

FP Evaluation

Comparative Analysis



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European Commission

Roadmap

- Evaluation of FP6
 - FP6 Ex-Post Evaluation Report
- Evaluation Studies
 - Examples of comparative analysis
- Evaluation of FP7
 - FP7 Interim Evaluation

FP6 Ex-Post Evaluation Basics

- Legal base: FP7 Decision
- Mandate: Design, Implementation, Achievements
- Scope: FP6 (EC + EURATOM)
- Expert Group
 - Chaired by Prof. Rietschel (Leibniz Association, DE)
 - Rapporteur Erik Arnold (Technopolis)
- 6 Meetings from July to December 2008
- Report available on
<http://ec.europa.eu/research/evaluations>

FP Evaluation System Ingredients

- Monitoring, Project Database (CORDA)
- *Output indicators*
- Self assessments
- Thematic evaluation studies and reports
- Horizontal evaluation studies
- National Impact Assessments
- Feedbacks, surveys
- ...

FP6 Ex-post Evaluation Report Achievements

Positive balance

- Key instrument to tackle sub-criticality
- Generated European Added Value
- Coordination with Member States
- Strengthened the European Research Area

Problems

- Low industry participation
- Low participation of female researchers
- ...

FP6 Ex-post Evaluation Report

FP Design

Mixed Picture

- Need for more transparent consultation
- Role of FP in the overall European research policy-mix needs better definition
- Lack of consistency between research and innovation policy
- FP as coordinator for multi-actor initiatives
- ...

FP6 Ex-post Evaluation Report

FP Implementation

Room for improvement

- Mixed picture for NoE and IP
- Human resource actions judged as success
- Research Infrastructure initiatives positive
- Complexity, difficult procedures, need for radical management improvements
- Public accountability to be improved
- ...

FP6 Ex-post Evaluation Report Recommendations (1)

- Goals should be commensurate with capacity
- FP to be better synchronised with national research efforts
- Cooperation with “Third”(?!) Countries needs more focus and clearer strategies
- Bottom-up collaborative projects (like NEST)
- SME participation important, but no strict rules (“15%”)

FP6 Ex-post Evaluation Report Recommendations (2)

- Continue ESFRI process
- Substantive steps needed to increase female participation
- Focus on major challenges to attract young people for research
- FP administration needs radical overhaul – cut time-to-contract by half
- Broaden evaluation scope – look at longer term impacts of FPs

FP6 Ex-post Evaluation Report Vision

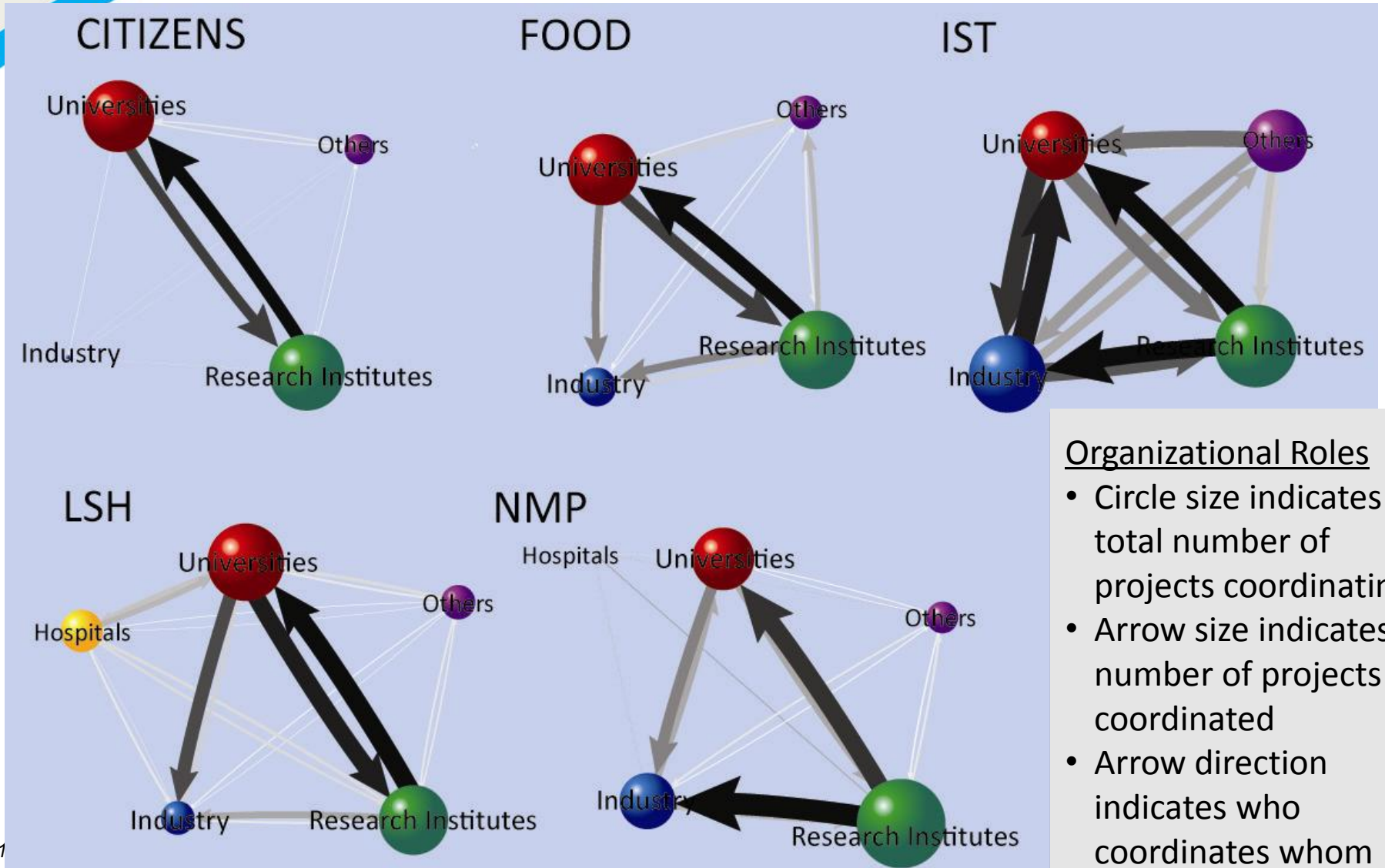
- Time for a confident, scientifically capable, innovative European knowledge society to engage with the rest of the world ...
- New lines of action
 - Grand Challenges
 - Great Ideas
- Significantly higher budget needed
- European excellence through global collaboration and competition

Recent Evaluation Studies

- Participants survey
- Behavioural Additionality
- FP6 New instruments
- Impact of FP6 on new Member States
- International Standing of FP
- **Network Formation**
- **Bibliometric analysis**
- ...
- <http://ec.europa.eu/research/evaluations>

NetPact Study

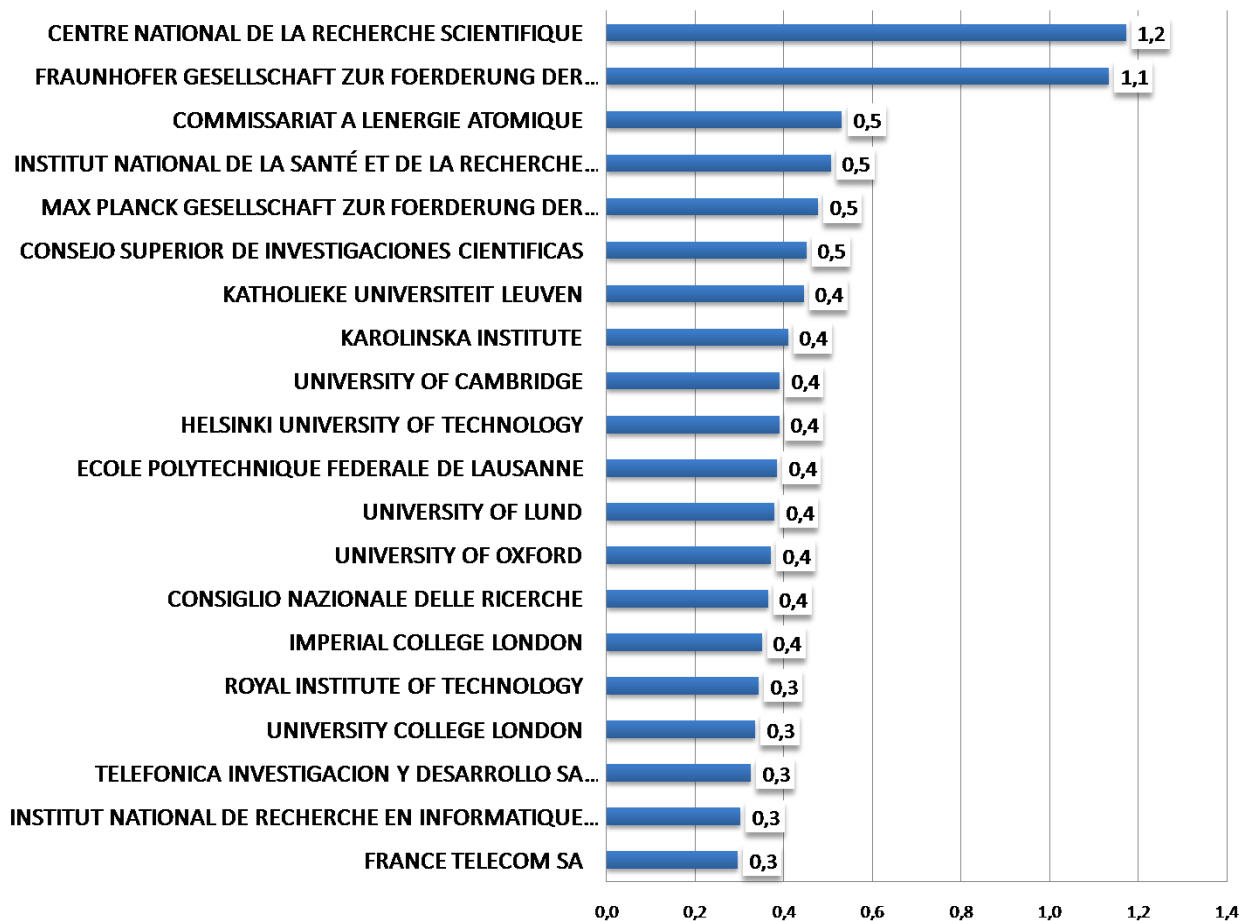
Network structures in FP6



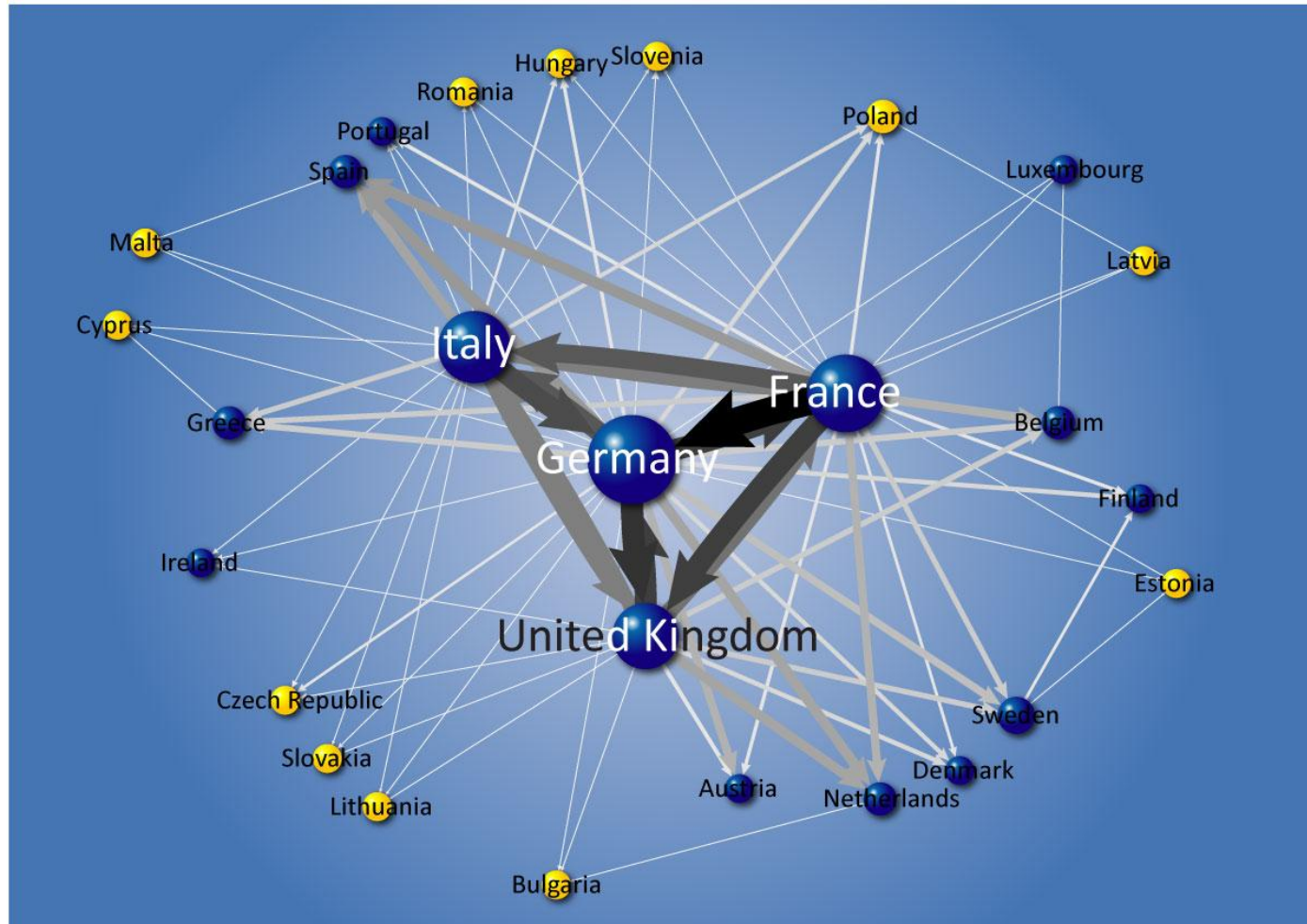
Organizational Roles

- Circle size indicates total number of projects coordinating
- Arrow size indicates number of projects coordinated
- Arrow direction indicates who coordinates whom

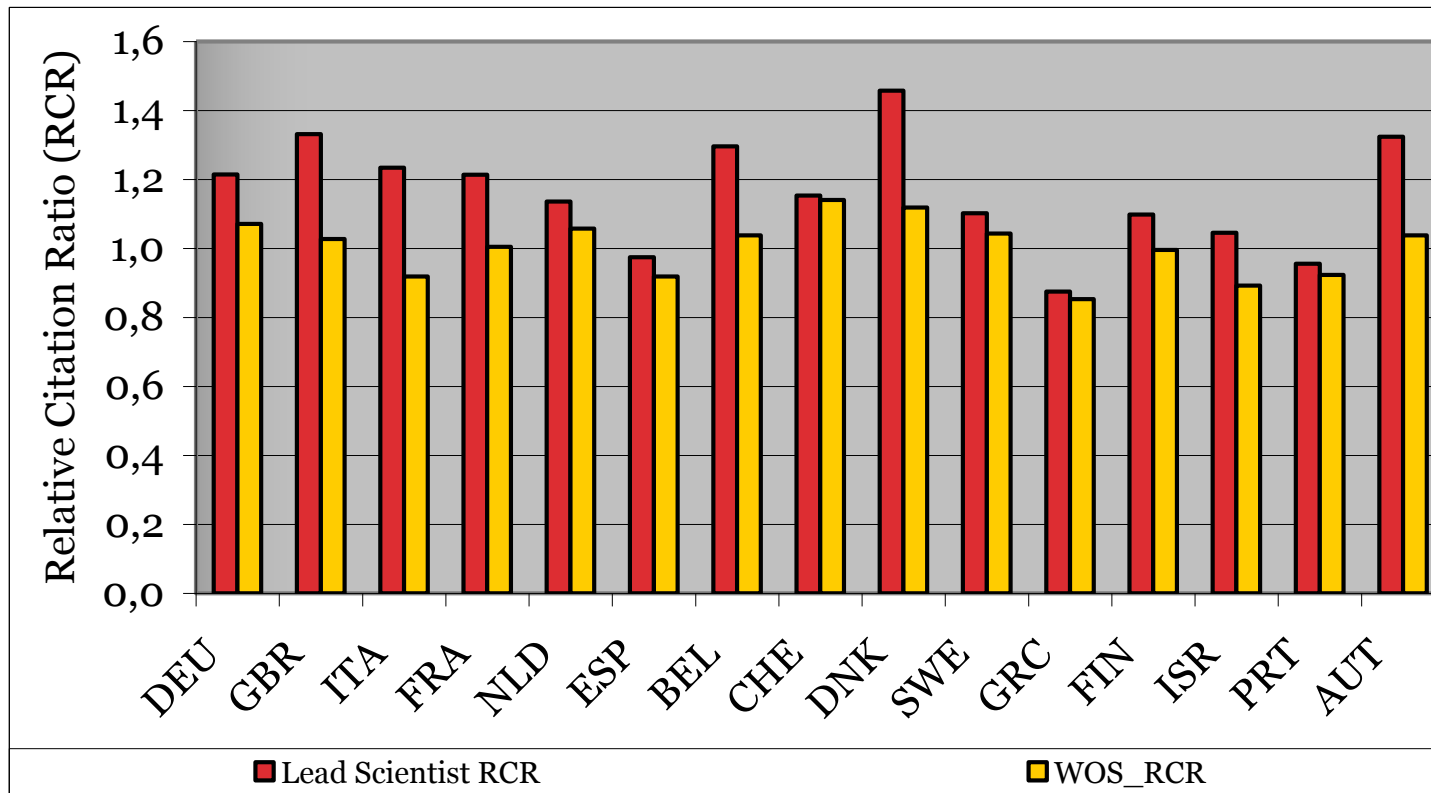
NetPact Study Central Actors



NetPact Study New Member States



Bibliometric Study Citation Rate for FP Participants



FP7 Interim Evaluation Basics

- FP7 Decision:
 - Interim Evaluation “no later than” 2010
- To cover FP as a whole
- Specific reviews in some areas
 - (ERC, RSFF, Euratom, ...)
- Carried out by a group of external experts
- Meetings from February to September 2010
- Final Report expected in October 2010

FP7 Interim Evaluation

Possible Key Questions

Key questions:

1. General objectives achieved?
2. How to improve impact of FP on ERA and other policies ?
3. FP7 role in positioning Europe on the global map?
4. Efficiency of novel measures (ERC, JTI, ...)?
5. How to better address interdisciplinary “grand challenges”?
6. Simplification measures effective?
7. Progress on issues raised in FP6 evaluation?

Contact

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