

German study on participation patterns in the Framework Programme

Eighth Czech Days For European Research
Further perspectives of European Research (and Innovation) Area
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FORSCHUNG

Ideen zünden!

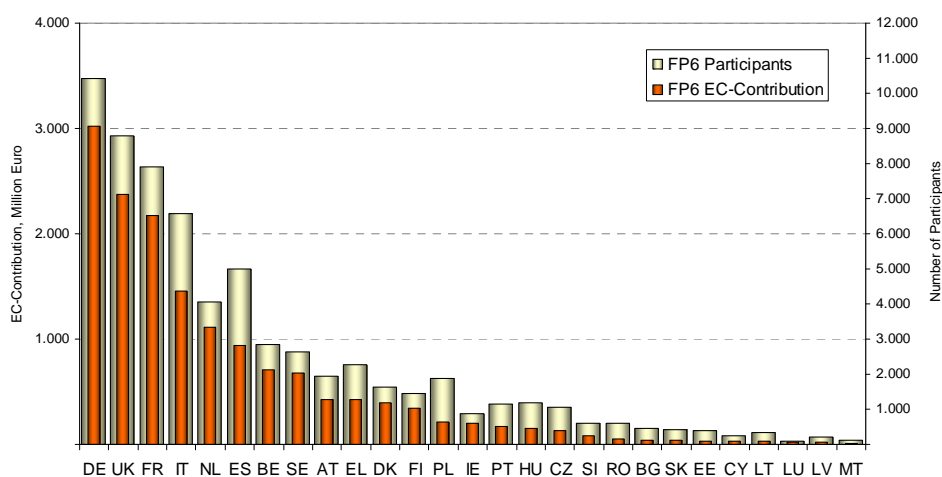
Methodology

- Analyses of ECORDA FP6 project database
- Survey on FP-participants and unsuccessful FP-applicants in higher education institutions and research organisations (n=1.800)
- Face-to-face interviews with 20 FP-participants and unsuccessful FP-applicants
- Survey on EU-Consultants in higher education institutions and research organisations (n=135)
- Analyses of database on research activities of private companies

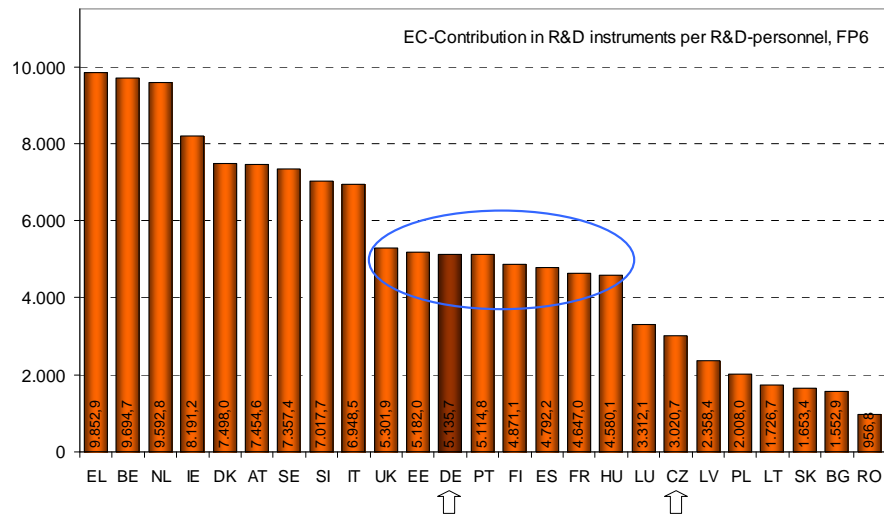
- **Motivation for participation in the framework programme**
 - Excellent scientific output
 - Knowledge transfer/mutual learning towards excellence
 - Networking with european and international excellence
 - Promotion of young researchers
 - Access to foreign markets
 - Not just „money“ for research but achieving strategic aims!
- **Basic assumptions approved**
 - Projects and participants are selected on the basis of excellence
 - Funding instruments promote collaborative research of the best researchers worldwide
 - Large, export-oriented, high-tech and knowledge-intensive companies are more likely to use FP than national funding

- Within the 6th Framework Programme 10.058 projects were funded with 74.400 participants from the European Union, associated states and third countries
- Institutions from 152 nations were involved
- Only 18% of all poject proposals were funded due to a severe 5-fold budget oversubscription

- German enterprises, research centers and universities are the most frequent partners in research projects followed by UK, FR and IT
- Considering its research potential (public R&D spending, R&D-personnel) German performance is comparable with the large Member States – United Kingdom and France



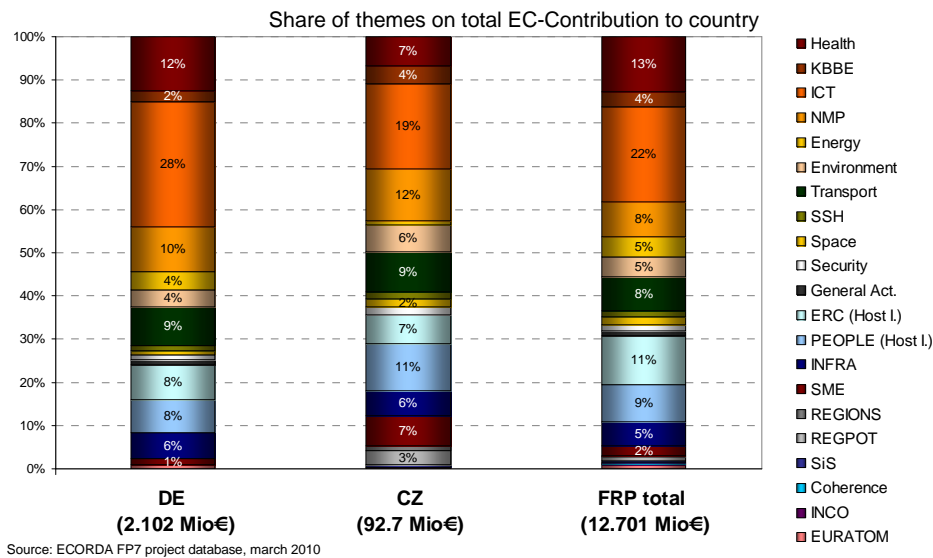
Source: ZEW Study, FP6



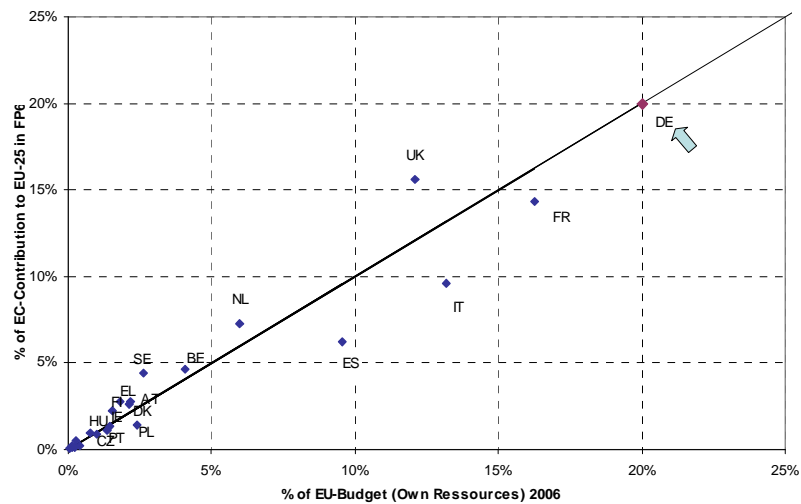
Source: ZEW Study, FP6

- Focus on SP Cooperation
 - ICT (28% of funding), Health (12%), NMP (10%), Transport (9%)
- Strong participation of private companies
 - One third (33%) of German participants are private companies (28% of funding)
- SME participation
 - 17% of German participants are SMEs (12,2% of the total amount of funding to German participants)
- Internationalisation
 - German partners collaborate with participants from 128 out of 149 nations participating in FP7

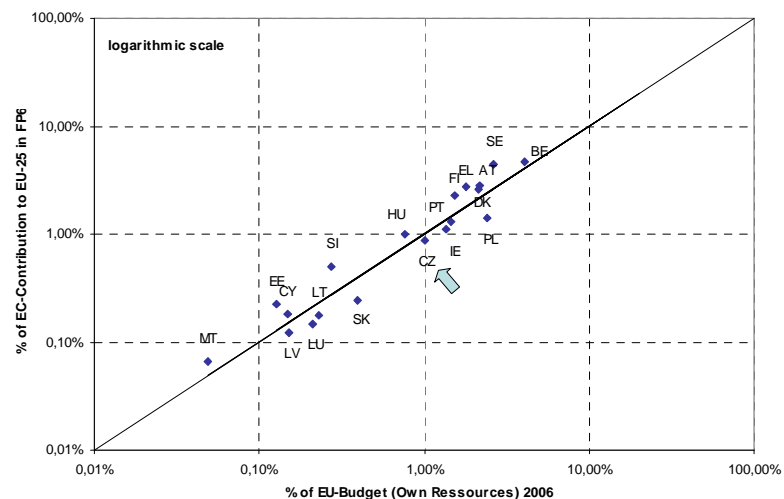
Source: ECORDA FP7 project database, march 2010



- Compared to their contribution to the EU-budget most countries benefit from the Framework Programme
- The new member states show a much better performance than expected
- Benefits from the Framework Programme don't arise from financial returns alone but through European Cooperation



Source: ZEW Study, FP6



Source: ZEW Study, FP6

Excellence and cohesion are communicating tubes

- Excellence supports cohesion
 - Lighthouse function of excellent research
 - Spreading of excellence through cooperation, networking and knowledge transfer
 - Brain circulation using the ERC and the „Marie-Curie programme“
 - Joint use of infrastructures
 - Mutual learning within ERA-Nets
 - Joint development of innovation strategies in „Regions of Knowledge“
- Structural funds support regional RTD
 - In Germany 29% of structural funds are dedicated to RTDI
 - Enabling participation in the Framework Programme

- On the bases of the FP6 – Ex-post-Evaluation regular monitoring was established for FP7
- Participation patterns proved to be stable in FP7 despite changes in programme structure
- Evidence base is used for FP8 preparation strategy

- German participation in the Sixth European Framework Programme for Research and Technological Development, carried out by ZEW Centre for European Economic Research, Mannheim
- Study (german) and Summary (english) available at <http://www.bmbf.de/publikationen/index.php?pag=8>