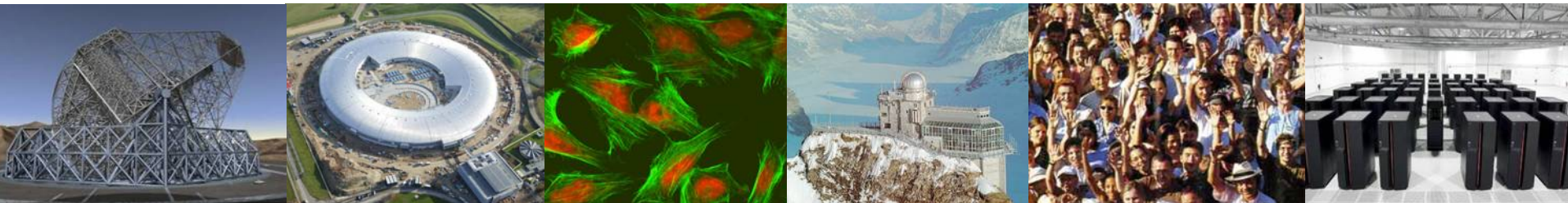


Research Infrastructures Content of Call 3

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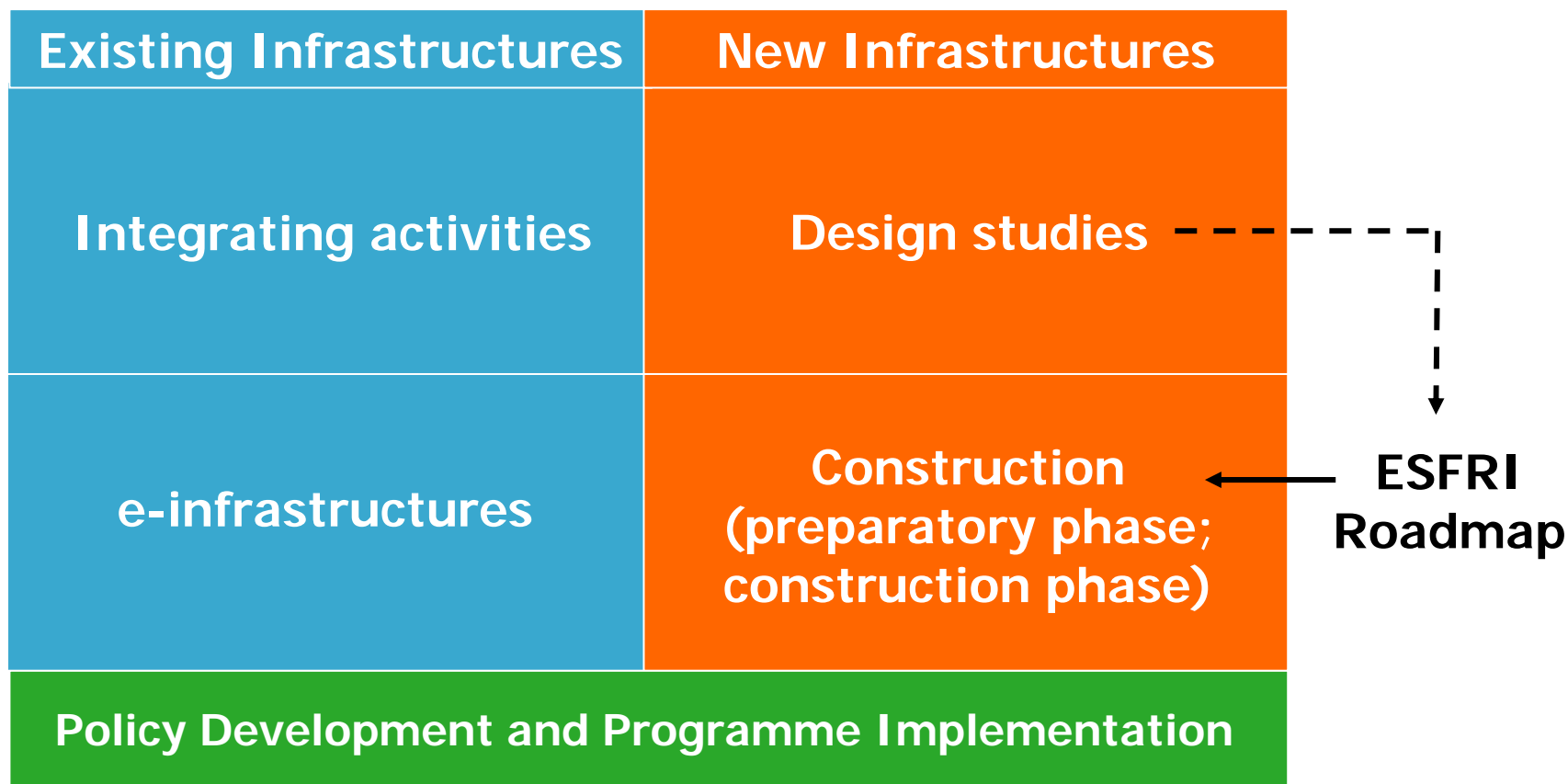


Content of presentation

- **Research infrastructures in FP7**
- **Integrating Activities in FP7**
- **Support for policy development in FP7**
- **FP7 call 3 outline**



FP7 Research Infrastructures in brief





Support to existing Research Infrastructures

- **Integrating Activities** to promote the coherence, use and development of research infrastructures in a given field, *implemented through:*
 - A **bottom-up** approach for proposals open to all fields of science
 - **Targeted** approach with topics defined in cooperation with the FP7 thematic areas
- *[ICT based e-infrastructures in support research]*

580 M€
2007-2013
Calls 3, 6, 7

420 M€ 2007-
2013
Calls 1, 2, 4, 5,
6,7



Integrating Activity in FP7

- Structure better and integrate, on a European scale, the way research infrastructures operate and develop
 - Normally all major RI's in Europe in **one field**
 - At least 3 MS or AS
- 3 types of activities in one project
 - Networking Activities
 - Trans-national Access
 - Joint Research Activities
- Based on the continuation of the successful FP6 instrument "**I3**"
- Project type: *combination of* collaborative project + coordination and support actions



(1) 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**: Web-sites, common softwares, databases, data management...
 - Setting up of **technical workshops**, forums, working groups and studies...



(2) Trans-national Access and/or Service activities

- Provide **trans-national access** to researchers or research teams to one or more infrastructures among those operated by the participants
 - ➔ "Hands on" access
 - ➔ **Remote** access: provision of reference material, sample analysis...
Remote access to distributed infrastructures: "trans-nationality" will not apply
- 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



(3) 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, algorithm; Database creation, upgrade, curation...
 - ➔ Development and curation of samples



New approach for Integrating Activities in FP7

- **Bottom up approach** for all fields of science (as in FP6)
- **New: targeted approach** to respond to identified strategic needs:
 - creating synergies and ensuring consistency with other parts of the Framework Programme,
 - in important fields currently not well covered,
 - Pilot exercise under FP7



Priority topics for RI's under the targeted approach

- Health (6)
 - Food, Agriculture and Biotechnology (4)
 - Information and Communication Technologies (3)
 - Nanosciences, Nanotechnologies and Materials (2)
 - Energy (5)
 - Environment (4)
 - Transport (2)
 - Socio-economic Sciences and Humanities (3)
- 29 priority topics for RI's in 8 fields of R&D
- No competition under the same topic but integration on a European scale



Expected size of an Integrating Activity under FP7 (1)

- Duration: **4 years** max
- EC contribution:
 - *Expected to be in the range of **3 to 10 M€**. Higher EC contribution possible only in well justified cases (e.g. facilities serving very large communities of users). Not foreseen to be more than 15 M€*
- Number of contractors:
 - Experience shows that a project with more than 20 contractors is difficult to manage
 - *Not all partners need to be contractors*



Expected size of an Integrating Activity under FP7 (2)

- What should be the normal balance of the activities?
 - Management : 5 to 10%
 - Networking activities : 15 to 20%
 - TA/service activities: 25 to 35%
 - Joint research activities: 35 to 45%
- *No fixed rule, « one size does not fit all »*



Support for Policy development and Programme implementation

- 65 M€ 2007-2013 (Calls 1, 2, 3, 5, 6, 7)
- Two main subjects for 2008:
 - ➔ ERA-NETs for research infrastructures
 - ➔ Studies, conferences and coordination actions for policy development, including international cooperation, in particular (for 2008):
 - *Studies on the regional impacts of research infrastructures*
 - *Impact studies referring to the ERA green paper*



FP7 Call 3 outline (1)

- For **Integrating Activities** and **Support to policy development and programme implementation**
- **Publication:** 30 November 2007
- **Closure:** 29 February 2008
- **Indicative budget for Integrating Activities:** 81.1 M€ (+ 192 M€ from the 2009 budget)
 - For both **bottom up** and **targeted approach**
- **Indicative budget for Policy dev^t:** 9 M€
- **Results within 4 months after closure date**
- **First contracts will come into force before the end of 2008**



FP7 Call 3 outline (2)

- **Procedure for evaluation**
 - remote + panel evaluation
 - **1 Panel organised in 5 thematic sub-panels***
 - Math., computer related sciences, analytical facilities
 - Physics, astronomy, nuclear & particle physics
 - Biomedical and life sciences
 - Environmental sciences and non-nuclear energy
 - Social sciences and humanities
- * Computer and data treatment experts in each sub-panel*
- **2 priority lists** (I3 and support measures)



Evaluation process

- **All FP7 proposals will be assessed according to the same three (3) criteria:**
 - ➔ **S/T quality** (threshold 3/5)
 - ➔ **Implementation** (threshold 3/5)
 - ➔ **Impact** (threshold 3/5)
- ➔ *Criteria are further specified in revised work programme and respective guides for applicants*
- **Experts:**
 - 5 experts to be used for evaluation of IAs : 3 scientists (1 specialist), 1 RI policy, 1 manager
 - 3 experts for Support measures



For further information

- **FP7 and Capacities Specific Programme**
http://cordis.europa.eu/fp7/home_en.html
http://cordis.europa.eu/fp7/capacities/home_en.html
- **Research Infrastructures on CORDIS (FP6)**
<http://cordis.europa.eu/infrastructures/>
- **Research Infrastructures in Europa**
<http://ec.europa.eu/research/infrastructures>
- **Grant Model Agreement**
http://cordis.europa.eu/fp7/calls-grant-agreement_en.html#standard_ga

Guides for applicants will be ready at the time of the call