EUREKA umbrella project
EUREKABUILD

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EUREKABUILD Technical Committee
EurekaBuild initiative

to improve the participation
of NTPs and SMEs
in construction related research projects

Eureka is Europe’s oldest joint research initiative
(1985)
To enhance competitiveness
Flexible and decentralised networks
Eureka projects
Eureka umbrellas

www.eureka.be
www.ectp.org
www.ectp.org/eurekabuild.asp
What is a EUREKA project?

EUREKA projects are:
- Bottom-up - proposed, defined and managed by its partners
- International – with partners from at least two of EUREKA’s 38 members
- Industry-led
- Market-oriented - Developing hi-tech products, processes and services for the market
- Funded on a National basis
38 members of EUREKA

- Austria
- Belgium
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- European Union
- Finland
- France
- Germany
- Greece
- Hungary
- Iceland
- Ireland
- Israel
- Italy
- Latvia
- Lithuania
- Luxembourg
- Malta
- Monaco
- The Netherlands
- Norway
- Poland
- Portugal
- Romania
- Russia
- San Marino
- Serbia
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- Turkey
- Ukraine
- United Kingdom

National Information Points (NIP)
- Albania
- Bulgaria

Associated Country
- Morocco

- EUREKA members
- EUREKA NIP countries
- EUREKA Chairmanship*
- EUREKA Associated Country
National spend on EUREKA projects in relation to GDP

All figures correct June 2006
Market oriented

- EUREKA addresses applied - not fundamental - research projects

- The result of a EUREKA project must be a marketable product, process or service
Positioning of EUREKA on International R&D Scene

European Cooperation in R&D

**Precompetitive**

Idea

- Top down
- EC supervision
- Large central funding
- Results property of EC and partners

**Close to market**

Market

- Bottom up
- Business agreements
- Smaller, coordinated national funding
- Results property of partners
Some statistics

Since 1985, 25 billion euro of public-private investment has been mobilised to support some 2,800 EUREKA projects

All figures correct June 2006
EUREKA projects in figures

- Number of running projects: 700
- Total budget for these projects: 1.7 billion €
- Number of organisations involved in EUREKA projects: 2760
Who participates in EUREKA projects?

Nearly 13,000 partners from across Europe – and beyond

All figures correct June 2006
Eureka Programme

Projects
- Attractive administrative procedures
- Fast (proposal > project)
- Close to the market
- Attractive to SME involvement
- Funding on national basis – challenge: different between the countries

Umbrella
- To generate ideas and to facilitate proposals
EUREKA has developed in two different directions

- An effective and efficient tool for SMEs
- An arena for European strategic R&D initiatives, mainly in the ITC sector
The two pillars of EUREKA

- Strategic initiatives
- Individual projects
1. Strategic initiatives

- Two categories:
  - Clusters
  - Umbrellas
1a. Clusters

- Long-term, strategically-significant initiatives
- Large number of participants, many from Europe’s major companies (eg Philips, Infineon)
- Develop generic technologies of key importance for European competitiveness
1b. Umbrellas

- Thematic network of public authorities and sectoral experts
- Their objective is the generation of EUREKA projects
- Fields of activity: manufacturing, logistics, food & feed, digital content …
1b. Umbrellas

FACTORY
EUROENVIRON
EUROAGRI+
EUREKA TOURISM
LOGCHAIN+
EULASNET II
ECONTEC
INNOFISK
ENIWEP
EUREKABUILD

Production technologies
Environmental R&D
Agriculture, food and feed
IT-Technologies for tourism
Freight chains and logistics
Laser & optics applications
Digital content
Innovative aquaculture
Industrial wear prevention
Construction technology
Among other Tools

- To implement R&D&I projects to achieve the vision 2030 by
- Exploiting all existing mechanisms and instruments
  - EU FP7 (European level and European funding)
  - ERANET (coordination of national programmes in international cooperation)
  - COST
  - CIP
  - Eureka (European level, national funding)
Main Funding Opportunities in 2007

7th Framework Programme FP7

- ICT
- NMP
- ENERGY
- ENVIRONMENT
- TRANSPORT

RTD projects on top-down topics

ERABUILD
Joint calls for international RTD projects in national programmes

EUREKA
EUREKABUILD
RTD projects on bottom-up topics

Competitiveness and Innovation Framework Programme CIP

- Entrepreneurship and Innovation (EIP)
- ICT Policy Support
- Intelligent Energy-Europe (IEE)

Demonstrations & take-up actions
The ECTP did an excellent job

- Vision 2030
- Strategic Research Agenda
- Priorities
- Implementation Plan

To serve

- Society
- Economy
- Technology
Challenge

Create and maintain **momentum** to real 

Research, 

Development and 

Innovation

“Research needs money, Innovation needs a culture”
The reason that EurekaBuild exists

Find partners
Learn to work together
Develop technology/solutions together
Getting into the market
Create added value from innovation
Turn the SRA into Action – Goals

Results in 2009

- 15 International events
- Each leading to 10 proposals

Conclusion

- The EurekaBuild umbrella delivers the ECTP 150 proposals for R&D&I with massive SME participation
Core Activity

Brokerage events
- To connect people for ideas, proposals and projects
<table>
<thead>
<tr>
<th>Year</th>
<th>Month</th>
<th>Theme</th>
<th>Host</th>
<th>Date</th>
<th>Place</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>Jan</td>
<td>Networks, towards a reliable and public infrastructure</td>
<td>NL NTP</td>
<td>22-23 Jan 2007</td>
<td>Rotterdam, The Netherlands</td>
</tr>
<tr>
<td>2007</td>
<td>May</td>
<td>ICT and new integrated processes</td>
<td>NordicTP's</td>
<td>7-8 May 2007</td>
<td>Oslo, Norway</td>
</tr>
<tr>
<td>2007</td>
<td>May</td>
<td>Cultural heritage: towards a sustainable built environment and a living cultural heritage</td>
<td>Greek TNP</td>
<td>21-22 May 2007</td>
<td>Athens, Greece</td>
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<tr>
<td>2007</td>
<td>June</td>
<td>Materials: advanced building materials and technologies</td>
<td>Czech NTP</td>
<td>4 June 2007</td>
<td>Telč, Czech Republic</td>
</tr>
<tr>
<td></td>
<td>Nov</td>
<td>Nanomaterials and Nanotechnologies for Construction Applications</td>
<td>Spanish NTP</td>
<td>5-6 November 2007</td>
<td>Valencia/Spain</td>
</tr>
<tr>
<td>Year</td>
<td>Month</td>
<td>Event</td>
<td>Location</td>
<td>Date</td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>-------------</td>
<td>------------------------------</td>
<td>-----------------</td>
<td>----------------</td>
<td></td>
</tr>
<tr>
<td>2008</td>
<td>Jan</td>
<td>ICT</td>
<td>Poland</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Apr</td>
<td>Energy Efficient Construction</td>
<td>Lithuania</td>
<td>April 2008</td>
<td></td>
</tr>
<tr>
<td></td>
<td>May - June</td>
<td>Cultural Heritage</td>
<td>Slovenia</td>
<td>June 2008</td>
<td></td>
</tr>
<tr>
<td></td>
<td>May</td>
<td>Networks</td>
<td>Croatia = Dubrovnik</td>
<td>23-25 May 2008</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oct</td>
<td>to be confirmed</td>
<td>UK</td>
<td>October 2008</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>London</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Approach

- Brokerage Events
  - To connect people
  - To generate ideas
  - To find people to endorse ideas

- Information
  - Eureka
  - ECTP

- Content
  - Based upon the ECTP SRA

- Procedure
  - How to launch a project
Project Portfolio Preparation

Define main Topic areas

Collect RDI Project ideas

Integrate & make complementary

Form consortium Define scope

Prepare and submit proposal

Application to EUREKA And for National Funding
Crucial elements in a brokerage event

- Market for match making, including a poster exhibition
- Opportunity for brief dedicated workshops, round table discussions
- Presentations with visions. Starting point societal needs leading to technological solutions, providing the audience a perspective to the future but also enthusiasm.
- General information on the processes and platforms.
What happens in a brokerage event?

- Present ideas
- Connect people with similar and/or complementary ideas
- Support by Eureka officers
- Submit the idea format
- By seeing each other and talking together
Preferred Commitment

- Focus Area Groups
- branches and their organisations
- professional associations
- NTPs
- national agencies
- innovation platforms
- other, other
The real challenge

- From proposals to projects
  - Follow up from idea to proposal and finally to an awarded project
Idea to project – why not?

- RTO / university → have idea, but there is no dedicated industrial partner involved in the proposal, no user commitment
- Industrial proposer → easy to write a 1-2 page idea for a good meeting, but without being part of core business and company strategy it gets no further
- How do we change this?
# Workshops until now

<table>
<thead>
<tr>
<th>Date</th>
<th>Host</th>
<th>Theme</th>
<th>Participants</th>
<th>Proposals</th>
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</thead>
<tbody>
<tr>
<td>Jan 2007</td>
<td>Rotterdam</td>
<td>Networks</td>
<td>75 (15)</td>
<td>31</td>
</tr>
<tr>
<td>May 2007</td>
<td>Oslo</td>
<td>ICT</td>
<td>42 (26)</td>
<td>9</td>
</tr>
<tr>
<td>May 2007</td>
<td>Athens</td>
<td>Cultural heritage</td>
<td>105 (38)</td>
<td>28</td>
</tr>
<tr>
<td>June 2007</td>
<td>Telč</td>
<td>Advanced materials</td>
<td>58</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(10 countries)</td>
<td></td>
</tr>
<tr>
<td>Nov 2007</td>
<td>Valencia</td>
<td>Nanomaterials and technologies</td>
<td>90</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(12 countries)</td>
<td></td>
</tr>
<tr>
<td>Jan 2008</td>
<td>Poznan</td>
<td>ICT &amp; commercializing</td>
<td>40</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(8 countries)</td>
<td></td>
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</table>
What should happen after the events?

<table>
<thead>
<tr>
<th>Number of project ideas on the web site</th>
<th>Number of projects approved and running</th>
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</thead>
<tbody>
<tr>
<td>83</td>
<td>4</td>
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</table>
# EUREKABUILD projects running

<table>
<thead>
<tr>
<th>#</th>
<th>Project</th>
<th>MEURO</th>
<th>Countries</th>
<th>RTO, Univ</th>
<th>Large, SMEs</th>
</tr>
</thead>
<tbody>
<tr>
<td>E! 4065</td>
<td>SULABU (Pre-fab plate for railway lines)</td>
<td>3,75</td>
<td>Spain Check Rep</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>E! 3972</td>
<td>GEOSUITE2 (Software for geo-design)</td>
<td>3</td>
<td>Norway Sweden</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>E! 4078</td>
<td>STABCON (Stabilisation &amp; solidification of contaminated sediments..)</td>
<td>3,55</td>
<td>Sweden Norway</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>E! 3479</td>
<td>NANOCRETE (Photo catalytic concrete surfaces)</td>
<td>1,5</td>
<td>Finland Sweden</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>
**Newsletter 1: the process**

1. **GET AN IDEA**
   - Visit [ECP website](#) to consult Strategic Research Agenda and priorities defined for the construction sector
   - Attend the EurekaBuild workshop to get an idea or join the consortium

2. **PRESENT YOUR PROJECT IDEA**
   - define goals and objectives of your idea
   - send the project form to EurekaBuild secretariat
   - your idea will be published at EurekaBuild website, introduced to EurekaBuild partners and published in a newsletter
   - attend the EurekaBuild workshop to promote your idea or join the consortium
   - declare your willingness to submit your idea at Eureka website

3. **SET UP A PROJECT PARTNERSHIP**
   - EUREKA projects has to be realized by participants from at least two EUREKA member states
   - to find a partner you can contact your Eureka NPC or EurekaBuild Secretariat

4. **SECURE FINANCING FROM EACH PARTICIPANT**
   - find out national funding schemes at EurekaBuild website
   - recognize financing support from a national programme by contact with your NPC
   - secure financing from a private source

5. **PREPARE A PROJECT PROPOSAL TOGETHER WITH YOUR PROJECT PARTNER(S) AND SUBMIT IT TO EUREKA**
   - download Eureka project application form and fill in goals, budget and timescale of the project
   - create and sign a consortium agreement
   - send the completed project form to the EUREKA National Project Coordinator (NPC) in your country (each partner has to send the application form to NPC in his own country)

6. **VERIFICATION OF THE PROJECT BY NPC**
   - the NPC of each participating country examines the application to make sure that the proposal meets the philosophy and criteria for EUREKA which are:
     - participation from at least two EUREKA member states
     - participation of R&D which leads to an innovative product, process or service
     - the project cannot be dedicated to the military subjects
     - financing of all contributions to the project must be secure

7. **PROJECT APPROVAL AND COMMENCE**
   - the project which fulfills the EUREKA criteria is recommended by NPC to EUREKA High Level Group (HLG) – the body authorized to grant EUREKA status
   - the project granted by EUREKA HLG can officially begin

8. **PROJECT ANNOUNCEMENT**
   - the application process formally concludes with a ceremonious “announcement” of the new project at the next conference of ministers responsible for EUREKA
Supporting the process

Stage

Idea / initiative

Project definition and partnering

From proposal to project

Responsible

Initiator

Intended project leader

Appointed project leader

Broker or match maker

Key advisors

National NTP

National and foreign NTP Funding bodies FA leaders

NTP’s NUP’s and NPC

- FA leaders
- NTP’s
- NUP’s and NPC

Notable institutions or organizations involved:

- National NTP
- National and foreign NTP
- Funding bodies
- FA leaders
- NTP’s NUP’s and NPC
Eurekabuild Partners

- Austria
- Belgium
- Croatia
- Czech Rep.
- Denmark
- Finland
- France
- Greece
- Iceland
- Lithuania
- Netherlands
- Norway
- Poland
- Portugal
- Slovenia
- Spain
- Sweden
- Switzerland
- UK

2006 - 2009
EurekaBuild Projects

- Ideas looking for partners

You can consult our list of ideas looking for partners and download these ideas (Zip - 2 Mb).
The EUREKABUILD web-site

- Projects approved
- Project ideas looking for partners
- Key persons (NUP and NUS) in each country
- EUREKABUILD TC contact persons
- Announcement of brokerage events/workshops
- Workshop reports
- Various news
- Log in via [www.ectp.org](http://www.ectp.org)
- Or [www.eureka.be](http://www.eureka.be)
E!3790 EurekaBuild
secretariat.ectp@cstb.fr
www.ectp.org/eurekabuild2.asp