EUREKA
and its Manufacturing Technology Sector

ProFactory2 Brokerage Event

Doing business through technology

www.eurekanetwork.org
EUREKA : 25 Years of R&D support

> EUREKA is a public network supporting R&D-performing businesses
> Established in 1985 by French President Mitterrand and German Chancellor Kohl

EUREKA is :

• Intergovernmental initiative
  (39 Members - EU 27, European Commission + 11 other European countries)

• Financed using two main sources: national public and private funding
  - national research and innovation funds
  - investment by industry in R & D & I

• Market-oriented
  (Projects must result in a marketable product, process or service)

• Bottom-up
  (The consortium decides on the project aim. No thematic restriction)

Since 1985, 29 billion euro of public-private investment has been mobilised to support some 4000 EUREKA projects

Doing business through technology

www.eurekanetwork.org
40 EUREKA Member Countries

Austria  | Belgium  | Bulgaria  | Croatia  | Cyprus  |
---|---|---|---|---|
Estonia  | European Union  | Finland  | France  | Former Yugoslav republic of Macedonia  |
---|---|---|---|---|
Germany  | Greece  | Hungary  | Iceland  | Ireland  |
---|---|---|---|---|
Israel  | Italy  | Latvia  | Lithuania  | Luxembourg  |
---|---|---|---|---|
Malta  | Monaco  | The Netherlands  | Norway  | Poland  |
---|---|---|---|---|
Portugal  | Romania  | Russian Federation  | San Marino  | Serbia  |
---|---|---|---|---|
Slovakia  | Slovenia  | Spain  | Sweden  | Switzerland  |
---|---|---|---|---|
Turkey  | Ukraine  | United Kingdom  | www.eurekanetwork.org  |
Some History

- Established in 1985
- An initiative of French President Mitterand and German Chancellor Kohl
- 18 countries and the European Union
EUREKA is a Partner of choice for private investors

It supports:

- Highly-innovative SMEs
- Market-relevant projects
- Internationally-minded teams
- Projects are always pre-screened

Doing business through technology

www.eurekanetwork.org
The EUREKA project consortium decides:

> the way a project comes together
> the end result

The consortium is close to the market, so can be flexible and respond quickly to market change.
EUREKA: 4 Project Types

**Cluster Projects**
- Medium-term, strategically-significant initiatives
- Large number of participants, many from Europe’s major companies
- Develop generic technologies of key importance to European competitiveness

**Individual Projects**
- Small, shorter-term projects
- Involve participants from at least two member countries
- Result in a product, process or service with a significant advance in their sector

**Eurostars Projects**
- Small, short-term projects, involving participants from at least two member countries
- Consortium leader is an R&D-performing SME
- Programmed jointly with the European Commission

**Umbrellas**
- Thematic networks which focus on a specific technology area or business sector.
- Facilitate the generation of EUREKA projects in its own target area.
EUREKA Clusters

- Long-term, strategically-significant initiatives
- Large number of participants, many from Europe’s major companies (e.g. Philips, Infineon)
- Develop generic technologies of key importance to European competitiveness
Individual Projects

- Small, short-term projects
- Ready-to-market results
- Involve participants from at least two member countries
- Result in a product, process or service representing a significant advance in their sector
The Eurostars Programme

The Eurostars Programme is the first European funding and support programme to be specifically dedicated to R&D performing SMEs.


Combining:

> National R&D programmes from 31 participating countries
  (300+ million euro already committed)
> Seventh Framework Programme (+/-100 million euro committed)
> EUREKA Secretariat
  (25 years of experience in coordination of national R&D programmes)

Two calls for proposals per year

Doing business through technology www.eurekanetwork.org
EUREKA Umbrellas

- Thematic networks of public authorities and sectoral experts

- Their objective is to generate EUREKA projects

- Fields of activity: manufacturing, construction, logistics, food and feed, surface, tourism

Doing business through technology  www.eurekanetwork.org
EUREKA Umbrellas

> ProFACTORY2: Production Technologies

> EuroAgri FoodChain: Agriculture, Food and Feed, Bio-Economy

> EUREKABUILD2: Construction Technology

> EUREKA TOURISM: IT Technologies for Tourism

> E!-Surf: Surface Technology

Doing business through technology www.eurekanetwork.org
Production Technologies

> Design and Modeling / Prototypes
> Industrial Manufacture
> Process Control and Logistics
> Plant Design and Maintenance
> Packaging / Handling
> Materials Technology
> Process Plant Engineering
> Apparatus Engineering

> Construction Technology
> Transport Infrastructure
> Transport and Shipping Technologies
> Aerospace Technology

> Knowledge Management, Process Management
> Software for transport, logistics and human resources (Enterprise Resource Planning - ERP)

Doing business through technology  www.eurekanetwork.org
# Production Overview - Individual and Umbrella Projects

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projects Completed</td>
<td>217</td>
</tr>
<tr>
<td>Projects Running</td>
<td>116</td>
</tr>
<tr>
<td>Total Cost of all Projects</td>
<td>594 M €</td>
</tr>
<tr>
<td>Average Project Cost</td>
<td>1.4 M €</td>
</tr>
<tr>
<td>Average number of Participants per Project</td>
<td>3.4</td>
</tr>
<tr>
<td>Average Project duration</td>
<td>3y 2m</td>
</tr>
</tbody>
</table>

Doing business through technology

www.eurekanetwork.org
Technology Profile in EUREKA

EUREKA Individual Projects Technology Profile

Doing business through technology

www.eurekanetwork.org
Pro-Factory Overview

Number of Projects

- All Individual Projects
- Sub-Umbrella
- PRO-FACTORY

Doing business through technology  www.eurekanetwork.org
Pro-Factory Overview

Number of PRO-FACTORY Participations

Doing business through technology  www.eurekanetwork.org
EUREKA - The Leverage Effect

Leverage effect on Commercial Turnover: 13

Leverage Effect on Private Fund: 2.5

Doing business through technology www.eurekanetwork.org
Key Impact Figures (based on 2500 Final reports)

Input
> 10 Billions euros of public funds

Output
> 19 Billions euros of private funds
> 93 Billions euros of additional Turnover
> 378 000 jobs created/safeguarded

Doing business through technology www.eurekanetwork.org
Some Statistics

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

> On-going projects are attracting investment of some 4 billion euro.
Impact Generation

> 81% of the impact is generated by 11% of the companies (Major Impact)
> 60% of companies have a Commercial Impact (e.g. additional turnover) that is equal or superior to the Public investment (Minor Impact)

At least 6 out of 10 companies have a minor impact and 1 out of 10 has a major impact.
EUREKA Statement and Target

> EUREKA means business
> EUREKA means project cooperation
> EUREKA means links to customers, partners, experts and financing bodies
Thank you for listening

Katharina Lehmeier
EUREKA Secretariat, Brussels
katharina.lehmeier@eurekanetwork.org
www.eurekanetwork.org
www.eurostars-eureka.eu
Some Statistics

Who participates in EUREKA projects?

> Nearly 13,000 partners from across Europe - and beyond
> Participants from Individual Projects Currently Running (600 projects, 2132 participants)

Doing business through technology  
www.eurekanetwork.org
Some Statistics: Type of Areas

EUREKA Type of Areas
(in % of Total costs)

Includes all Eureka Projects (Individual Projects, Clusters and Eurostars)

Doing business through technology www.eurekanetwork.org
Some Statistics

Which markets benefit from the technologies developed?
Some Statistics

Spending on EUREKA Projects in Relation to GDP

Doing business through technology  www.eurekanetwork.org
Eurostars Programme

Eurostars - Number of applications submitted

<table>
<thead>
<tr>
<th>Cut-Off 1</th>
<th>Cut-Off 2</th>
<th>Cut-Off 3</th>
<th>Cut-Off 4</th>
<th>Cut-Off 5</th>
<th>Cut-Off 6</th>
<th>Cut-Off 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/02/2008</td>
<td>215</td>
<td>317</td>
<td>279</td>
<td>316</td>
<td>343</td>
<td>402</td>
</tr>
<tr>
<td>Cut-Off 7</td>
<td>22/09/2011</td>
<td>365</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total applications: 2 237
Total costs: 3 106 M€
Eurostars Programme

Type of applicants - Submission

<table>
<thead>
<tr>
<th>R&amp;D SMEs and SMEs</th>
<th>Cut-Off 1</th>
<th>Cut-Off 2</th>
<th>Cut-Off 3</th>
<th>Cut-Off 4</th>
<th>Cut-Off 5</th>
<th>Cut-Off 6</th>
<th>Cut-Off 7</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>75%</td>
<td>73%</td>
<td>71%</td>
<td>71%</td>
<td>72%</td>
<td>72%</td>
<td>71%</td>
</tr>
</tbody>
</table>

Cut-Off values indicate percentages of applicants in each category.
Eurostars Programme

Primary technology areas

- CHEMISTRY, PHYSICAL AND EXACT SCIENCES
- MEASUREMENTS AND STANDARDS
- AGROFOOD TECHNOLOGY
- AGRICULTURE AND MARINE RESOURCES
- OTHER INDUSTRIAL TECHNOLOGIES
- TECHNOLOGY FOR PROTECTING MAN AND THE ENVIRONMENT
- ENERGY TECHNOLOGY
- INDUSTRIAL MANUFACTURING, MATERIAL AND TRANSPORT
- BIOLOGICAL SCIENCES / TECHNOLOGIES
- ELECTRONICS, IT AND TELECOMS TECHNOLOGY

Cut-off 1  Cut-off 2  Cut-off 3  Cut-off 4  Cut-off 5  Cut-off 6  Cut-off 7
Eurostars Programme

Primary market areas

- CONSTRUCTION AND BUILDING PRODUCTS
- AGRICULTURE, FORESTRY AND FISHING
- OTHER ELECTRONICS RELATED
- BIOTECHNOLOGY / MOLECULAR BIOLOGY
- TRANSPORTATION
- SERVICES
- COMMUNICATIONS
- CONSUMER RELATED
- ENERGY
- COMPUTER RELATED
- INDUSTRIAL PRODUCTS / MANUFACTURING
- MEDICAL / HEALTH RELATED