



MANUFUTURE'2007

Constructing a Sustainably
Competitive Europe

EUREKA and the challenges of European Industry

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EUREKA Chairman

Slovenian EUREKA Chair 07/08

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The EUREKA Initiative is...

The oldest pan-European industrial Research initiative.
Older than EU Framework Programmes for research.

- > Intergovernmental
- > Nationally financed
- > Market oriented
- > Bottom up!

The past is history



- Established in 1985
- An initiative of French President Mitterrand and German Chancellor Kohl
- 18 countries and the European Union at the beginning

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E! - Inter-governmental

- Now there are 37 EUREKA member countries and the EU represented by European Commission - Research DG.
- EUREKA offices are usually based in the relevant ministry (science, research, education, industry...) of each member country.

38 members

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 FYR of Macedonia

Associated Country

Morocco

- EUREKA members
- EUREKA NIP countries
- EUREKA Chairmanship*
- EUREKA Associated Country

** Slovenia holds the Chairmanship of EUREKA from July 2007 to June 2008, followed by Portugal*

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What is an NPC?

- NPC- National project coordinator
- Based in relevant ministry or government agency
- Local market knowledge
- Scientific expertise
- General support
- Facilitates access to national funding
- Local language and culture

Who decides on projects?

High-level Representatives (HLRs)

- Act on behalf of government ministers
- Meet four times a year to review project applications, decide the strategy, money,
- Award the internationally-recognised EUREKA label

Nationally financed

Financing for EUREKA projects comes from two main sources:

- National public sources
(national research and innovation funds)
- Investment by industry in R&D

Market oriented

- > **EUREKA** addresses **industrial research**, i.e. applied - **not fundamental** - research projects
- > **The result of a EUREKA project must be a marketable product, process or service**

Bottom up - from industry

The EUREKA project consortium decides:

- > the way a project comes together
- > the end result

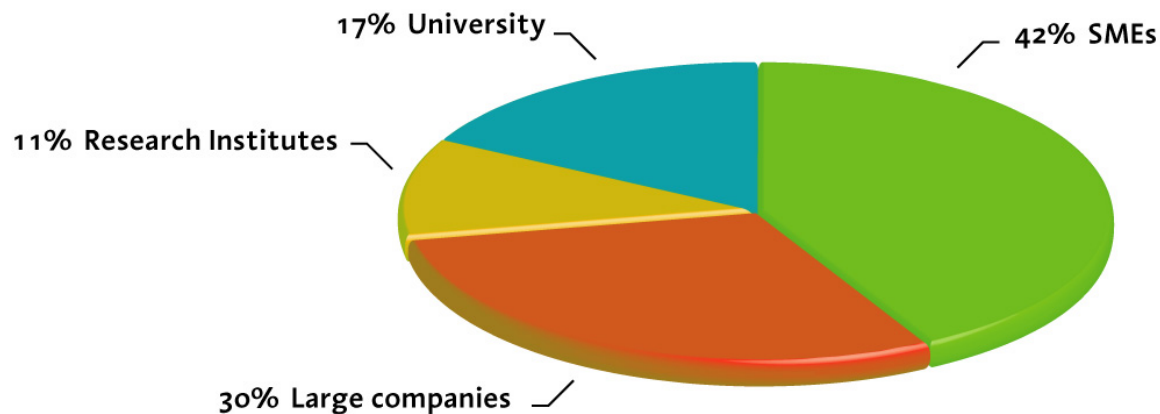
The consortium is close to the market, so can be flexible and respond quickly to market change.

Some statistics

Since 1985, **23 billion euro** of public-private investment has been mobilised to support some **2,500 EUREKA projects**

Who participates in EUREKA projects?

**Nearly 13,400 partners from across
Europe – and beyond**



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The two pillars of EUREKA

1. Strategic initiatives
2. Individual projects

1. Strategic initiatives

Two categories:

- a. Clusters
- b. Umbrellas

1a. Clusters - row model for JTIs

- Long-term, strategically-significant initiatives
- Large number of participants, many from Europe's major companies
- Develop generic technologies of key importance for European competitiveness

1a. Clusters

MEDEA+

ITEA2

CELTIC

EURIPIDES

EUROGIA

Road maps,
White books

Micro-/nano-electronics

Software-intensive systems

Telecommunications

Micro-system technologies,

Packaging & Interconnection

Sustainable & safe energy

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 ...
- Thematic partner of ETPs

1b. Umbrellas

PRO FACTORY
EUROENVIRON

Production technologies
Environmental R&D

EUROAGRI+

Agriculture, food and feed

EUROTOURISM

IT-Technologies for tourism

LOGCHAIN+

Freight chains and logistics

EULASNET II

Laser & optics applications

ECONTEC

Digital content

INNOFISK

Innovative aquaculture

ENIWEP

Industrial wear prevention

EUREKABUILD

Construction technology

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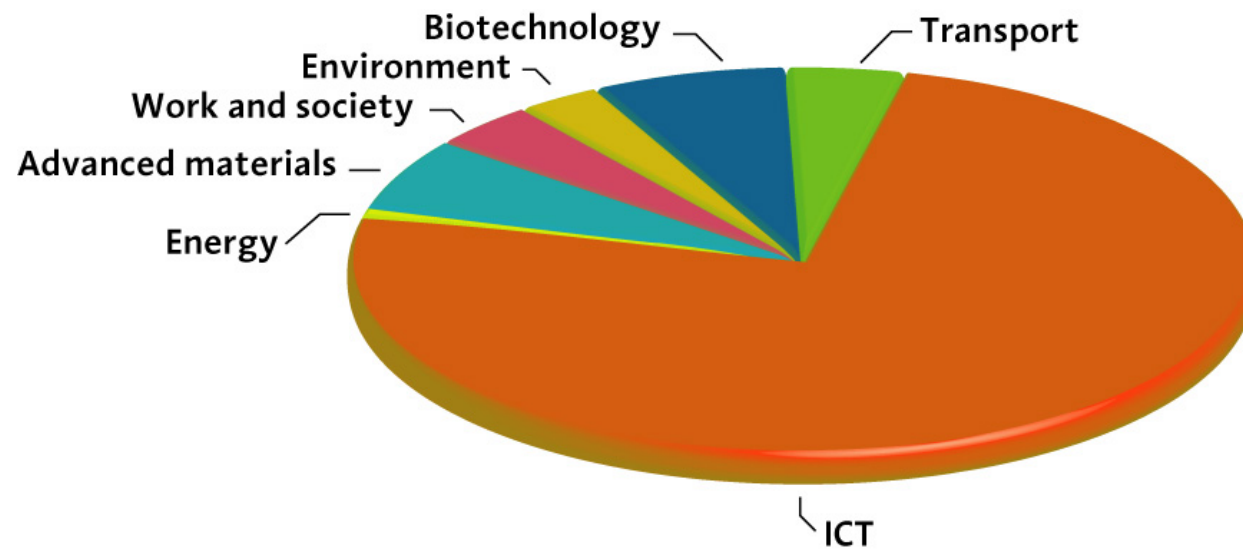
2. Individual projects

- Small, short-term projects (0.5-5 mEURO, 12-36 months)
- 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

How to get involved

- For Clusters, for Umbrellas - relevant secretariats
- For Individual projects, contact the EUREKA National Project Coordinator (NPC) in the country
- **Third country participation is possible**
- **www.eureka.be**

In what technologies can EUREKA projects be found?

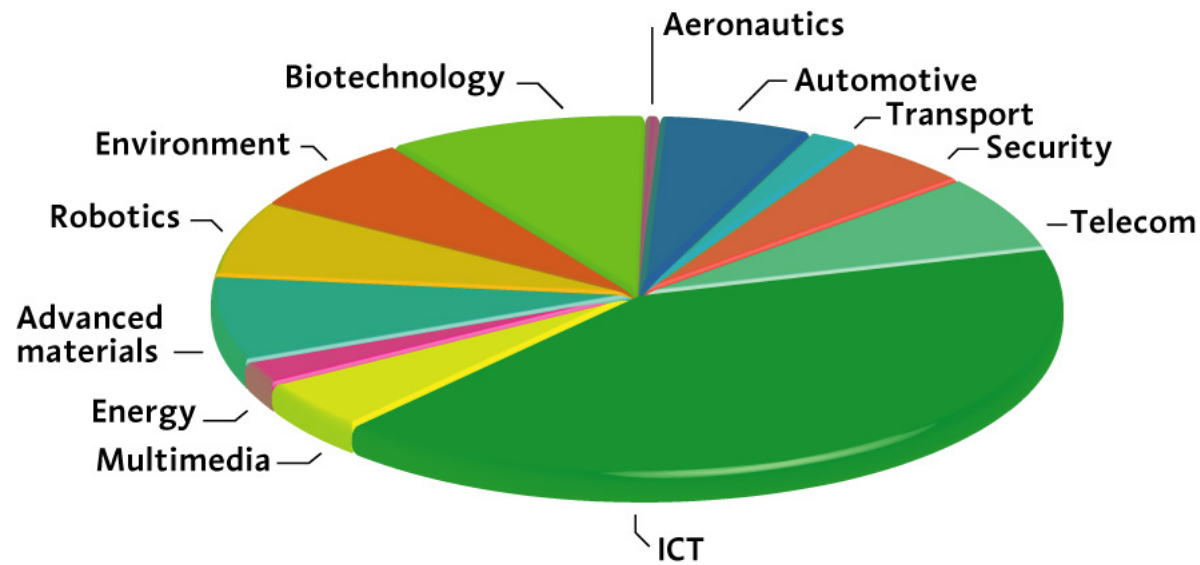


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Which markets benefit from the technologies developed?

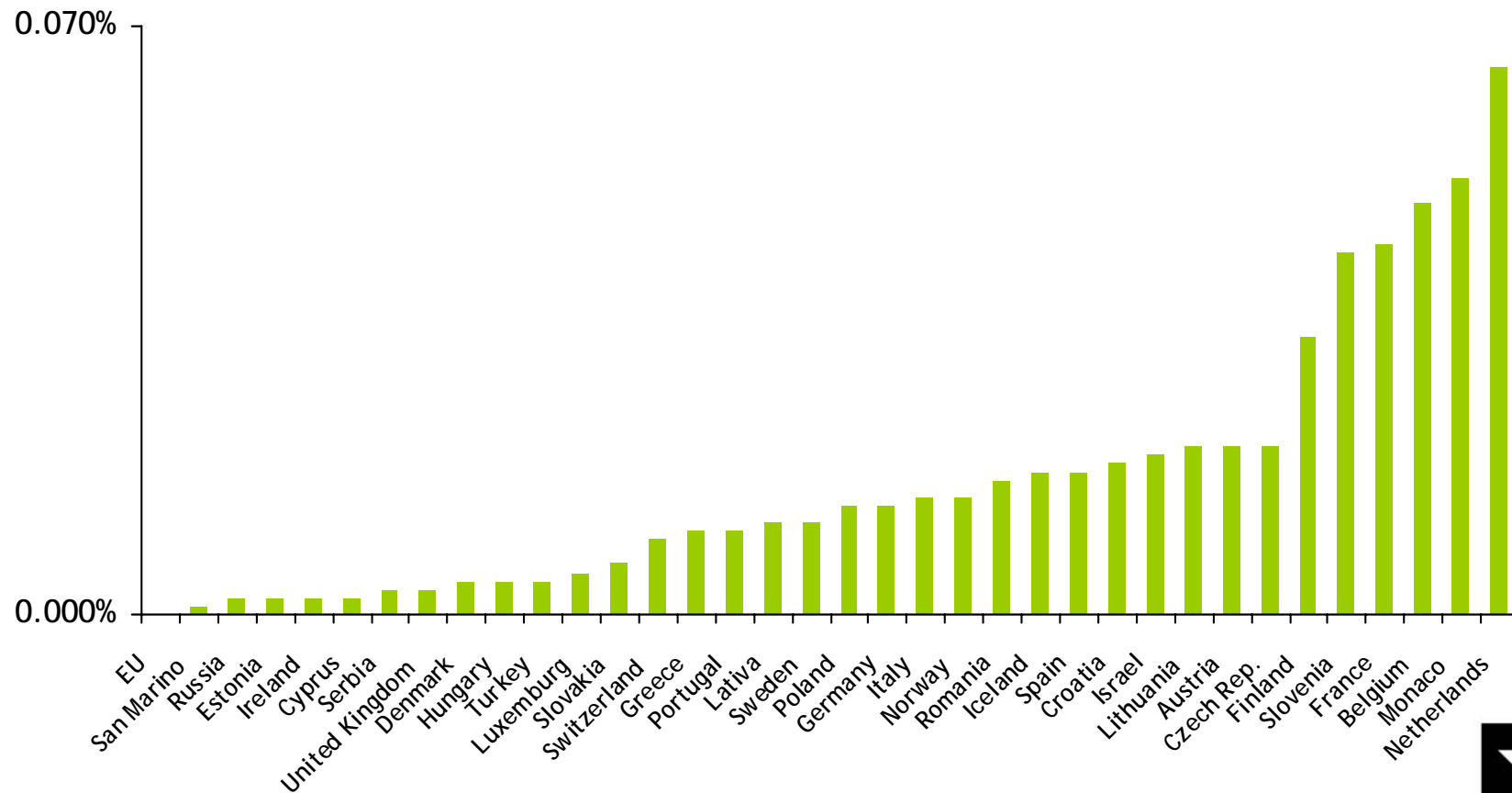


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National spend on EUREKA projects in relation to GDP



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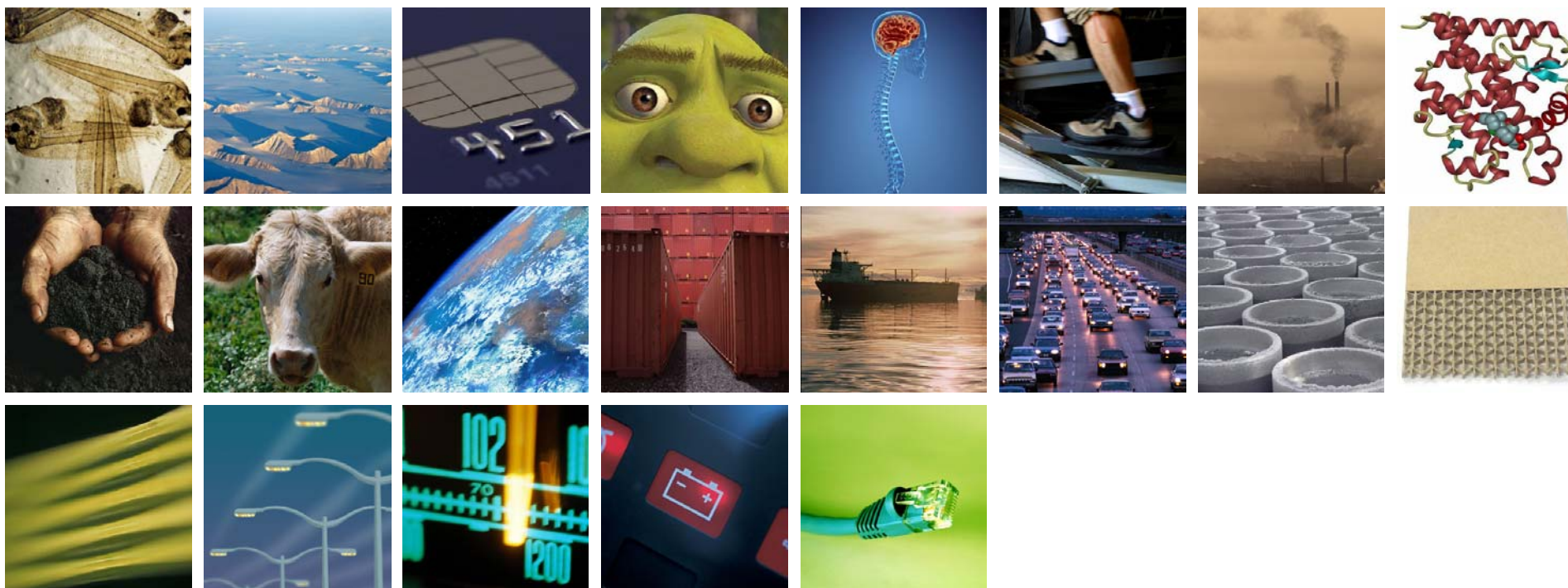
EUREKA results

Additional turnover and jobs created

- >30 % exploited results in the market upon project completion
- >Ratio of R&D costs/additional turnover: 57% upon completion and 219% within 3 years
- >€1 of subsidy generates €13-53 of add
- >900 new jobs created and > 1,700 expected

From: Annual Impact Report 2005
(Final Reports from 678 participants in 328 projects, finished between 2001-2005)

A few success stories



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You are already using EUREKA

- Global airline reservation system –
AMADEUS
- Smart cards
- HDTV
- Etc.....

What is new in EUREKA

Eurostars

No specific European support for R&D performing SMEs and:


- EC FP7 CRAFT is an outsourcing programme, not for R&D performing SMEs, lengthy procedures...
- Eureka conditions, and call procedures unpredictable, no money guarantee...
- National instruments are by definition not European...

The Eurostars Programme

- A joint programme with EUREKA and the European Commission
- 27 countries committed so far
- Estimated budget: 400 million Euro
- A target of 560 projects for 7 years
- First call for project proposals in 2007

Ingredients Eurostars

- **Combination:**
 - National programmes (financial, critical mass)
 - The EC FP7 (financial incentive)
 - The Eureka Network and Procedures and access to companies (SMEs)



Slovenian $\Sigma!$ Chairmanship 2007/08

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Chairmanship Agenda - 1

EUREKA and ERA

- EUREKA an important pillar of ERA
- Cooperation with EC
- New EUREKA strategy and Strategy document for E! future
- EUROSTARS

Rationalisation and Synchronisation

- Better support for SMEs, ministries and other stakeholders
- Better synchronisation of procedures – tackle the main drawback of E!
- Search for further simplifications, rationalisations and responsiveness on the base of self-suggestion system

Chairmanship Agenda - 2

Enlargement of EUREKA's geographical boundaries - Western Balkan

- FYR of Macedonia, Bosnia and Herzegovina, Montenegro

New communication strategy and promotion of E! results and finished projects

- New forms for presentation of results, common templates, etc.

What is new in EUREKA

New strategy

Aim is to become No.1 player in industrial research

New type of organisation – ESE - Service organisation

More synchronised procedures

One stop shop for SMEs

New communication strategy

What is in EUREKA for you – MANUFUTURE ETP

- **Perfect financing mechanism**
- **Participation at project level,**
also PRO FACTORY Umbrella
- Well established and operational network with 22 years track record
- Development and RD partner of EU large, medium and small industry
- For **mutual benefit** (WIN-WIN)
- Also third country participation, for globally competitive products and services

Opportunities for co-operation in world class industrial RD!

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Thank you for listening

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