Maria Natália Dias Soeiro Cordeiro
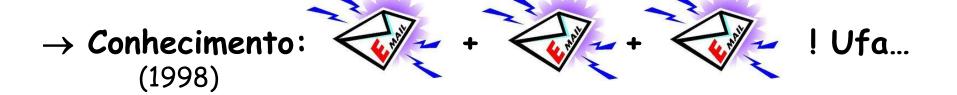
- Departamento de Química e Bioquímica – FCUP

- Professora de Química

- Áreas de investigação:

  Química Teórica / **Química Física**

  Medicina / **Química Farmacéutica** (métodos estatísticos)

ideas

cooperation

people

euratom

capacities

→ **Conhecimento:** + + ! Ufa...
   (1998)

→ **Inscrição:** https://cordis.europa.eu/emmfp7/index.cfm

(Submeter CV e aguardar)

→ **Contacto CE:** e
   (2000)

E sim, é um serviço remunerado !

capacities

Fui seleccionada para avaliar (2008)

Existing Infrastructures
Integrating activities

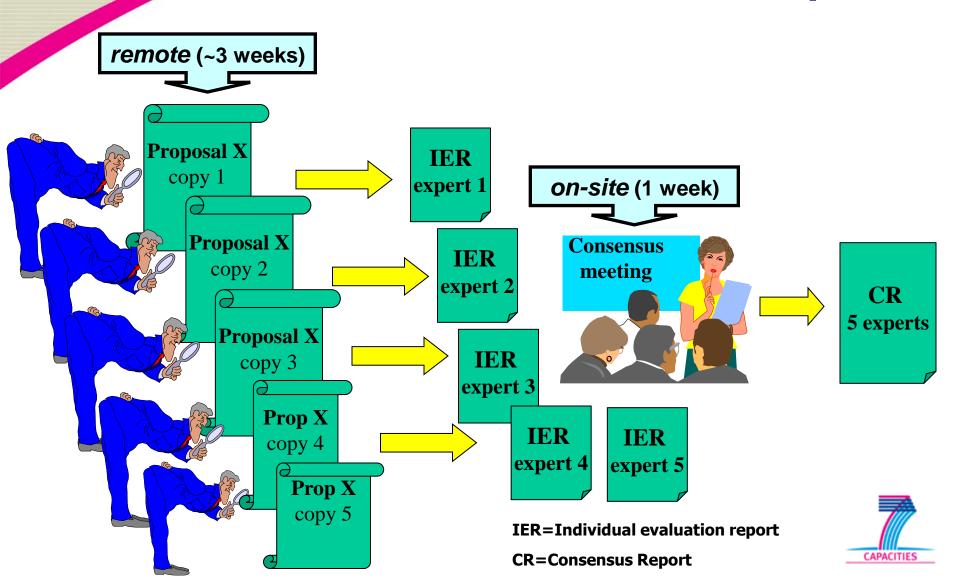**Support to existing research infrastructures**

- **INFRA-2008-1.1.1:** **Bottom-up approach: Integrating Activities in all S&T fields.**

- **INFRA-2008-1.1.2.x:** **Targeted approach: Integrating Activities to support the specific needs of thematic priority areas.**

5 parallel thematic sub-panels (IAs)

- **Social sciences and humanities, ERA-NET and other support measures** (8)

- **Environmental sciences and non-nuclear energy** (34)

- **Biomedical and life sciences** (38) ⬅ (**11** ✉)

- **Mathematics, Analytical Facilities (applied research), engineering and Computer related Sciences** (40)

- **Physics, Astronomy, Nuclear- and Particle Physics** (17)

Evaluation Criteria

- All FP7 proposals assessed according to 3 criteria:
  - → **S/T quality**
  - → **Implementation**
  - → **Impact**
- Evaluation scores awarded for each of the 3 criteria
- Each criterion scored out of five, but half marks might be given. The scores:
  - → **0 - the proposal fails to address the criterion**
  - → **1 - very poor**
  - → **2 – poor**
  - → **3 – fair**
  - → **4 – very good**
  - → **5 – excellent**

Evaluation Criteria

- **S/T quality relevant to the topics of the call**
  - → **Soundness of concept and quality of objectives**
  - → **Progress beyond state of the art**
  - → **Quality & effectiveness of the methodology**
  - → **Quality & effectiveness of the various activites and their associated workplan**
- **Implementation**
  - → **Appropriateness of management structure & procedures**
  - → **Quality of individual participants & of consortium**
  - → **Appropriateness of allocation and justification of resources**
- **Impact**
  - → **Contribution towards structuring the ERA and optimising the use and development of best research infrastructures in Europe**
  - → **Appropriateness of measures for the dissemination and/or exploitation of projects results**
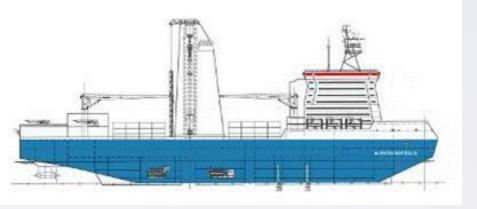
Evaluation Criteria

Please notice, that thresholds are set:

> ➔ **3** **for each individual criterion**
> ➔ **10** **for the sum of individual scores**

Proposals that fail to achieve one of these thresholds scores → rejected !

- **Available budget: 273 M€ / Asked: 1096 M€**

- **Rougly *ca.* 25% to be approved**

Definition and scope of Research Infrastructures

- **Facilities, resources, and related services used by the scientific community for**
  - ➢ **Conducting leading-edge research**
  - ➢ **Knowledge transmission, knowledge exchanges and knowledge preservation**
- **Can be single-sited, distributed, virtual**
- **Includes Major scientific equipment, Scientific collections, archives and structured information and e-Infrastructure (ICT-based Research Infrastructures)**

The objectives of the Research Infrastructures action under FP7

- **Optimising the use and development of the best existing research infrastructures in Europe**

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

- **Supporting programme implementation and policy development (e.g. international cooperation)**

Integrating Activities- strategy and purpose

- **Structure better and integrate, on a European scale, the way research infrastructures operate and develop**
- **3 types of activities in one project**
    - ➔ **(1) *Networking Activities***
    - ➔ **(2) *Trans-national Access and/or service activities***
    - ➔ **(3) *Joint Research Activities***
- **Bottom up approach for all fields of science**
- **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**

(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…**
- **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**

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€*

Hints:

- **Strong Partners**
  (Coordinators: ~ 30 FR; 25 DE; 20 UK; 15 IT)
  (Participants: ~ 350 DE; 250 UK; 200 FR; 150 IT; 100 ES v NL)
- **Infrastrutures of pan-European interest**
- **Cooperation (foster or new)**
- **Training & Access → Research**

¿ **Experiência positiva/benéfica** ?

Obrigada pela vossa atenção

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