



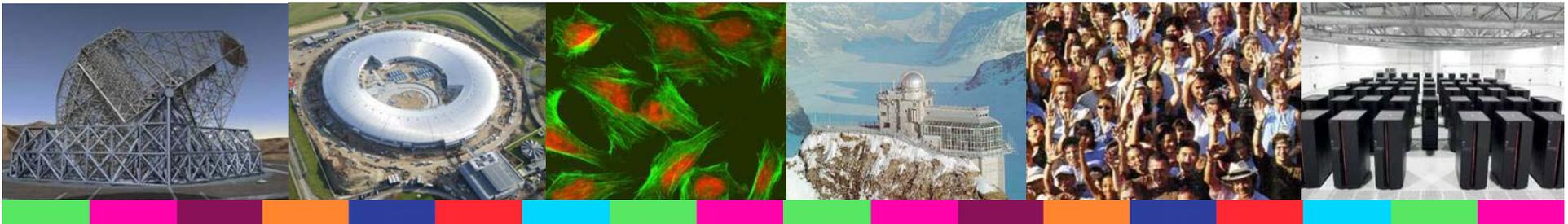
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FP7 Research Infrastructures Call for proposals

FP7-INFRASTRUCTURES-2012-1

European Commission, **DG Research**, Unit B.3
FP7 Capacities





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Definition of Research Infrastructures

The RI include:

- **Major scientific equipment** or set of instruments
- **Scientific collections, archives and structured information**
- **Enabling ICT-based “e-Infrastructures”**
- **Any other entity of a unique nature, used for research**

The RI can be:

- **“Single-sited” or “distributed”**

Subject to international review





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Objectives of the Community Research Infrastructures action

- To optimise the use and development of the best **research infrastructures existing** in Europe
- To create **new research infrastructures** of pan-European interest in all fields of S & T
- To support programme implementation and **policy development** (e.g. international cooperation)





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Innovation Union dimension in WP 2012

- Activities proposed will support RIs enabling researchers to
 - generate knowledge leading to new and more innovative products, processes and services
 - address societal challenges

- All projects will increase the potential for innovation of the involved RIs through a specific work package on innovation including:
 - activities to reinforce partnership with industry, e.g. transfer of knowledge and other dissemination activities,
 - activities to foster use by industrial researchers, involvement of industrial associations in consortia or in advisory bodies.

- WP 2012 directly addresses the following Innovation Union and Digital Agenda for Europe (DA) commitments:
 - N° 4: *Opening of Member State operated RIs to the full European user community*
 - N° 5: *To complete or launch the construction of 60% of the ESFRI projects by 2015*
 - N° 32: *To step up EU cooperation on the roll-out of the global RIs*
 - DA Key Action 9: *Leveraging more private investment* through the strategic use of pre-commercial procurement: the 3rd Construction- Implementation Phase of PRACE

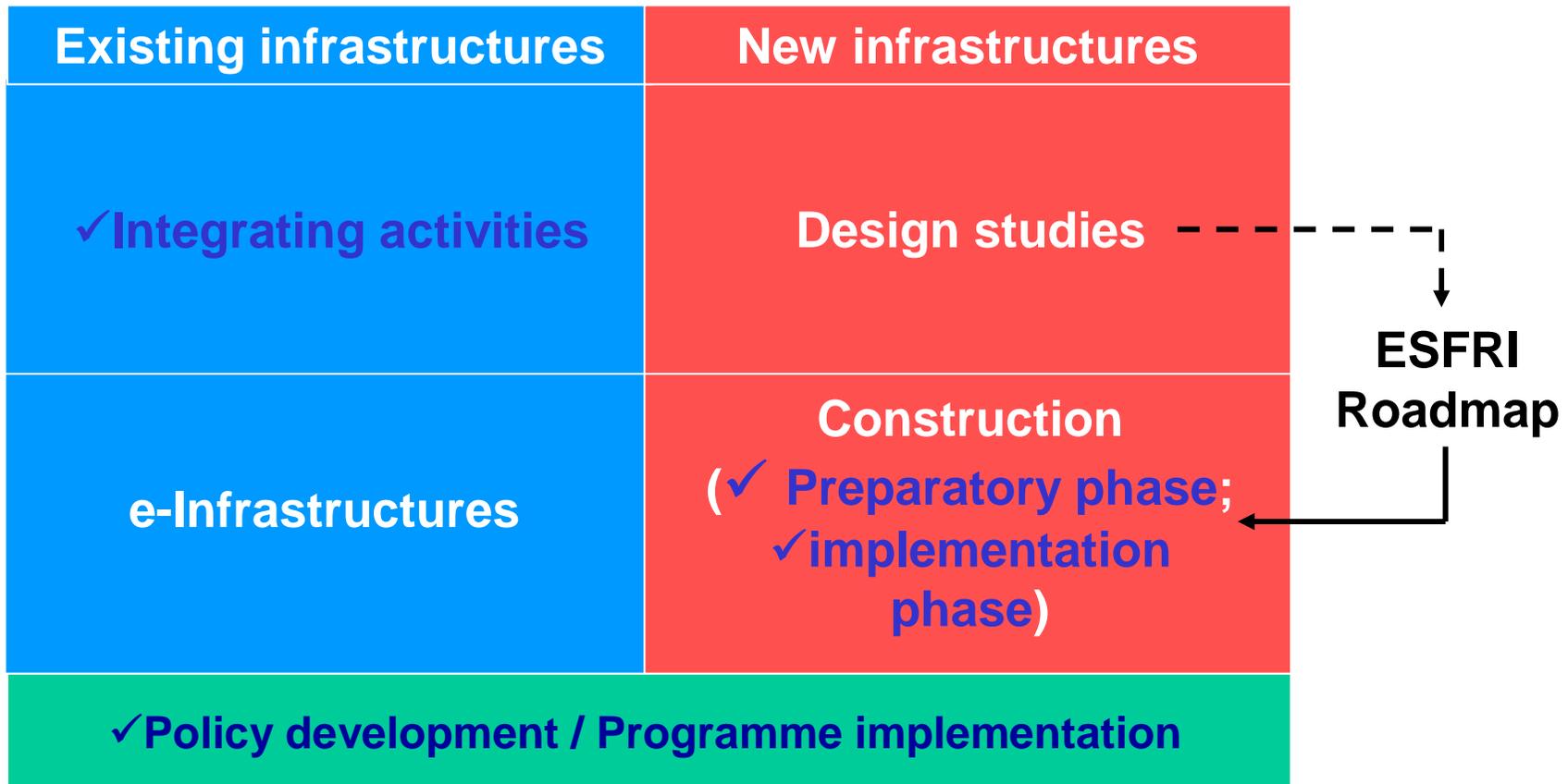




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FP7 Research Infrastructures action



(✓ call FP7-INFRASTRUCTURES-2012-1)





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Call budget

FP7-INFRASTRUCTURES-2012-1

Indicative total budget: **EUR 90.30 million (+78.5M€)**

+ 78.5 M€
(budget to be
added from 2013)

1.1 Support to existing research infrastructures

1.1.1 Integrating activities

~ 30.00 M€

1.2 Support to new research infrastructures

1.2.2 Construction of new infrastructures (or major upgrades) – preparatory phase

~ 22.30 M€

1.2.3 Construction of new infrastructures (or major upgrades) – Implementation phase

~ 20.00 M€

1.3 Support to policy development and programme implementation

~ 18.00 M€





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Indicative timetable

- **Date of publication** 20 July 2011
- **Deadline** 23 November 2011 17:00
(Brussels time)
- **Evaluation** Dec. 2011 – Feb. 2012
- **Evaluation results** March 2012
- **Launch of negotiation** May 2012
- **Signature grant agreements** from autumn 2012
- **Pre-financing** 45 days after signature
grant agreement
- **Starting date** to be negotiated

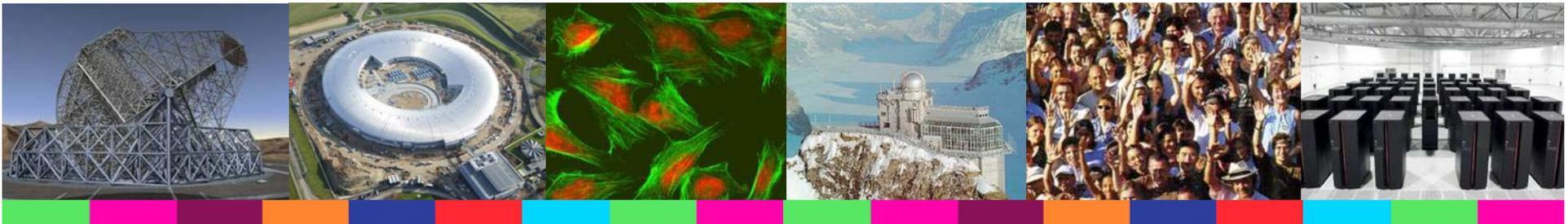




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Integrating activities





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Integrating activities

Objectives and activities

Objectives: bring together and integrate, on a European scale, key research infrastructures (RIs) **in a given class**, in order to promote their **coordinated use** and **development**.

➤ **Activities:**

- (1) Transnational **access** and/or **service** activities and
- (2) **Networking** activities,
- (3) **Joint research** activities

In line with the political context set out by Innovation Union a specific work package on innovation will be requested, whenever appropriate, in all Integrating Activities and Preparatory Phase projects.

Funding scheme: **CP-CSA** (combination of 'collaborative project' & 'coordination and support actions')





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Integrating activities

(1) Transnational access and/or service activities

**Objectives: to support scientific communities in their
access to the participating RIs**

- ***Transnational access and service activities:***

- To provide access 'free of charge'
- 'Hands-on' access or remote access (sample analysis...)
- To support access to scientific services freely available through communication networks e.g. databases available on the web
- Only services widely used by the community of European researchers will be supported

Support limited to 20% of the operating costs





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Integrating activities

(2) Networking activities

Objectives: to foster a culture of **cooperation** between the RI and scientific communities and help developing a more efficient and attractive **ERA**

- ***Networking activities :***

- Joint management of **access** provision...
- Definition and development of common **standards**, protocols, **databases**...
- Spreading of **good practices**, training to **new users**...
- **Coordination** with national or international initiatives...
- Promotion of **long-term sustainability**, involvement of funders, business plan...





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(3) Joint research activities

Objectives: to **improve** (in quality and/or quantity) the **services** provided by the RIs

→ Explore new fundamental technologies or approaches underpinning the **efficient** and **joint use** of the participating RI

● *Joint Research Activities:*

→ **Methodologies**, protocols, **instrumentation**, **software**...

→ Integration of infrastructures into **virtual facilities**...

→ Innovative solutions for **data** collection, management, curation and annotation...

→ Impacts on social, environmental and economic levels...





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Integrating activities

Eligibility and requirements

Eligibility conditions

- General criteria: deadline, completeness, relevance to topics...
- Min. 3 independent legal entities from 3 different MS or AC
- Max. requested EC funding: 10 M€
(warning: € 10.000.000,01 → proposal NOT eligible!)
- All 3 types of activities are **mandatory**: (1) transnational access and/or service, (2) networking, (3) joint research activities

Further recommendations

- Maximum 4 years
- One third of the EU contribution allocated to Access provision
- One proposal expected per topic, corresponding in general to a given class of RI





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Integrating activities

Targeted approach

- This call addresses **27 defined topics**, focusing on strategic priorities
- With topics for the potential follow-up of projects and with topics for the opening to new communities
- More topics than can be funded to ensure competition (around **15** projects expected to be selected)
- To develop synergies and complementarities between FP7 and cohesion policy, applicants are encouraged to check the operational programme for Structural Funds applicable in their regions and to contact the related managing authorities for complementary or alternative support

Topic codes: INFRA-2012-1.1.1,... INFRA-2012-1.1.27





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List of topics (5)

Physics and Astronomy

24. Accelerator physics

25. Research Infrastructures for optical/IR astronomy

26. Research Infrastructures for High-Resolution Solar Physics

27. Research Infrastructures for space weather

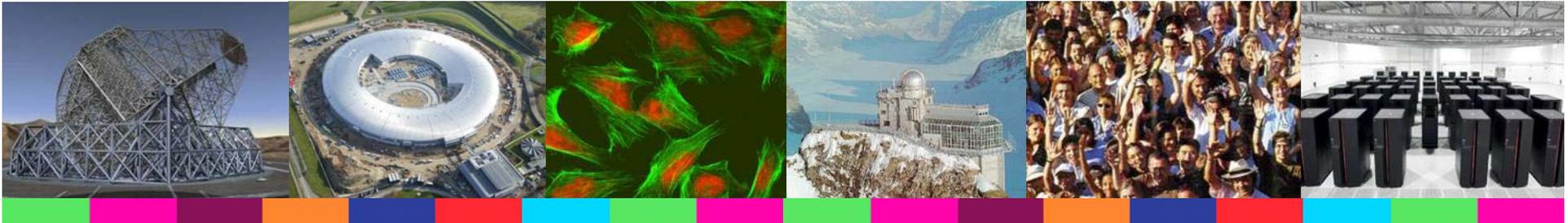




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For more information





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Essential documents

- **Work Programme (FP7 ‘Capacities’, Research Infrastructures, 2012) and ‘Call fiche’**
 - ➔ Detailed information on **objectives**, actions and budgets
 - ➔ List of **topics** (targeted approach)
 - ➔ Deadline, **eligibility conditions**, evaluation criteria and procedures, particular requirements
- **Guides for applicants**
 - ➔ Practical information on how to apply (**electronic submission of proposals only**)
 - ➔ **Specific to a call and a funding scheme**
 - ➔ Instructions for completing ‘part A’ (forms) and drafting ‘part B’ (text) of the proposal

*(on Participant Portal web site “FP7 Calls” tab, along with other useful documents
http://ec.europa.eu/research/participants/portal/page/fp7_calls)*





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Contact persons

National Contact Points

- http://cordis.europa.eu/fp7/get-support_en.html

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- Environmental sciences: *Agnes.Robin* or *Anna-Maria.Johansson*
- Energy: *Brigitte.Weiss* or *Teodora.Rusu*
- Materials/Analytical facilities: *Hugues.Crutzen* or *Christos.Profilis*
- Physics and Astronomy: *Christian.Kurrer* or *Elena.Righi-Steele*



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Other relevant 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/>

Thank you!

