The Role of Member States in Trans-National Research and Innovation

Examples of the Era-Nets ERABUILD and Eracobuild
ERA-NET Activities

A step by step approach is proposed

ERA-NETs may include the following activities to foster coordination and cooperation between programmes:

1. Systematic exchange of information & best practice
2. Definition and preparation of joint activities
3. Implementation of joint activities
4. Funding of transnational research
EBST - National Agency for Enterprise and Construction “Digital Construction”

Tekes – Finnish Funding Agency for Technology and Innovation, coordinator “Sara” & “Cube”

1. BMBF - German Federal Ministry of Education and Research
2. TÜV – Management Systems GmbH “Building and Housing”

1. Formas - The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning
2. BIC - Swedish Construction Sector Innovation Centre “Sustainable Buildings”

1. Ministère de l'équipement, des transports, du logement, du tourisme et de la mer
2. CSTB - Centre Scientifique et Technique du Batiment “Sustainable Building”

1. BMVIT - Austrian Federal Ministry of Transport, Innovation and Technology
2. FFG - Austrian Research Promotion Agency
3. Ögut - Austrian Society for Environment and Technology “Building of tomorrow”

SenterNovem “Compass”
Erabuild – research projects

National Funding Bodies

Era-Net project

Funding

RTD project

Companies
Universities
ERABUILD – Results from Joint Calls

Calls for Proposals

• Joint Call for Proposals on "Information Technology in Construction"
  – 4 projects funded
  – Participation from Sweden, Finland, Austria and France

• Joint Call for Proposals on "Industrialisation" Transformation of the construction sector through industrialisation
  – 8 projects funded
  – Participation from Austria, Denmark, Finland, France, Sweden

• Joint Call for Proposals on "Performance and benchmarking in Real Estate and Construction"
  – 3 projects funded
  – Participation from Denmark, Finland, NICE, Sweden
Results from Joint Calls

Calls for Tender

• Joint Call for Tender on "Use of RFID Technology in Construction"
  – Contract with Danish Technology Institute
  – Funded by Denmark, UK, Sweden and Finland

• Joint Call for Tender "BIM IFC"
  – Contract with SINTEF
  – Funded by Denmark, Finland, Netherlands, Norway, Sweden

• Joint Call for Tender on ”Sustainable renovation”
  – Winner: TU Delft
  – Funded by Austria, Finland, France, Germany, Netherlands, Sweden, Switzerland, UK
From 10 countries in ERABUILD

To 21 countries in Eracobuild
(17 EU + 4 Associated + 1 Region)

Consortium

18 partners

34 partners

Eracobuild: “Strategic Networking of RDI Programmes in Construction and Operation of Buildings”

Claudia Dankl
4.10.2011
Consortium

21 countries in Eracobuild
17 EU countries
+ 4 Associated
+ 1 Region

Claudia Dankl
4.10.2011
<table>
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<tr>
<th>Participant organisation name</th>
<th>Country</th>
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<tr>
<td>CSTB, MEDDM</td>
<td>France</td>
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<td>BIS, TSB</td>
<td>United Kingdom</td>
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Eracobuild: “Strategic Networking of RDI Programmes in Construction and Operation of Buildings”  
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Eracobuild objectives

Eracobuild focusses on **strengthening and deepening the co-operation** in the consortium on five levels:

1. **Development of integral strategies on construction and operation of buildings**, integrating economic, environmental and research policies
2. **Creating a structured dialogue** between regional and national policymakers
3. **Enhancing and launching joint activities** between on-going programmes (e.g. in trans-national programmes) on relevant topics
4. **Advising national governments and the European Commission** on how to further incorporate tools and improve boundary conditions for trans-national co-operation
5. **Bridging the gap between** R&D and practice

Eracobuild: “Strategic Networking of RDI Programmes in Construction and Operation of Buildings”

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4.10.2011
Towards a durable implementation

GLOBAL INPUTS
- National governments
- SRAs (ETPs)
- Analyses
- EC and global policies

OUTPUTS = national funding on R&D&I
- Joint actions
- Joint actions (programmes)
- Joint actions Eranet Plus

External funding required

TIME

Eracobuild: "Strategic Networking of RDI Programmes in Construction and Operation of Buildings"
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4.10.2011
WP 5 Communication, Dissemination and Research Culture

WP 1 Strategy
Networking
Trends, Needs and Priorities
Durable Implementation

WP 2 Joint Programming
Plug in Partnering
State of the art Studies
Define Programme Framework
Era-Net+

WP 3 Joint activity Implementation
Joint calls, i.e.
- Sustainable Renovation
- Value Driven processes
Clustering
Pre normative investigations
Industrial research

WP 4 Learning & improving

WP 6 Project management

Eracobuild: “Strategic Networking of RDI Programmes in Construction and Operation of Buildings”
Eracobuild has defined two thematic frameworks for transnational cooperation:

- **Sustainable renovation**
  (improving the building quality and energy efficiency of the existing European building stock)

- **Value driven processes**
  (improving supply chain and client integration and adding value to the processes and outcomes of the sector)
Eracobuild joint calls

Value Driven Processes
• Publication date: June 5, 2009
• Closing date: September 15, 2009 at 14:00 (CET)
• Funding decision: End of 2009, 3 projects funded

Sustainable Renovation I
• Publication date: November 2009
• Closing date: February 28, 2010 at 15:00 (CET)
• Funding decisions: May-June 2010, 7 projects funded

Sustainable Renovation II
• Publication date: February 2011
• Closing date: May 31, 2011 at 15:00 (CET)
• Funding decisions: September 2011, 4 projects chosen for funding
Thank you for your attention

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