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Research Infrastructures Upcoming call for proposals

FP7-INFRASTRUCTURES-2010-1

Brussels, 23 June 2009

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Call Coordinators

European Commission, DG Research, Directorate B, Unit B.3





Definition of Research Infrastructures

- **Facilities, resources, and related services used by the scientific community for**
 - ➔ **Conducting leading-edge research**
 - ➔ **Knowledge transmission, knowledge exchange and knowledge preservation**
- **They include**
 - ➔ **Major scientific equipment**
 - ➔ **Scientific collections, archives and structured information**
 - ➔ **ICT-based infrastructures**
 - ➔ **Entities of a unique nature, used for research**





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Online information

- **FP7 and Capacities Specific Programme**
 - ➔ <http://cordis.europa.eu/fp7/>
 - ➔ <http://cordis.europa.eu/fp7/capacities/>
- **Research Infrastructures on Europa website**
 - ➔ <http://ec.europa.eu/research/infrastructures>
- **ESFRI on CORDIS**
 - ➔ <http://cordis.europa.eu/esfri/>





Work Programme 2010 DG Research

Call for proposals: **FP7-INFRASTRUCTURES-2010-1**

➔ **Publication: 30 July 2009 / Deadline: 3 December 2009**

➔ **Indicative budget 217 M€**

1.1 Support to existing research infrastructures	
1.1.1 Integrating Activities	162 M€
1.1.2 ICT-based e-Infrastructures	
1.2 Support to new research infrastructures	
1.2.2 Construction of new infrastructures (or major upgrades) – Preparatory phase	45 M€
1.2.3 Construction of new infrastructures (or major upgrades) - Implementation phase	
1.3 Support to policy development and programme implementation (same title under Call 7 2010-2)	10 M€



Integrating Activity

- Continuation of the successful FP6 instrument “**I3**”
- Collaboration of **existing research infrastructures** in a given field of science
 - ➔ Normally all major RIs in Europe in one field
 - ➔ At least 3 EU Member States or Associated States
 - ➔ Third countries can join the Consortium with or without EC contribution
- Funding scheme: combination of **collaborative project & coordination and support actions (CP-CSA)**. Three types of activities are mandatory in such a project:
 - ➔ Networking Activities
 - ➔ **Trans-national Access** and/or Service Activities
 - ➔ Joint Research Activities



Networking Activities

- To foster a culture of **co-operation** between the research infrastructures and the related scientific communities
- Forms of activities:
 - ➔ Towards a common long-term **strategy** : foresight...
 - ➔ Towards **good practice**: exchange of personnel and visits, standards and quality...
 - ➔ Towards **the users**: training, feedback, coordination...
 - ➔ Towards **virtual research communities**: Websites, common software, databases, data management...
 - ➔ **Technical workshops**, forum, working groups and studies...





Trans-national Access and/or Service activities

- Provide **trans-national access (TA)** to researchers or research teams for one or more infrastructures among those operated by the participants
 - ➔ "Hands on" access
 - ➔ **Remote** access: provision of reference material, sample analysis...
- Provide research infrastructures related **services** to the scientific community
 - ➔ Access to scientific services freely available **through communication networks**, e.g. databases available on the web





Joint Research Activities

- **Explore new fundamental technologies or techniques underpinning the efficient and joint use of the participating research infrastructures**
To improve the services provided by the infrastructures (in quality and/or quantity)
- **Forms of activities:**
 - ➔ **Instrumentation / prototype development**
 - ➔ **Development of methods, protocols, standards...**
 - ➔ **Development of software, middleware, algorithms...**
 - ➔ **Database creation, upgrade, curation...**
 - ➔ **Development and curation of samples**





Support to policy development and programme implementation

Activities 1.3 includes:

“INFRA-2010-3.2: Studies, conferences and coordination actions supporting policy development, including **international cooperation**, for research infrastructures in all S&T fields.

[...]

- actions supporting **international cooperation** and policy initiatives related to research infrastructure projects at **global level** or with specific interest at **international level.**”





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Thank you

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23-06-09

