National – European dimensions

European interest
- FP7
- Strengthen European competitiveness
- Global leadership in r&d

Eurabuild
- Increase networking and coordination
- Efficiency in research
- Sharing resources

National interest

Erabuild - Eurekabuild

Eurabuild

Project
Project
Project

Eurekabuild

Project
Project
Project
Project
ETPs and Erabuild

“Where to go?”

ETPs → Vision → SRA → Implementation (JTI, IP, ...)

\[ \downarrow \text{Contents} \downarrow \quad \uparrow \text{National funding} \]

\[ \text{(Industry view)} \]

Erabuild → Transnational programme
(Platform for collaboration using national funding)

“How to get there?”

Tekes
Partners

- Tekes – Finnish Funding Agency for Technology and Innovation, coordinator
- BMVIT - Austrian Federal Ministry of Transport, Innovation and Technology
- ÖGUT - Austrian Society for Environment and Technology
- EBST - National Agency for Enterprise and Construction
- CSTB - Centre Scientifique et Technique du Batiment
- BMBF - German Federal Ministry of Education and Research
- TÜV Rheinland Consulting GmbH

- RCN – The Research Council of Norway
- SenterNovem
- MEC - The Education and Science Ministry
- CDTI - Centro para el Desarrollo Tecnológico Industrial
- Formas - The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning
- BIC - Swedish Construction Sector Innovation Centre
- SFOE – Swiss Federal Office of Energy
- Basler & Hofmann
- DTI - Department of Trade and Industry

Aim of the Erabuild project

- Programme owners and managers co-operate and collaborate effectively

- Scope: Operation and Construction of Buildings
Results from Joint Calls

- Joint Call for Proposals on “Managing Information in Construction”
  - Call opened April, closed July 2005
  - 8 proposals submitted
  - 4 projects selected in October 2005
  - Total volume 1,1 M€
  - Funding from Erabuild partners 0,72 M€
  - Sweden, Finland, Austria and France

- Joint Call for Proposals on “Industrialisation”
  - Call opened April, closed July 2006
  - 15 proposals submitted
  - 8 projects selected in October 2006
  - Total volume 4,7 M€
  - Funding from Erabuild partners 2,6 M€
  - Denmark, Sweden, France, Finland, Austria

Open Joint Call for proposal

- Benchmarking and Performance Indicators in Real Estate and Construction
- Call launched March 2007, closes June 13, 2007
- Denmark, Finland, Sweden, NICE
- Funding available 2,4 M€
- More information available at www.erabuild.net/call//
Trans-national programmes

- Programmes with national funding
  - Common interest, common objectives
  - Strategy driven
  - Additional national activities
- Working on two themes
  - Sustainable renovation
  - Value driven process
    - Enhance the competitiveness of the leading actors of the sector by transforming the way of working
- Plans available at the end of 2007

Objective
Enhance the competitiveness of the leading actors of the sector, by:

- Transforming the way of working
  - Lifecycle value creating rather than low cost focus
  - Meeting functional requirements and not detailed technical specifications
  - Meeting targets on cost, time and quality
  - Increasing knowledge about performance of buildings
  - Increasing value for money spent
  - Raising the ambition on sustainability
  - Creating innovation capacity
  - Developing the human capital
  - Improving working environment
Goals

- Reducing investment with 30%
- Reducing Life Cycle Cost with 50%
- Reducing time of delivery with 50%
- Raising the level of best practice in sustainability
- Raising the level of best practice in user satisfaction index
- Zero delays, cost overruns and faults
- Zero accidents

Benefits of Erabuild to industry and research

- A bridge between national and European research
- Joint calls - Easy and flexible funding for international collaboration
- Major break through activities on European level - Trans-national programmes
Benefits of Erabuild to national funding body

- Learning from each other's policies, practices, programmes, ...
- Increase the impact of research on construction
  - Avoid overlapping research – coordination of national programmes
  - Increase synergies of national activities
  - Focusing on key / world class competences
  - Involve also SMEs
- Increased overall research activities and quality of research in Construction
- An effort to transform the real estate and construction cluster
- Create competitive edge for European construction sector
  - European research is fragmented compared to e.g. U.S., China, Japan - a threat of losing competitiveness

How to get involved?

- Joint calls
- Trans-national programmes
- Partner
  - Funding bodies
  - Programme owners
  - Programme managers
Thank You!
www.erabuild.net

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