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# Prospects for the Seventh Framework Programme 2007-2013

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## **European Council, December 2005:**

*“particular priority should be given to delivering a substantial and progressive enhancement of the EU’s research effort, which is generally recognised to be one of the most promising and effective drivers of innovation and growth”.*



## Budget for FP7

- Commission proposal for Inter-Institutional Agreement on Financial Perspectives 2007-13
    - **47.8 billion euro (2004 prices)**
  - Proposed agreement with Parliament and Council, 4 April:
    - **Additional 300 million euro (2004 prices)**
- ⇒ **Overall budget ~ 54 billion euro** (current prices)
- **~ 60% increase compared to FP6**



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# Strategic Objectives for EU Research Policy

- **Increasing research investment**
  - Towards 3% of GDP by 2010, with 2/3 financed by industry
- **Consolidating the European Research Area**
  - Greater coordination of research policies and activities
- **Strengthening research excellence**



# **FP7: Overview of structure and objectives**



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# FP7 2007 - 2013

Specific Programmes

***Cooperation*** – Collaborative research

***Ideas*** – Frontier Research

***People*** – Human Potential

***Capacities*** – Research Capacity



JRC (non-nuclear)

JRC (nuclear)

Euratom



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# ***Cooperation* – Collaborative research**

## *9 Themes*

1. **Health**
2. **Food, agriculture and biotechnology**
3. **Information and communication technologies**
4. **Nanosciences, nanotechnologies, materials and new production technologies**
5. **Energy**
6. **Environment (including climate change)**
7. **Transport (including aeronautics)**
8. **Socio-economic sciences and the humanities**
9. **Security and space**



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# ***Cooperation*– Collaborative research**

- Flexibility to address both *Emerging needs* and *Unforeseen policy needs*
- Emphasis on dissemination, knowledge transfer, broader public engagement

## **Collaborative research**

(Collaborative projects; Networks of Excellence; Coordination/support actions)

## **Joint Technology Initiatives**

[medicines, nanoelectronics, embedded computing, hydrogen & fuel cells,  
Aeronautics and air transport, GMES]

## **Coordination of non-Community research programmes**

(ERA-NET; ERA-NET+; Article 169)

## **International Cooperation**





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## ***Ideas* – European Research Council**

- **Frontier research**
- **Support to individual teams, to**
- **Promote excellence through Europe-wide competition**
- **Dedicated implementation structure (Executive Agency)**
- **Independent scientific governance (Scientific Council)**



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# ***People – Human Potential***

## **Initial training of researchers**

Marie Curie Networks

## **Life-long training and career development**

Individual Fellowships

Co-financing of regional/national/international programmes

## **Industry-academia pathways and partnerships**

Industry-Academia Scheme

## **International dimension**

Outgoing International Fellowships; Incoming International Fellowships

International Cooperation Scheme; Reintegration grants

## **Specific actions**

Excellence awards



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## ***Capacities* – Research Capacity**

1. Research Infrastructures
2. Research for the benefit of SMEs
3. Regions of Knowledge
4. Research Potential
5. Science in Society
6. Activities of International Cooperation
- + Coherent Development of Policies



## **Funding schemes**

- **Collaborative projects**
- **Networks of Excellence**
- **Coordination and support actions**
- **Individual projects**
- **Support for training and career development**
- **Research for the benefit of specific groups (SMEs)**



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# Rules for Participation

## Establish:

- **Minimum conditions for participation**
- **Procedures:**
  - Calls for Proposals,
  - Evaluation,
  - Implementation and Grant Agreements
- **Consortia requirements**
- **Community financial contribution**
- **Dissemination, use and access rights**



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# Community financial contribution

- **Three forms of grant**

- Reimbursement of eligible costs
- Lump sums
- Flat-rate financing

- **Maximum reimbursement rates**

- Research and technological development  $\leq 50\%$ 
  - but: Public bodies, secondary and higher education bodies, research organisations (non profit), SMEs  $\leq 75\%$
- Demonstration activities  $\leq 50\%$
- Frontier research actions (European Research Council)  $\leq 100\%$
- Coordination and Support Actions  $\leq 100\%$
- Training and career development of researchers actions  $\leq 100\%$



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# FP7 – what's new?

Not “new” but evolution (continuity) of successful FP 6-elements:

- **Themes for collaborative research** *(but with some new areas and greater flexibility)*
- **Marie Curie actions** *(but with new emphasis, e.g. international aspects and industry-academia mobility)*
- **SME specific actions** *(outsourcing research)*
- **Funding schemes** *(but with improvements)*



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# FP7 – what's new?

## ...and major new approaches

- **European Research Council**
- **Joint Technology Initiatives**
- **Coordination of National Research Programmes (Art. 169)**
- **Strategic approach to research infrastructures**
- **Regions of Knowledge** *(following successful piloting during FP6)*
- **Research Potential** *(to exploit research excellence in “convergence regions”)*
- **Risk sharing finance facility** *(increasing the availability of European Investment Bank loans)*



# Simplification

Throughout FP7, including:

- **Rationalising the funding schemes**
  - simpler set of funding instruments
- **Avoiding red-tape!**
  - less bureaucratic and more user-friendly languages
- **Reducing**
  - number and size of documents
  - number of requests to participants



## **FP7: State of play and next steps**

# Key documents

- **Framework Programme Proposals**
  - Commission proposal 6 April 2005
  - Codecision by Council and Parliament (EC Treaty)
- **Specific Programmes**
  - Commission proposal 21 September 2005
  - Council Decisions
- **Rules for Participation**
  - Commission proposals December 2005, January 2006
  - Codecision by Council and Parliament (EC Treaty)



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## Debate in Council of Ministers

- **November 2005** Competitiveness Council: “Partial General Approach” agreed for FP7.
- **March 2006** Competitiveness Council: Cooperation and Ideas Specific Programmes + Rules for Participation discussed
- **April 2006** Informal Competitiveness Council: Discussion on budget breakdown



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# Debate in the European Parliament

- **FP7:**
  - rapporteur, Mr Buzek (EPP, Poland)
  - Report circulated, December 05
  - Over 1300 amendments proposed
  - Parliament due to vote by June 2006
- **Debate ongoing:**
  - Rules for Participation (rapporteur, Mr Busquin)
  - Specific Programmes



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# Revised Commission Proposals

- Structure and objectives **remain the same**
  - **Cooperation** (Themes): as core programme (largest budget share)
  - **Ideas:** Critical mass needed for European Research Council
  - **People:** Increase for Marie Curie actions compared to FP6
  - **Capacities:** Increases compared to FP6 for Research Infrastructures, SME specific actions, and Science in Society; New activities (Regions of Knowledge; Research Potential); strategic approach to international cooperation



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## Next steps (indicative)

- **Revised Commission Proposals** (after Interinstitutional Agreement on the Financial Perspectives)
- **Parliament opinion on FP7**
- Mid 2006: **Council common position on FP:**
- Late 2006: **Codecision on FP and Rules, Decision on SPs**
- *Ongoing:* **Commission preparation for implementation** (work programme, forms, contracts, procedures, guidance, etc.)
- End 2006/ beg. 2007: **Launch of FP7** (adoption of work programmes, calls for proposals)



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# Further information

- EU research: <http://europa.eu.int/comm/research>
- Seventh Framework Programme:  
[http://europa.eu.int/comm/research/future/index\\_en.cfm](http://europa.eu.int/comm/research/future/index_en.cfm)
- Information on research programmes and projects:  
<http://www.cordis.lu>
- RTD info magazine:  
<http://europa.eu.int/comm/research/rtdinfo/>
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