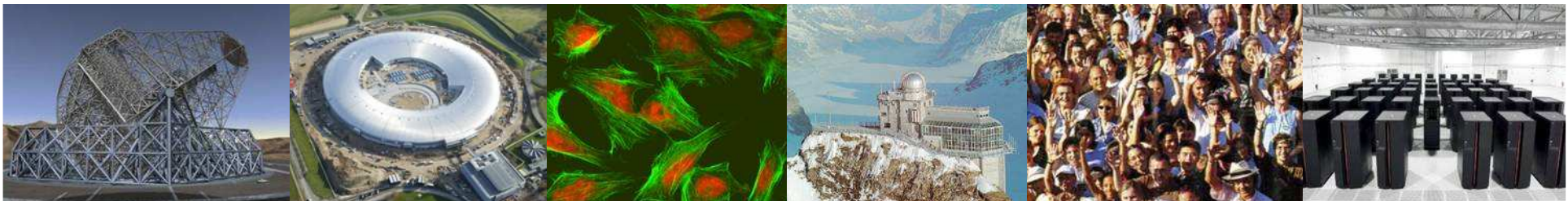


Research Infrastructures Integrating Activities under FP7 - Call 3

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25th October 2007



F A R I C R D L S H I G D A V V I L D V E Q L G I P E Q E Y S C V V K M P S G E F A R I C R D L S H I G D A V V I HsPCNA
F A R I C R D L A Q F S E S V V I L D Q E H L G I P E T D F S C V V R M P A M E F A R I C R D L A Q F S E S V V I DmPCNA
F S K I V R D L S Q L S D S I N I I D A D F L K I E E L Q Y D S T L S L P S S E F S K I V R D L S Q L S D S I N I ScPCNA



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Global figures for I3s in FP6 (DG RTD)

318 M€ for **32** contracts

623 contractors (~**400** independent contractors)

- **Research centres: 50 %**
- **Higher education organisations: 43 %**
- **Industries: 3 %**
- **Others: 4 %**

260 research infrastructures, with **346** facilities offering access

Number of expected users:

- **In person (« hands on »): 17 500**
- **Electronic, freely accessible: Several tens of thousands**
- **Remote scientific services: 300**
- **Electronic, with login: 8 000**





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Main characteristics of an average I3 in FP6

- **Average number of contractors: 19 of which 7 are offering access**
- **Average EC contribution: 10 M€**
 - **Management: 6%**
 - **Networking activities: 20%**
 - **Transnational access: 29%**
 - **Joint research activities: 45%**

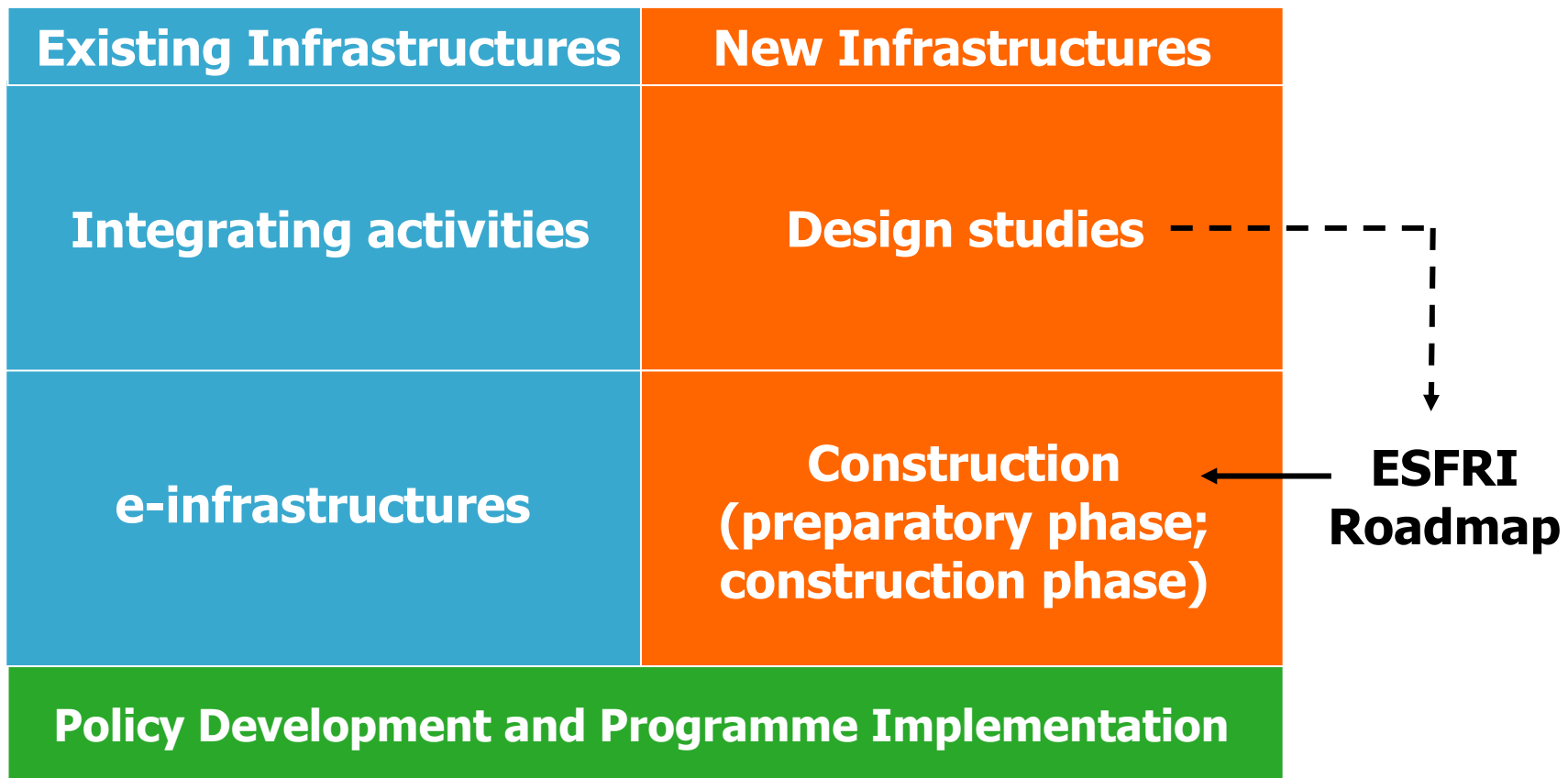




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FP7 Research Infrastructures in brief





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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





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Integrating Activity in FP7

- Collaboration of **existing research infrastructures** in a given field of science
 - Normally all major RI's in Europe in one field
 - At least 3 MS or AS
- Based on the continuation of the successful FP6 instrument "**I3**"
- 3 types of activities obligatory in one project
 - Networking Activities
 - Trans-national Access, service activities
 - Joint Research Activities
- Project type: *combination of* collaborative project + coordination and support actions





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(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...
 - **Technical workshops**, forums, working groups and studies...





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(2) Trans-national Access and/or Service activities (1)

- 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





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

- **Specific provisions for **trans-national access** activities are defined in Annex III to the Grant Agreement**
 - **Access costs = unit cost x quantity of access provided**
 - **An estimated unit cost will be specified in Annex I**
 - **EC financial contribution will be adjusted in the final financial statement (Form C) based on **real UC** (will not exceed 20% of costs of providing total access to the installation over the duration of the project)**
- **Specific provision for **access to services** freely available through communication networks are defined in Special Clause 17**
 - **EC financial contribution for **access costs** will not exceed 20% of operating costs incurred**





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(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**





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Financial issues in FP7

- **New terminology: Grant Agreement, Beneficiary, Funding Scheme, Certificate on Financial Statement(CFS)**
- **No CFS for beneficiaries below EURO 375.000**
- **New rules for direct costs: all beneficiaries report their real direct costs, upper funding limit of 50%/75% for RTD**
 - **And 100% for Coordination and Support Actions**
- **New rules for TA: actual costs**
- **Indirect costs – no cost reporting models**
 - **For CSA limited to 7%**
 - **For RTD actual overhead or simplified method or flat rate(20% or 60%)**



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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





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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**





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Expected size of an Integrating Activity under FP7

- **Duration: 4 years max**
- **EC contribution:**
 - *Expected to be in the range of 3 to 10 M€.
Higher contribution only in well justified cases,
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 partner need to be contractors*





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Expected size of an Integrating Activity under FP7 ctnd.

- **What should be the normal balance of activities?**
 - *Management 5-10%*
 - *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>





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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: 84.5 M€ (+ 192 M€ from the 2009 budget)**
 - For both **bottom up** and **targeted approach**
- **Indicative budget for Policy dev^t: 5 M€**
- **Results within 4 months after closure date**
- **First contracts will come into force before the end of 2008**



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FP7 Call 3 outline (2)

- **Procedure for evaluation**
 - remote + panel evaluation
 - **1 Panel organised in 5 thematic sub-panels***
 - Material sciences and energy
 - Physics, astronomy
 - Biomedical and life sciences
 - Environmental sciences
 - Social sciences and humanities
- * Computer and data treatment experts in each sub-panel*
- **2 priority lists**





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Evaluation Criteria

- **All FP7 proposals will be assessed according to 3 criteria:**
 - **S/T quality** (threshold 3/5)
 - **Implementation** (threshold 3/5)
 - **Impact** (threshold 3/5)
- **Overall threshold 10/15**
- **Those criteria will be further specified in the revised workprogramme and in the respective guides for applicants**





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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>

- **Guide to financial issues relating to FP7 indirect actions**

http://cordis.europa.eu/fp7/find-doc_en.html

- **Grant Model Agreement**

http://cordis.europa.eu/fp7/calls-grant-agreement_en.html#standard_ga



Planning of calls and indicative budget

Total operational budget 1665 M€	Call 1 2007	Call 2 2007	Call 3 2008	Call 4 2008	Call 5 2009	Call 6 2010	Call 7 2012
Integrating activities			277			x	x
e-Infrastructures	42	50		113	x		x
Design studies	31					x	
Construction – Support to the Preparatory Phase	147					x	
Construction – Support to the Implementation Phase	RSFF (200 M€) + 130 M€						
Policy Development and Programme Implementation	8	14	5		x	x	x
Total per call (M€)	228	64	282	113			

Planning of calls for integrating activities

