



Community research

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**ARGONA End Users Conference  
Uppsala, 17-18 March 2009**

## **Euratom Research and Training Programme**

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## EU funded research

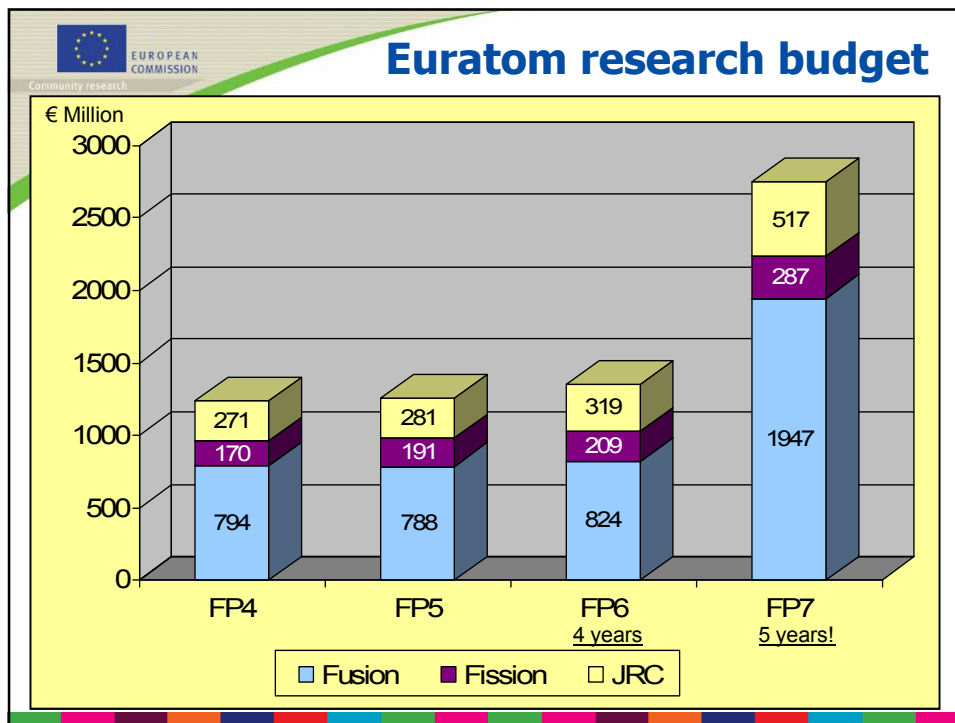
- Implemented through multi-annual framework programmes – currently **FP7**
- Nuclear research: falls under the scope of Euratom treaty ⇒ **Euratom programmes** (for 5 years only)
- Non-nuclear research: falls under the scope of EC Treaty ⇒ **EC programmes**



## EU research budget: Euratom & EC FP7

- **Euratom programme €2 751 m (2007-11)**
  - Fusion Energy Research €1 947 m
  - **Nuclear Fission and Radiation Protection €287 m**
  - JRC Nuclear Research Activities €517 m
- **EC programme €50 521 m (2007-13)**
  - Cooperation €32 413 m
  - Ideas €7 510 m
  - People €4 750 m
  - Capacities €4 097 m
  - JRC EC Programme €1 751 m






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## Euratom FPs "Fission"

- Multi-annual Euratom framework programmes: FP5 (1998-2002), FP6 (2002-2006), FP7 (2007-2011)
- Projects selected for funding via calls for proposals (annual WORK PROGRAMMES, published in the O.J.)
- Proposals evaluated by independent experts
- Most projects are co-financed (in principle 50% max of eligible costs)



## Euratom FPs "Fission": Areas covered

- **Management of radioactive waste**
  - geological disposal, including governance
  - P&T
- **Radiation protection**
  - risk from low doses, medical uses of radiation
  - emergency management
- **Reactor systems**
  - nuclear installation safety
  - advanced nuclear systems
- **Key cross-cutting activities**
  - research infrastructures
  - human resources, mobility & training



## Governance on nuclear issues: part of Euratom FPs "Fission"

- Socio-political issues (e.g. NIMBY) recognised as being on the critical path to move forward with radioactive waste management solutions
- Hence, scope of Euratom Framework Programme (FP5, 6 & 7) broadened to include governance / public acceptance **related to geological disposal in particular**
- Coordination with other activities (DG-Energy & Transport, NEA's Forum of Stakeholder Confidence, etc.)



## Governance projects

- **Several projects on governance on RWM launched in FP5 & FP6:**

RISCOM, TRUSTNET, COWAM & COWAM-2, OBRA, CIP, **ARGONA** (last 2 still in progress)

Total EC funding > €4M

- Links established among the three most recent projects (OBRA, CIP and ARGONA); joint portal created

***<http://www.radwastegovernance.eu/>***



## Benefits of governance projects

- Practices identified, challenges/pitfalls mapped
- Involvement of recognised experts and use of mediation and facilitation techniques
- Emphasis on improving dialogue between all stakeholders (local/national platforms set up in some countries)
  - transparency, participation and democratic processes
- Outcomes include
  - better understanding of issues by all stakeholders (not only technical issues)
  - improved connections in the RWM community involving in particular the role and needs of local stakeholders



## Governance research in Euratom FP7 "Fission"

- **Objective of Euratom FP7 on RWM:**  
implementation-oriented R&D on all remaining key aspects
  - Activities include: „**investigation of governance and societal issues related to public acceptance**“
  - Budget for RWM (GD) topics: ca 8-10 mil €/y (for 5 years)
- **Governance research possible, if need is identified**



## Euratom FP7 "Fission": Criteria for new topics in future calls

**Identification of**  
*remaining key research issues, knowledge gaps, type of instruments*

**Based on:**

- outcome of FP6 research projects
- topics and intermediate results from FP7 ongoing projects
- exchange of information and cooperation with international organisations (IAEA, OECD-NEA) and non-EU countries
- **Inputs from TECHNOLOGY PLATFORMS (Sustainable nuclear energy TP; TP on geological disposal)**
- EURADWASTE 2008 & FISA 2009





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## Forthcoming research events with Euratom involvement

**Research Connection 2009**  
7-8 May 2009, Prague

**Sustainable development: a challenge for  
European research**  
26-28 May 2009, Brussels

More info on: <http://ec.europa.eu/research/>

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*Thank you for your attention!*

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