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# FP7: New Initiatives and Trends

## 6<sup>th</sup> FOOD NCP Meeting

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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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## 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 and with a new approach to International Collaboration*)
- **Marie Curie actions** (*but with new emphasis, e.g. international aspects and industry-academia mobility*)
- **SME specific actions** (*but with increase in budget*)
- **Funding schemes** (*but with improvements*)



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## FP7 – what's new?

...and major new approaches

- **Joint Technology Initiatives**
- **New research infrastructures**
- **European Research Council**
- **Research Potential scheme to exploit research excellence in “convergence regions”**
- **Risk sharing finance facility** (*increasing the availability of European Investment Bank loans*)
- **Simplification**



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## Joint Technology Initiatives

- **Firmly Anchored in Themes of the Cooperation Programme**
- **In Fields of Major European Public Interest**
- **Six Fields Envisaged at this Stage**
  - Innovative medicines
  - Nanoelectronics
  - Embedded systems
  - Aeronautics and air traffic management
  - Hydrogen and fuel cells
  - Global monitoring for environment and security
- **Other Fields Possible Subsequently**



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## New Research Infrastructures

- **Construction of new infrastructures and major updates of existing ones**
  - Based on work of ESFRI
  - On basis of Article 171 when relevant
- **Design and foresight studies**
  - Bottom-up approach
  - Exploratory awards and feasibility studies for new infrastructures



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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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# Realising the Full Research Potential of EU25

## Objectives

- **Strengthen research in Convergence Regions**
- **Expand collaboration of research centres;  
increase international exposure**
  - secondments, visiting scientists, conferences, workshops etc.
- **Long-term development**
  - demonstrate leadership
  - participation as equal partners in the EU research arena



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## Risk-Sharing Finance Facility: Objectives and added value

- **Innovative financing mechanism**
- **Improve access to EIB loan finance**
- **Foster increased private investment in research**
- **Risk-sharing with EIB to allow**
  - Larger volume of EIB lending
  - Financing of riskier projects by EIB
- **Leverage effect → extra lending by EIB = 3-4 times EU funds allocated**
- **Benefit from EIB experience and management**



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# Simplification

- **Annual Work Programmes**
- **Clearer programme structure**
- **Simpler set of funding schemes**
- **Standardised contract information**
- **Simplified application procedures – unique registration facility**
- **More user friendly applicant guides**
- **Input and advice on all aspects from the Sounding Board set up by Commissioner Potočník**



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# Budget for FP7

- EC Programme 50 521 million Euro (current prices)
    - Cooperation 32 292 million Euro
    - Ideas 7 460 million Euro
    - People 4 727 million Euro
    - Capacities 4 291 million Euro
    - JRC EC Programme 1 751 million Euro
  
  - Euratom Programme 2 751 million Euro (current prices 2007-11)
    - Fusion Energy Research 1 947 million Euro
    - Nuclear Fission and Radiation Protection 287 million Euro
    - JRC Nuclear Research Activities 517 million Euro
- ⇒ **Overall budget:**  
~ 40% increase compared to FP6  
75% real terms increase between 2007 to 2013



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# Key Legal Texts

- **Framework Programme Proposals**
  - Commission proposal 6 April 2005
  - Co-decision by Council and Parliament (EC Treaty)
- **Specific Programmes**
  - Commission proposal 21 September 2005
  - Council Decisions
- **Rules for Participation**
  - Commission proposals 23 December 2005, 7 February 2006
  - Co-decision by Council and Parliament (EC Treaty)
- **Amended Proposals for FP7 Proposals**
  - With amended financial statements (FP and SP) 24 May 2006
  - Amended proposals (FP) 28 June 2006



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## Where are we now?

- **28 June 2006 - Commission amended proposal for FP7 – takes on board clarifications and amendments requested by EP and Council (financial amendments 24 May)**
- **24 July 2006 – Council to adopt a Political Agreement on FP7? – with a view to adopting a Common Position in September**
- **Late 2006 – Second reading by EP, formal adoption of the FP**
- **Late 2006: Co-decision Rules for Participation, 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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# Work Programmes

- **Strategy/ approach, timing and content of calls (topics, funding schemes, budgets etc.)**
- **Evaluation criteria (S&T quality, impact, implementation)**
- **Particular requirements for participation, evaluation, implementation**



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# Preparation of Work Programmes

- **Annual process**
- **Following consultation and expert advice:**
  - Advisory Groups
  - European Technology Platforms
  - Open consultations
  - Workshops, expert meetings, etc
  - Consultation with other Commission directorate generals
- **Subject to opinion by Programme Committees (Member State representatives)**



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# Information

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