



EUROPEAN
COMMISSION

Community research

RESEARCH INFRASTRUCTURES in FP7

**CARE Collaboration Meeting
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Definition of Research Infrastructures

- “Facilities”, “resources” or “services” that are needed by the research community to conduct research in all scientific and technological fields
- Covers: major equipments, collections, archives and structured information, enabling ICT-based infrastructures (GÉANT, Grids) and any other entity of a unique nature used for research



Research Infrastructures in FP7

- **General objectives:**

- ☞ to optimise the use and development of the best research infrastructures existing in Europe
- ☞ to help create in all fields of S & T new research infrastructures of pan-European interest needed by the European scientific community

- **Proposed budget:** 3,9 billion €



Activities in FP7

Support for:

- **Existing infrastructures**

- ☞ to optimise their use, performance and integration

- **New infrastructures (incl. major upgrades)**

- ☞ to help create in all fields of S & T new research infrastructures of pan-European interest needed by the scientific community

- **Emerging needs**

- ☞ to support the development of a European policy on research infrastructures and international cooperation



a) Support to existing infrastructures

- **Transnational Access:** to support opportunities of access to individual major infrastructures for transnational user groups
- **Integrating Activities:** to integrate the European infrastructures and promote their coherent use and development (networking + transnational access + joint research activities)
- **ICT based e-infrastructures:** to foster the development high-capacity and high-performance communication (GÉANT) and grid infrastructures



Implementation

- Bottom-up calls for proposals open to all fields of science
- Targeted calls in close cooperation with the thematic areas



b) Support to new research infrastructures

- **Design studies**
 - through a bottom-up approach
 - to support feasibility studies for new infrastructures

- **Construction of new infrastructures (incl. major upgrades)**
 - through a strategic approach based on the work conducted by the European Strategy Forum on Research Infrastructures (ESFRI) on the development of a European roadmap
 - implemented on the basis of Article 171 or specific decisions on the work programme



c) Emerging needs

- **Support measures for the development of**
 - a European policy for research infrastructures
 - international cooperation
- **through**
 - targeted approach
 - bottom-up approach



Construction of new infrastructures - further information-

A two-stage process:

- **The preparatory phase**

- restricted calls targeting priority projects identified on the ESFRI Roadmap

☞ to support the finalisation of the construction plans, of the legal organisation and of the management aspects

- **The construction phase**

- developed following the satisfactory implementation of the preparatory phase



Timetable for FP7 adoption

- **6 April 2005**
- **21 September 2005**
- **June 2006 ?**
- **November 2006 ?**
- **January 2007 ?**

FP7 proposal

Specific Prog. proposals

Adoption

First calls for proposals

Launch Conference



Useful links

- **Research Infrastructures on CORDIS (FP6)**
☞ <http://www.cordis.lu/infrastructures/>
- **ESFRI (European Strategy Forum for Research Unfrastructures)**
☞ <http://www.cordis.lu/esfri/>