



ERABUILD

Strategic cooperation
between national programmes promoting
sustainable construction and operation of buildings



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Mika Lautanala**



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EBST - National Agency for
Enterprise and Construction
"Digital Construction"



DTI - Department of Trade and
Industry
"Avanti"



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"



SenterNovem
"Compass"

Tekes – National Technology
Agency, coordinator
"Sara" & "Cube"



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



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"



Programmes involved



Programme	ERABUILD										Volume	
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		2010
Sara - Finland					Vera		Sara					6 M€/ a
Cube - Finland					Cube							6 M€/ a
Building of Tomorrow - Austria							Building of Tomorrow					3 M€/ a
Digital Construction - Denmark					Digital Construction							1,4 M€/a
Sustainable Building - France							Sustainable Building					11 M€/a
Building and Housing - Germany							Building and Housing					12 M€/ a
Compass - Netherlands						Compass		Compass				16 M€/ a
Sustainable Buildings - Sweden					Env. and eco cycles - TBoF		Sustainable Buildings					6 M€/ a
Avanti - UK							Avanti					1 M€/ a

> 60 M€/ a



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Aim of the Erabuild project

- Programme owners and managers co-operate and collaborate effectively
- Scope: Operation and Construction of Buildings



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Activities

- Collect information and analyse programmes involved
- Testing various forms of cooperation; gather experience
- Implementation of trans-national activities
- Expansion of the network

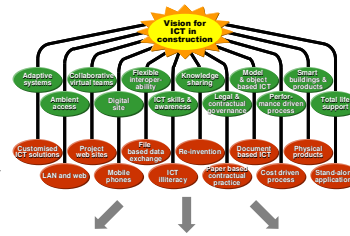


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Strat-CON: Strategic Actions for Realising the Vision of ICT in Construction

- Background:
 - Construction sector characterised by one-of-a-kind production.
 - ROADCON project offered baseline ICT vision and set of 12 roadmaps
- Objectives of Strat-CON:
 - Refine and validate ROADCON vision and roadmap for ICT in construction
 - Identify strategic actions for realising vision of ICT in construction
 - Validate strategic actions and provide guidelines for implementation
- Key Results:
 - Vision and roadmap for ICT in construction
 - Strategic actions for ICT in construction
 - Guidelines for implementation of strategic actions
- Implementation and Exploitation:
 - New research projects, strategic directions
 - New technology programmes
 - New strategic projects, inter-enterprise collaboration
 - Etc.



Title	Short project title
Keywords	4-5 main keywords
Problem/Issue (why)	What is the main problem the project will try and resolve
Objectives (what)	Measurable and tangible objectives
Approach (how)	Approach to be used... may be broken down in the form of WPs or tasks
Tools	Tools & standards; ICT infra; Applications; Business Processes
Phases	Research; Development; Validation; Deployment; Dissemination
Technologies	Main technologies to be developed/used
Business process change	List of potential changes/implementation of new business processes
Impacts	Main expected achievements/impacts at organisational/societal level
Inhibiting factors	What may be the potential inhibiting factors: technological/societal
Participants (who)	Types of participants: Industry; ICT vendors; Research institutes/Universities
Duration	What is the appropriate duration to achieve this project
Resources	Identify estimated resources
Follow-up Actions	List here follow-up actions in terms of technology developments, etc.

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National – European dimensions

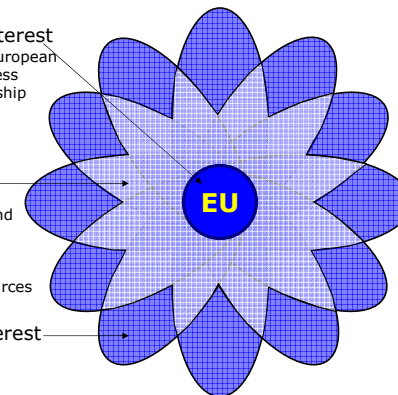
European interest

- Strengthen European competitiveness
- Global leadership in R&D

Erabuild

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

National interest



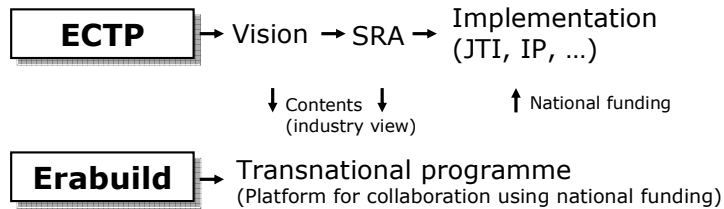
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ECTP and Erabuild

"Where to go?"



"How to get there?"



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Erabuild and ECTP

- Erabuild:
 - Network of programme owners and programme managers
 - Public, national funding organisations
- ECTP
 - Industry and research
 - Medium and long term
 - Vision => Strategic Research Agenda => Roadmap
- Both
 - European Research Area
 - Lisbon goals (r&d expenditure > 3%)
 - Europe's future growth, competitiveness and sustainable objectives

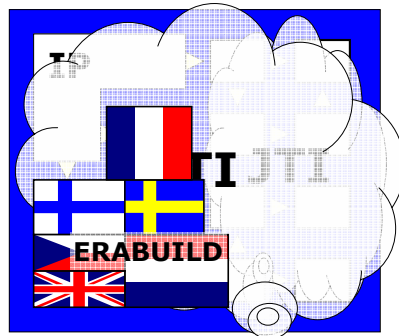


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Implementation of Strategic Research Agenda in ECTP



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Why should you be interested?

- Implementing SRA of ECTP
- Starting major activities in construction r&d
 - Majority of public funds are national
- More impact to r&d
- Joint calls
- Trans-national programme
- Flexible and fast reacting funding
- Contacts
 - Through national public funding bodies
 - To find best players in Europe in your project



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Thank You!

www.erabuild.net



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