



Expert Group on Responsible Research and Innovation

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Content:

- **RRI background: SiS Legacy and Horizon 2020**
- **RRI expert group; background and some key findings**
- **Way forward**



The SiS programme legacy:

need for 'co-creation' with society:

- Pro-active and iterative societal engagement is crucial to ensure that research and innovation are aligned with societal needs and concerns, and that they maintain long-term societal support.
- The approach of researchers and industry working together with stakeholders during all steps of research and innovation is called *Responsible Research and Innovation (RRI)*.



Responsible Research and Innovation (RRI)

Six keys to RRI: "For, with and by society!"

- 1. Citizen and civil society engagement*
- 2. Gender equality and gender in R&I content*
- 3. Science education*
- 4. Open access to science information*
- 5. Ethics compliance*
- 6. Governance framework*



Horizon 2020

- Responsible Research and Innovation builds on the lessons learned from the SiS programme and extends these activities to innovation

- RRI is proposed as a horizontal action in Horizon 2020

2011 A proposal for Horizon 2020

Responsible Research and Innovation

Three priorities

- | | |
|----------------------------|--------------------|
| (1) Excellent science, | EUR 27818 million; |
| (2) Industrial leadership, | EUR 20280 million; |
| (3) Societal challenges, | EUR 35888 million. |

Ensuring societal engagement in research and innovation

Science in Society 'legacy'





RRI Expert Group

- A Recommendation to the Member States on RRI is foreseen for 2013
- In order to assist the EC with identifying current activities in the Member States, key challenges and policy options that are relevant to a Recommendation on RRI, an Expert Group on RRI was established
- This Expert Group is currently finalising its report



RRI Expert Group Report:



RRI Expert Group

Identifying the problem:

- A need to better incorporate social and ethical concerns in research and innovation.

- *Improving efficiency of research funding, avoiding 'stranded innovation'*
- *Value requirements as driver of innovation (e.g. eco-innovation)*
- *Addressing market failure (e.g. incentives for long-term objectives)*

- Currently no coherent approach for RRI criteria or processes among the Member States



RRI Expert Group

The objective:

- To facilitate and improve the consideration of ethical concerns and societal needs in research and in innovation, with a view to the achievement of the EU2020 objectives and the development of the ERA.



RRI Expert Group

The policy options:

● Funding for RRI

- **Mainstreaming of RRI in the EU's funding programmes**
 - *Criteria and principles for Horizon2020 funding schemes*

- **Increased share of funding for trans-/interdisciplinary research**
 - *'Upstream' engagement in the definition of H2020 Work Programmes*

- **A specific funding line for research on RRI**
 - *Further development of theoretical framework and conditions*



RRI Expert Group

The policy options:

- **Improved coordination with the Member States**
 - **Improved Coordination of RRI activities in the MS:**
 - *A voluntary reporting scheme that can be used to set benchmarks*
 - *Funding activities for RRI in the MS*
 - *Setting Incentives for RRI in public procurement*
 - **Codes of Conduct for RRI activities**
 - **Voluntary standards on RRI**
 - *In collaboration with standardisation bodies like CEN and ISO*



RRI Expert Group

Way forward:

- Expert Group to finalise its report early October
- B6 will use the report as a major input to the preparatory work for, and drafting of, the Recommendation on RRI



Thank you for your attention!