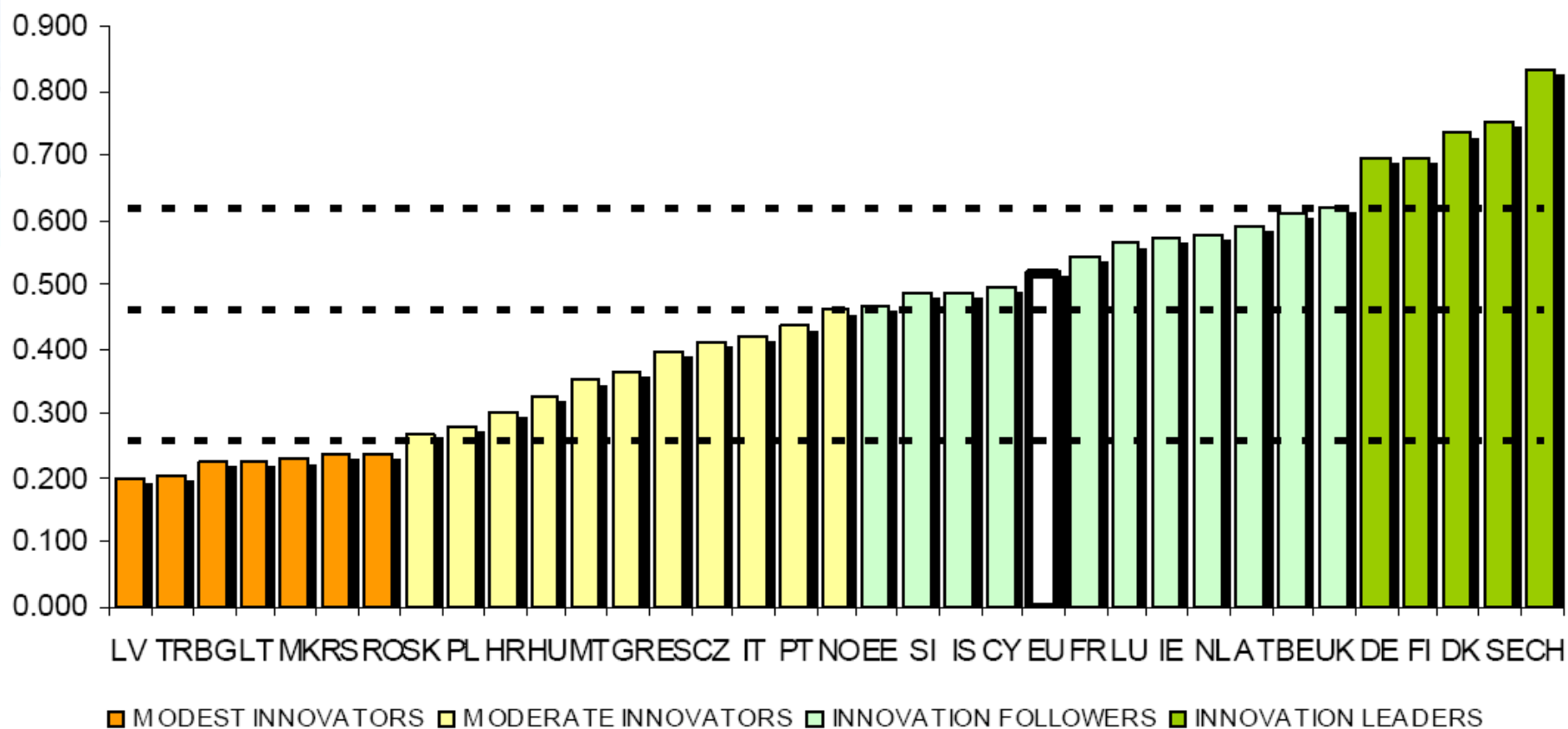


The EU's R&D is lagging behind our main competitors

Evolution of R&D Intensity, 2000-2009



Position of Norway in European countries' Innovation Performance



Innovation Union



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Innovation Union (1)

- A **strategic** and **integrated approach** to research and innovation
 - Innovation is overarching policy objective driving all other policies
 - Innovation policy is steered and monitored at the highest level
- Radically improving **framework conditions** and reduce time-to-market (standardisation, venture capital, IPR, public procurement, etc.)
- Prioritising efforts around **major challenges**, e.g. through European Innovation Partnerships
- Fully exploiting **non-technological innovation**
- Therefore need for smart fiscal consolidation

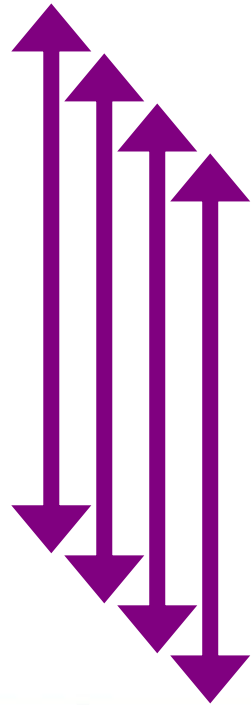


Innovation Union (2)

From idea to the market



**European
Innovation
Partnerships**



Principles for

- **Member State policies**
- **International cooperation**
 - **Governance**



Interim evaluation FP7



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Interim evaluation FP7: positive benefits

- Enables cross-border **pooling** of resources to achieve **critical mass** and **diffusion of knowledge**
- Promotes **competition** in research, thereby raising levels of **excellence**
- Offers a wide range of **training possibilities** and enhances Europe's research capacity
- 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



Interim evaluation FP7: Challenges

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



Norwegian participation in FP7



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7th Framework Programme: Norwegian participation (1)

- **Norway is a very active participant to FP7!**
- Number of participations in signed grant agreements:
 - 781 participations in 549 signed grant agreements
 - 24% success rate (EU average 22%)
 - Total amount of EU contribution to Norway: €247 million so far until 2010
- **Important participation in many areas:**
 - Energy and environment
 - ICT
 - Research for the benefit of SME's
 - Marine research (including Joint Programming Initiative 'Healthy and Productive Seas and Oceans')



7th Framework Programme: Norwegian participation / self evaluation (2)

- According to NIFU STEP (2010) successful Norwegian participation in FP7 with substantial impact on national research
- Development of ERA might have far-reaching structuring effect on Norwegian R&I policy
- Lessons learned:
 - Participation in FP7 perceived as helpful in network building
 - Participation in FP7 increases the research performance
 - 40% of participating companies expects direct economic benefit from the project
- Potential:
 - Good participation of knowledge institutions, less of industry yet
 - More focus on internationalisation of R&D
 - More systematic and goal-oriented in terms of aligning national strategy and European research policy



7th Framework Programme: Norwegian participation (3)

Important to participate! Why?

- To remain competitive
- To strengthen knowledge base
- To widen networks
- To join forces and solve common societal challenges
- To cooperate between knowledge institutions worldwide
- To internationalise
- To tap into new markets
- To benchmark



Research and innovation in the next EU financial framework (post 2013)



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Green Paper - Towards a Common Strategic Framework

- **Bringing together** FP7, CIP, and the EIT
- **To focus on challenges** requiring an EU response
 - Tackling major societal challenges
 - Increasing competitiveness
 - Raising excellence in the research base
- **With simplification**
 - Rationalised toolkit of funding schemes
 - More standardised rules, remove needless variations
 - Common entry points, IT platforms etc.
- **And clearer complementarities** with MS funding and with EU Cohesion Policy funds



Questions in the Green Paper



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Working together

- How can a Common Strategic Framework **simplify** the landscape?
- Where to act at **EU level** (and leverage other resources)?
- How to support **joint programming** between Member States?
- What **balance** between large and small projects?
- 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 cover the full **innovation cycle**?
- How to strengthen **industry participation**, including public private partnerships?
- What support for **SMEs**?
- Use of **financial instruments** (equity, debt)?
- How to take account of **non-technological innovation**?
- **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**?
- Greater support to **mobility and research careers** (Marie Curie actions)?
- EU level support to **research infrastructures**?
- Priorities for **international cooperation**?
- Addressing obstacles to the **European Research Area**?



A broad debate – timetable

- **Addressed to all stakeholders:**
 - Key questions for design of the Common Strategic Framework
- **Deadline for contributions by 20 May 2011:**
 - Online questionnaire
 - Submission of position papers
 - Interactive blog
- **Competition for a name** for the Common Strategic Framework
- **Follow up:**
 - Major event to conclude consultation (10 June 2011)
 - Commission proposals for next multi-annual financial framework (June 2011)
 - Commission legislative proposals for the Common Strategic Framework (by end of 2011)



More to come....

- Communication on Modernising Universities (*September 2011*):
 - Role universities in Innovation Union (regional innovation centres)
 - Research careers, attractiveness, doctoral schools, ranking, differentiation, curricula reform (university-business cooperation)
- ERA Framework and supportive measures (*proposals planned for 2012, aiming to be in force by 2014*)
 - Addressing the remaining obstacles to mobility and cross-border cooperation for completion of ERA 'where researchers, scientific knowledge and technologies circulate freely'
 - Public consultation to be launched in June 2011



Thank you for your attention

Robert-Jan Smits



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