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COMMISSION

Community research

Strengthening cooperation between companies, universities and research centres in Europe – The Cooperation Programme

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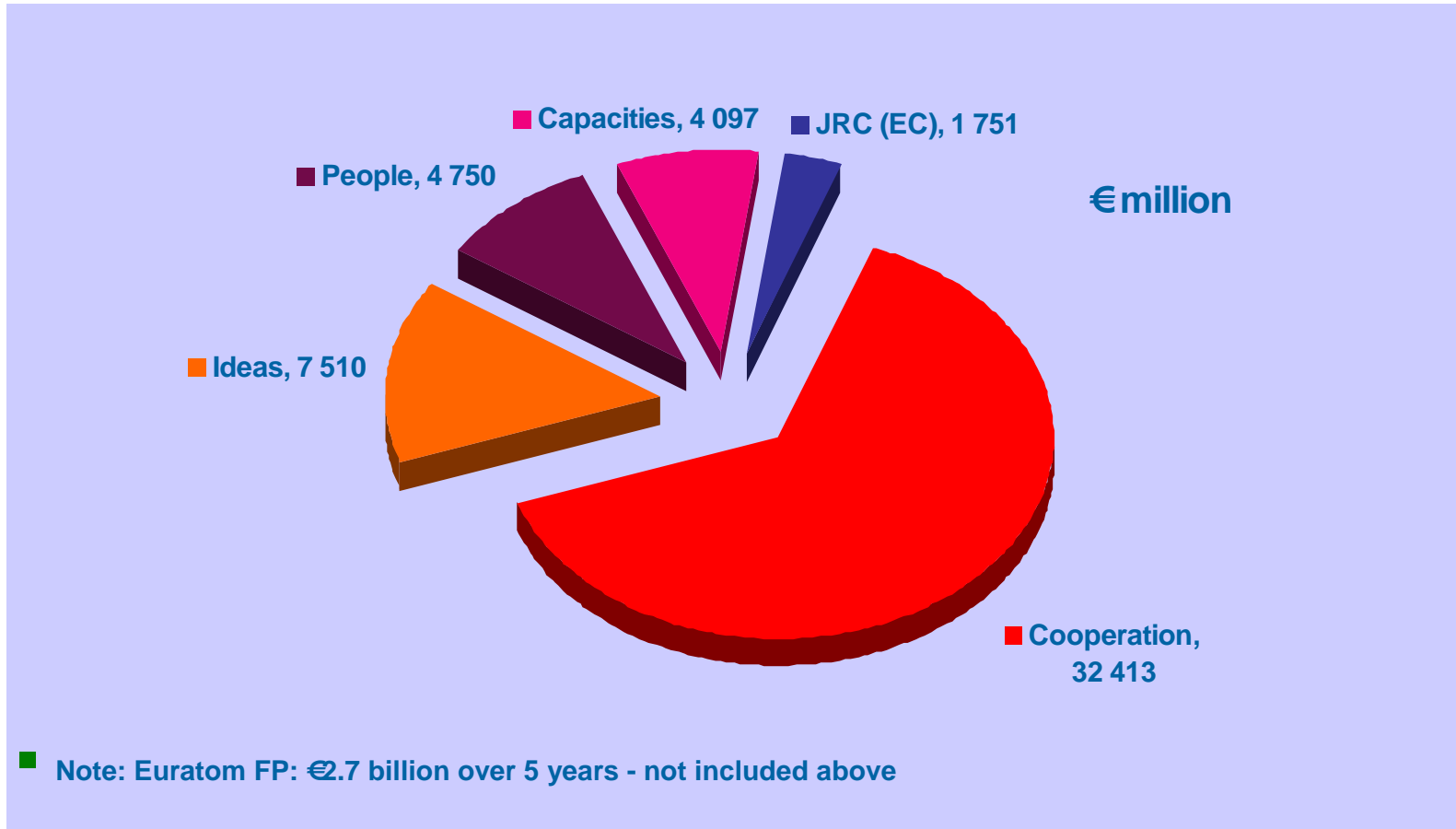


Cooperation Programme

- Budget
- Concept
- “Tools”
- Horizontal issues
- Key criteria
- Conclusion



FP7 budget (€50 521 million, current prices)





FP7 2007-2013 'Cooperation' budget

I. Cooperation

Budget
(€million,
current prices)

1. Health	6 100
2. Food, Agriculture and Fisheries, and Biotechnology	1 935
3. Information and Communication Technologies	9 050
4. Nanosciences, Nanotechnologies, Materials and new Production Technologies	3 475
5. Energy	2 350
6. Environment (including Climate Change)	1 890
7. Transport (including Aeronautics)	4 160
8. Socioeconomic Sciences and the Humanities	623
9. Space	1 430
10. Security	1 400
Total*	32 413

* Not including the Fusion (1 947) and Fission and radiation protection (287)
Themes in Euratom (2007 – 2011)



Concept

- The Core of FP7
- Continuity with improvements
- Integrated approach
 - Themes contain all aspects (international, dissemination, SMEs, flexibility, cross-cutting issues)
- Annual Work Programmes gives comprehensive overview



Cooperation- "Tools"

Collaborative research

Collaborative projects
Networks of Excellence
Coordination/support actions

Joint Technology Initiatives

Coordination of non-Community research programmes
(ERA-NET; ERA-NET+; Article 169)

Risks-Sharing Finance Facility (RSFF)



Collaborative projects

- Consortia with participants from different countries
- New knowledge, technology, products or common resources for research
- Size, scope and internal organisation of projects can vary
- Can be divided into
 - Small or medium-scale focused research projects
 - Large scale integrating projects

Example: Environment Theme

- For small or medium-scale focused research projects, the requested Community contribution shall not exceed 3.5 million Euros (eligibility criterion)
- For Large scale integrating projects the requested Community contribution shall be from 4 up to 7 million Euros (eligibility criterion)



Networks of Excellence

- Joint programmes by organisations integrating activities in a given field,
- longer term co-operation and
- commitment to integrate resources.
- These are more important aspects than the number of participants



Joint Technology Initiatives

Article 171:

Joint Undertakings or any other structure

- Firmly anchored in themes of the Cooperation Programme
- In fields of major European public interest
- Six fields envisaged at this stage
 - Fuel Cells and Hydrogen (FCH)
 - Aeronautics and Air Transport (Clean Sky)
 - Innovative Medicines (IMI)
 - Nanoelectronics (ENIAC)
 - Embedded Computing Systems (ARTEMIS)
 - Global Monitoring for Environment and Security (GMES)



ERA-NET/ ERA-NET PLUS in FP7

- **ERA-NET:** Normally a 4-step approach
 - Systematic exchange of information & best practice
 - Definition and preparation of joint activities
 - Implementation of joint activities
 - Funding of joint, trans-national research actions (as much as possible)
- New topics not addressed in FP6
- Existing ERA-NETs to focus on steps 3 and 4.
- **ERA-NET PLUS** : financial support to “top-up” joint calls

Article 169 in FP7

Participation in research and development programmes undertaken by several Member States

Cooperation Programme

- Baltic Sea Research (Bonus 169)
- Ambient Assisted Living (AAL)
- Metrology (EMRP)

Capacities

- Research Performing SMEs (Eurostars)



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Horizontal issues

- International Cooperation
- Dissemination
- SMEs
- Cross-thematic approaches



International Cooperation

All Themes open to international cooperation

- Support competitiveness through strategic partnerships with third countries through:
 - Opening up of all activities in the themes and targeted opening with encouragement for certain countries or regions to take part
 - Specific International Cooperation Actions (SICA) linked to the ten themes (special rules “2+2”) addressing specific problems facing third countries on the basis of mutual interest and mutual benefit



Dissemination, knowledge transfer, broader public engagement

Example : Environment

- **Exploitation and dissemination of climate change research results and public perception**
- **Promoting access to information across marine themes**
- **Fostering improved co-operation between marine science and the private sector**
- **Promoting access to and recovery of marine data from previous FP projects**
- **Consolidation and dissemination of results related to cultural heritage**



SME participation

SME-Targeted projects

Example: NMP Theme

- Equipment and methods for nanotechnology
- Flexible efficient processing for polymers
- New added-value user-centred products and product services
- Rapid manufacturing concepts for small series industrial production
- Application of new materials including bio-based fibres in high-added value textile products
- Innovative added-value construction product-services



Cross-thematic approaches

Coordinated calls/topics:

- **Climate change, biodiversity, marine research**

Joint Calls:

- **ICT/security: Security systems, interconnectivity and interoperability**



Key criteria

- Peer review
- Evaluation criteria
 - Scientific and/or technological excellence (& relevance to SP)
 - Potential impact through the development, dissemination & use of project results
 - Implementation and management
- Detailed criteria in WPs – including thresholds and weightings
- Ethical principles



Conclusion

FP7 Cooperation Programme provides

- ❖ continuity, increased opportunities, integrated approach, comprehensive overview...
- ❖ and will further strengthen cooperation between companies, universities and research centres in Europe.