



NMP WORK PROGRAMME

Towards the next calls for proposals

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Nanotechnologies, Materials and Productions Theme (NMP)
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These slides have been prepared for information. The statements and views are those of the Author and do not necessarily reflect the official position of the European Commission nor imply under any circumstances its formal commitment or liability. Please refer to official documents: http://cordis.europa.eu/fp7/home_en.html





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Community research

- research funding
- education
- structuring / networking
- foresighting
- addressing non-technological bottlenecks

high technological risk à public funding

UNIVERSITIES

ERC (& FET)

COST

ERANET+

LIFE+

FP(NMP) calls

JTI PPP

CIP

EIT

R&D for SMEs

RSFF

«lead markets»

Non-technological
bottlenecks:
standards,
norms,
rules, capital...

EUREKA

National funds (& structural funds where the case)

ETPs

high industrial and commercial risk à private funding



SEVENTH FRAMEWORK
PROGRAMME



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FP7 Specific Programmes (2007 – 2013)

Cooperation – Collaborative research

Ideas – Frontier Research

People – Marie Curie Actions

Capacities – Research Capacity



JRC non-nuclear research

– JRC nuclear research

Euratom indirect actions – nuclear fusion and fission research



SEVENTH FRAMEWORK
PROGRAMME



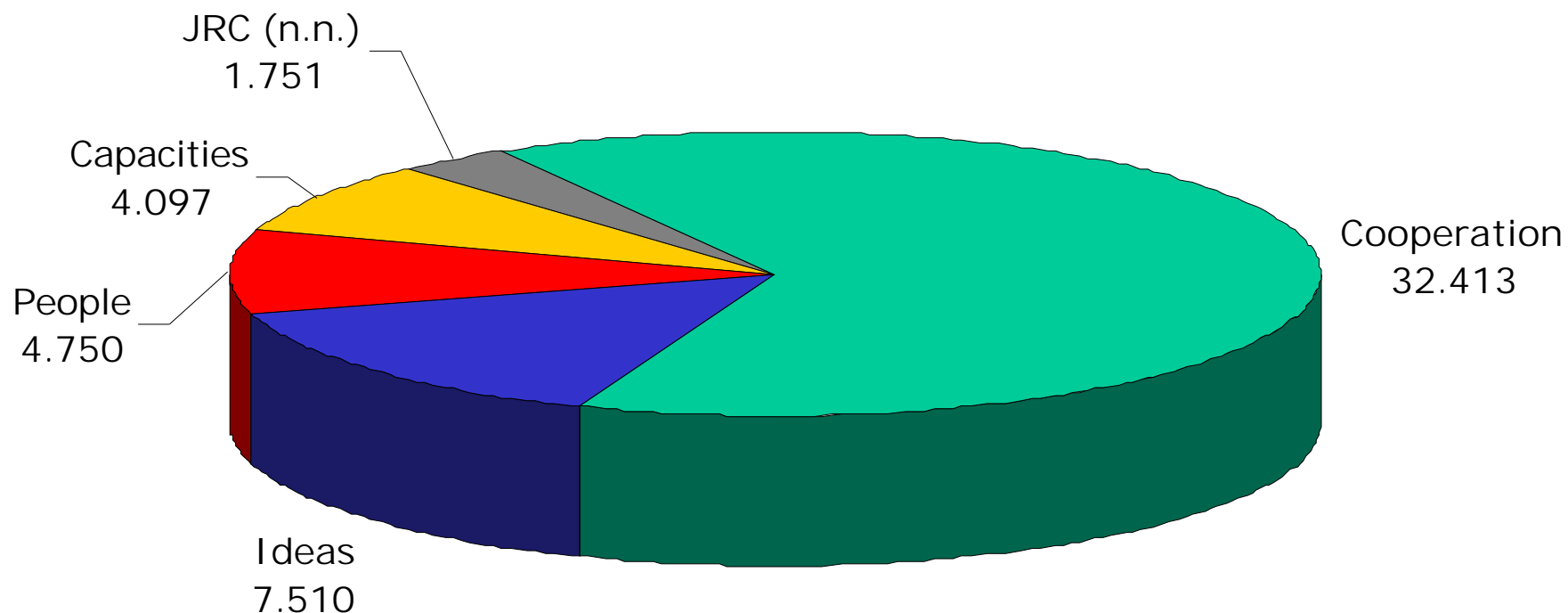
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FP7 budget

(in billion €, total 50.521

excluding EURATOM and the contributions from
Associated States)





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FP7 – SP Cooperation

10 Themes

(€million)

| | |
|---|--------|
| 1. Health | 6 100 |
| 2. Food, agriculture and fisheries, and biotechnology | 1 935 |
| 3. Information and communication technologies | 9 050 |
| 4. Nanotechnologies, materials and production (NMP) | 3 475 |
| 5. Energy | 2 350 |
| 6. Environment | 1 890 |
| 7. Transport | 4 160 |
| 8. Socioeconomic research | 623 |
| 9. Space | 1 430 |
| 10. Security | 1 400 |
| Total | 32 413 |

* Not including non-nuclear activities of the Joint Research Centre: €1 751 million



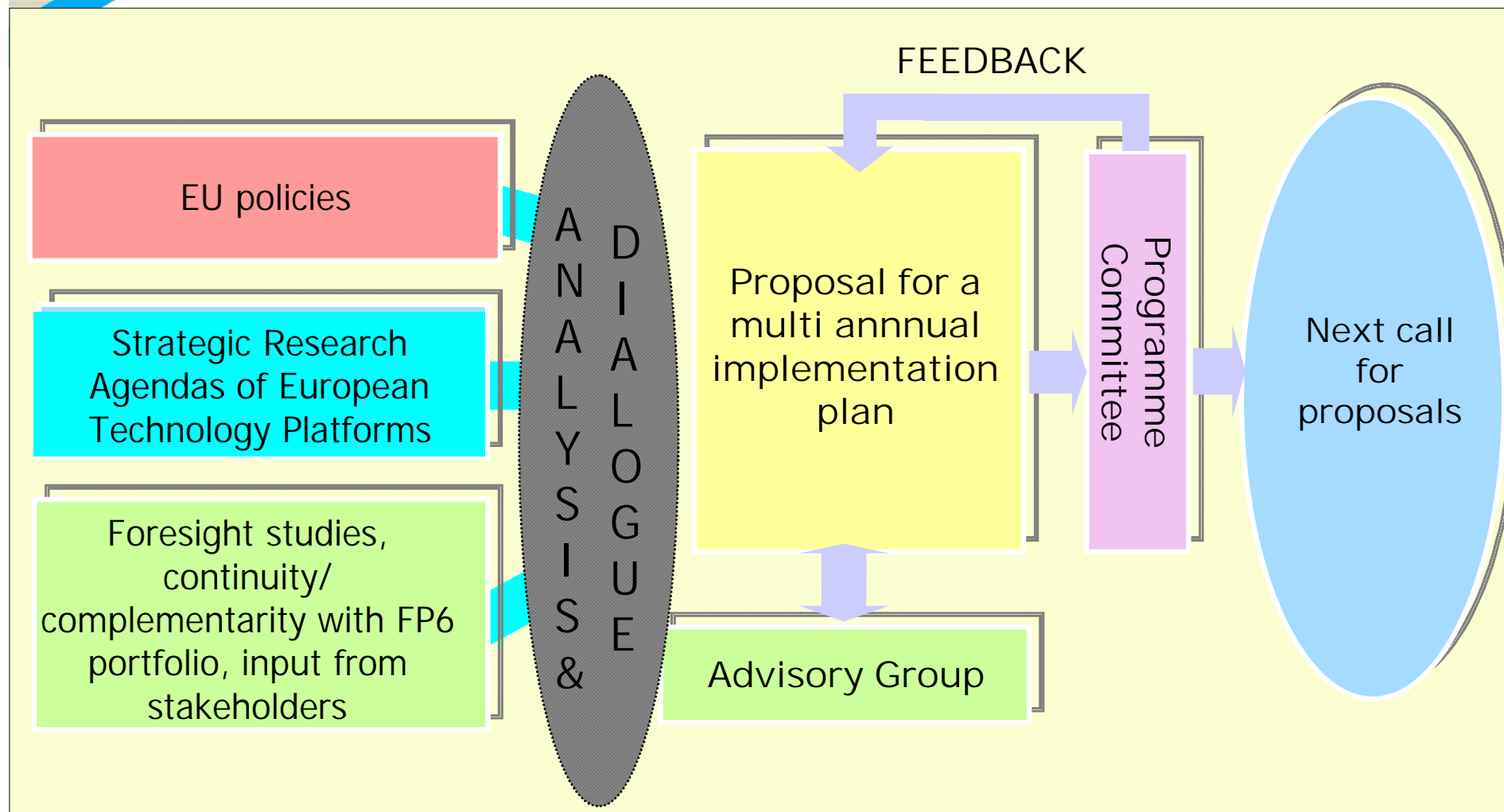


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The Seventh Framework Programme (FP7)

Workprogramme update builds upon many inputs

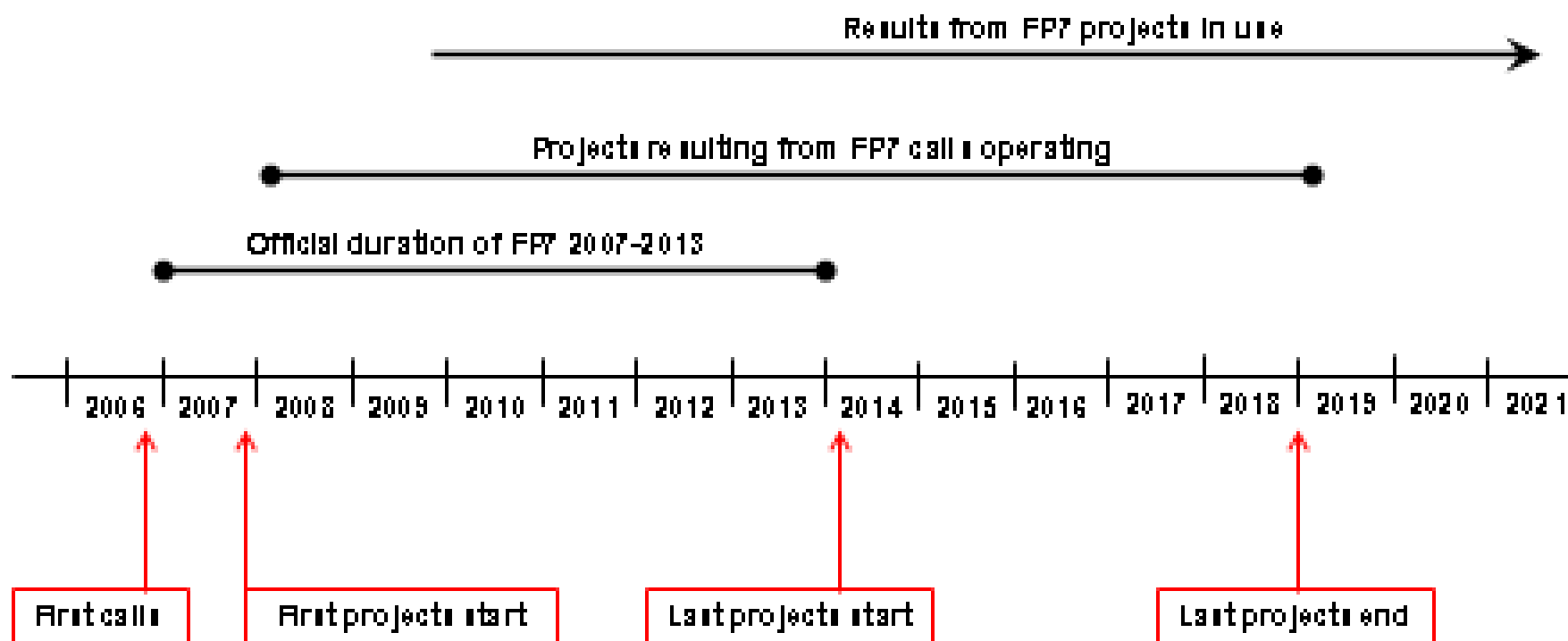




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Timeframe for FP7 projects





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The 2009 Recovery Plan

Adopted by the EC on 26 Nov 2008 and endorsed by the EU Council on 11-12 Dec 2008

- Includes 'smart investment' in research

'To support innovation in the manufacturing, construction and automotive sectors, which have recently seen demand plummet as a result of the crisis and which also face significant challenges in the transition to the green economy...'

- Three Public-Private Partnerships (PPPs)

Objective: to promote the convergence of public interest with industrial commitment and leadership in determining strategic research activities





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The 2009 Recovery Plan

The 3 Public Private Partnerships (PPPs) research activities:

“Factories of the future” initiative

Indicative budget: € 1.2 billion

“Energy-efficient buildings” initiative

Indicative budget : € 1 billion

“Green Cars” initiative

Indicative budget : € 1 billion

Funding by European Commission: ~50%

Budget committed over 4 years (2010-2013)

<http://ec.europa.eu/research/index.cfm?pg=newsalert&lg=en&year=2009&na=ppp-310309>





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Deadlines of future calls (draft)

end July 2009: expected publication of NMP WP 2010

Ø Collaborative projects (Small, SME)

- Closing date of First Stage Submission:
08 DEC 2009
10 page proposal: S&T content + expected impact
2 pages: consortium+estimated financial resources
- Provisional closing date for Second Stage Submission:
18 MAY 2010

Ø Coordination & Support Actions (CSA)

Closing date of Single Stage Submission:
2 FEB 2010





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Deadlines of future calls (draft)

Ø Coordinated Calls with USA & Mexico

(still in finalization with the concerned Countries)

Publication: 1 SEP 2009

Deadline: 31 DEC 2009

Ø Public-Private Partnership (PPP)

Publication: 30-31 LUG 2009 (single stage procedure)

Provisional Deadlines:

Factories of the Future (NMP): 3-4 NOV 2009

Energy Efficient Buildings (NMP): 3-4 NOV 2009

Green Cars (Joint call NMP-ENERGY-ENV-SST): 14 Jan 2010

Additional funding in the ICT workprogramme/calls.





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ØEuropean Technology Platforms (ETPs)

Contribute to defining visions, Strategic Research Agenda, roadmaps, in particular in research areas of special industrial relevance.

Universities played crucial role in defining the SRAs and (17% of stakeholders are from Universities).

31 ETPs have been launched, covering a wide range of technological challenges.

Most of these are reaching the implementation stage.

http://cordis.europa.eu/technology-platforms/individual_en.html





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Ø Joint Technology Initiatives (art. 169 of the Treaty)

Some ETPs SRAs are implemented through Joint Technology Initiatives (JTIs).

Open to industry, incl. SMEs, research institutes and universities.

| | <u>Estim. Budget</u> | <u>EU contr.</u> |
|---|----------------------|------------------|
| • Innovative Medicines Initiative (IMI) | 2 Billion € | 1 Billion € |
| • Embedded Computing Systems (ARTEMIS) | 2.7 Billion € | 0.4 Billion € |
| • Aeronautics and Air Transport (Clean Sky) | 1.6 Billion € | 0.8 Billion € |
| • Nanoelectronics Technologies 2020 (ENIAC) | 3 Billion € | 0.45 Billion € |
| • Hydrogen and Fuel Cells Initiative (FCH) | 0.940 Billion € | 0.47 Billion € |
| • Global Monitoring for Environment and Security (GMES) | | |
| – to be proposed in 2009 | | |



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Theme 4 information

- Cordis NMP activity service - **Calls info!**
http://cordis.europa.eu/fp7/cooperation/nanotechnology_en.html
- Industrial Technologies website
http://ec.europa.eu/research/industrial_technologies/index_en.html
- Commission Nanotechnologies homepage
<http://cordis.europa.eu/nanotechnology>



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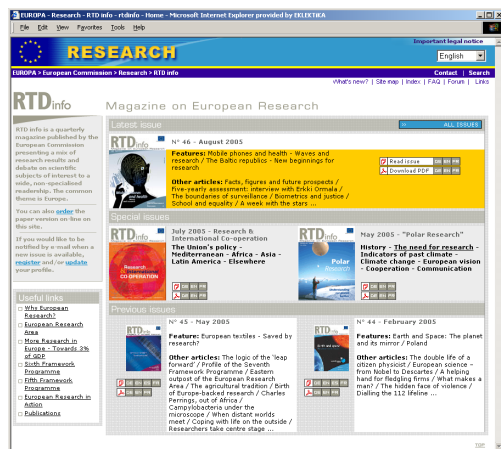


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General Information

- EU research:
<http://ec.europa.eu/research>
- Seventh Framework Programme:
http://ec.europa.eu/research/fp7/index_en.cfm
- Information on research programmes and projects:
<http://cordis.europa.eu/>
- RTD info magazine:
http://ec.europa.eu/research/rtdinfo/index_en.html
- Information requests:
<http://ec.europa.eu/research/enquiries/>



THANK YOU
FOR YOUR ATTENTION!

