EUREKA and Eurostars:
Tools for European Innovations

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> EUREKA: a public network with nearly **30 years** experience in supporting **R&D-performing** businesses.

> Market-oriented - **products, processes or services for civilian use.**

> Bottom-up: the consortium decides. **There is no thematic restriction.**

> Financed using **national and regional** public and private money.

EUREKA has 41 full members

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

Transitional status:
 Albania
 Bosnia-Herzegovina

Associate countries:
 Republic of Korea
 Canada

www.eurekanetwork.org

OTHER
11%

BIOTECH
7%

34 Bn€

18%
INDUSTRIAL

ICT
63%
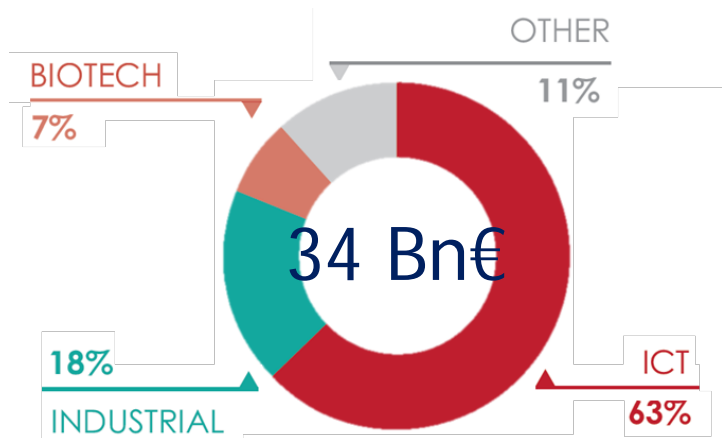
> Collaborative R&D&I projects within any field of technology.

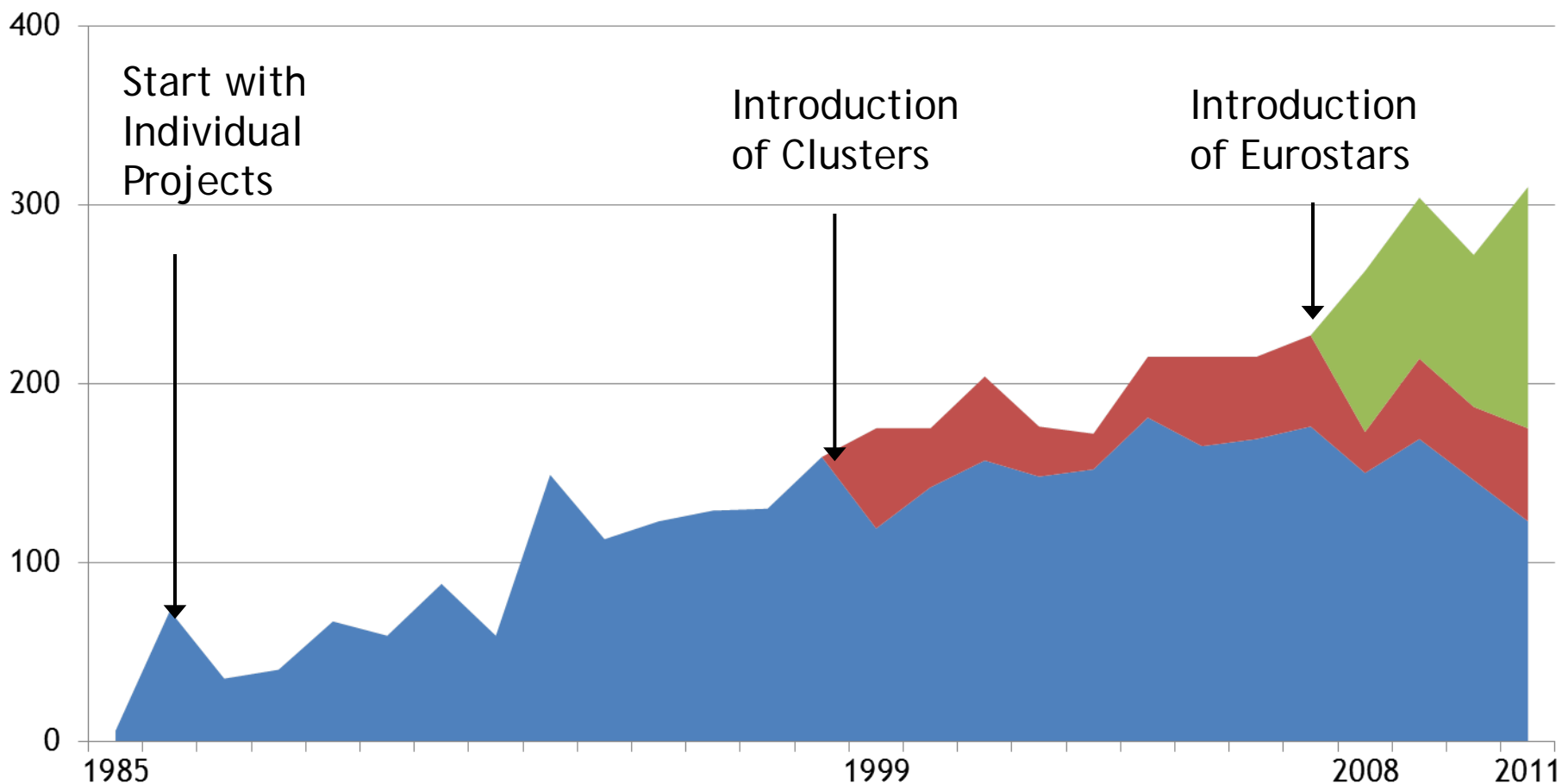> Development of a product, process or service for any civilian market.

> The majority participation by industry ensures that R&D&I results are rapidly brought to the market.

RESEARCH INSTITUTES
GOVERNMENTAL BODIES
UNIVERSITIES

SME
42%

31%

Participation in 5000+ Projects

26%
LARGE COMPANY

Start with Individual Projects
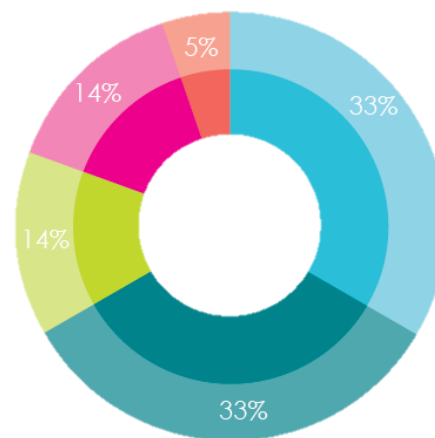
Introduction of Clusters

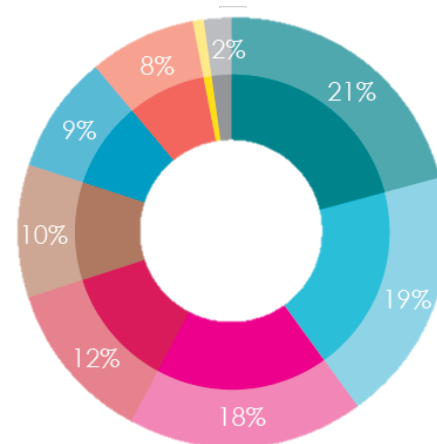Introduction of Eurostars
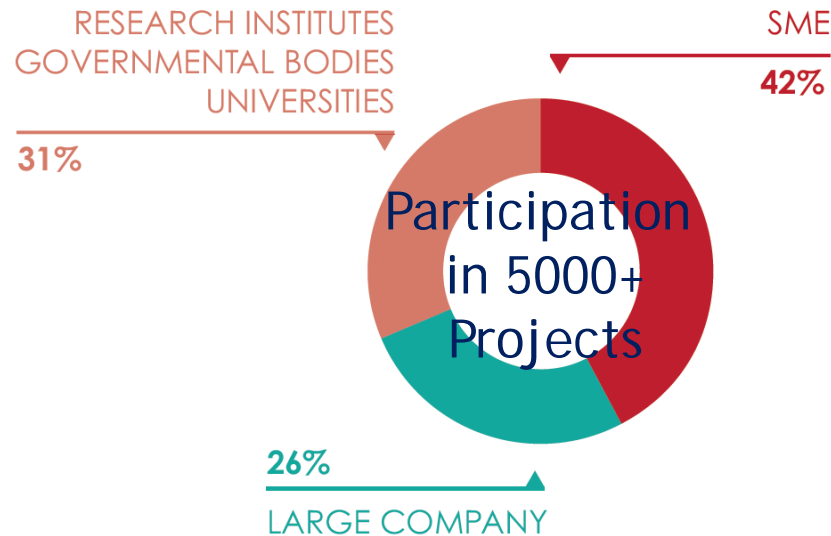
Total number of EUREKA projects: 5310

> Small, shorter-term projects

> Result in a product, process or service with a significant advance in their sector

> National evaluation (PAM)

~4 participants

Typically SME lead

33 month average duration

1.7 M€

Technological areas

5%
14%
14%
33%
33%

Market areas

2%
8%
9%
10%
12%
18%
19%
21%

Biotech / medical

Energy

Environment

ICT

Industrial Products / Manufacturing

Transportation

Agriculture, Forestry And Fishing

Services

Construction And Building Products

Other

> Medium-term, strategically-significant initiatives

PHILIPS NOKIA Telefónica AIRBUS AN EADS COMPANY

> Developing generic technologies of key importance to European competitiveness

> Evaluation by clusters bodies according EUREKA basic principles

Cluster projects approved in 2012

8%
5%
13%
74%

- Energy
- Environment
- ICT
- Industrial Products / Manufacturing
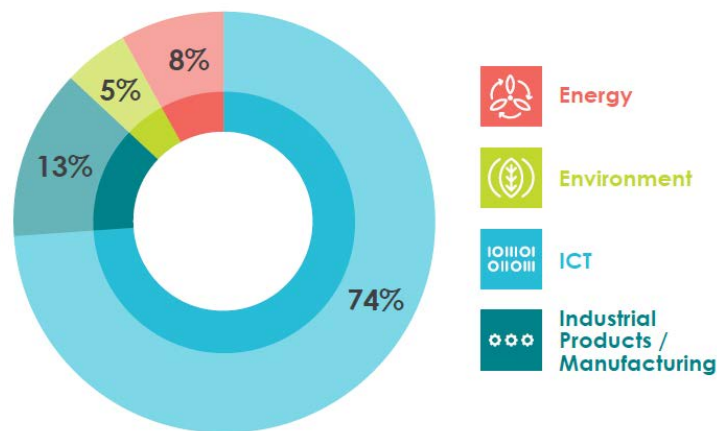
~100 participants

Large company can lead

40 month average duration

~ 50-80 M€

ATRENE ΣURIPIDES² eurogia 2020

ITEA 2 Celtic-Plus Smart Connected World

ΣACQUEA

Eurostars Programme

> A joint EUREKA-EU funding programme running 2008-2013 and continued under Horizon 2020 in 2014-2020

> National funding support in 33 countries, all agreeing to common rules

> Projects led by R&D-performing, innovative SME

> Simple and fast application
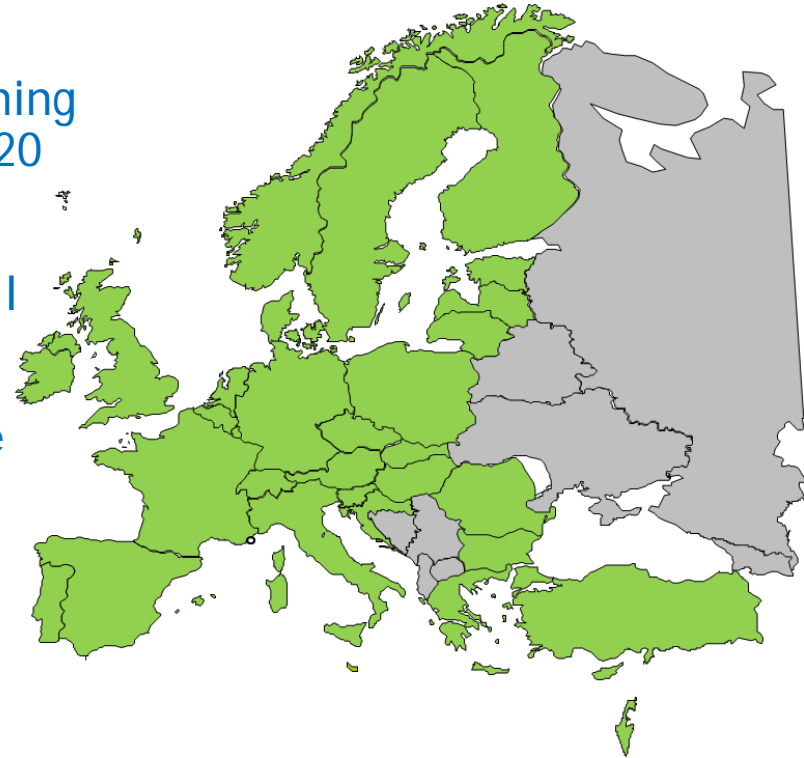
> 1.15 Billion euro of public support available between 2014-2020

> Close to market innovation without thematic restriction

> Market introduction within 5 years of funding decision

Eurostars is a joint programme between more than 30 EUREKA member countries and the European Union
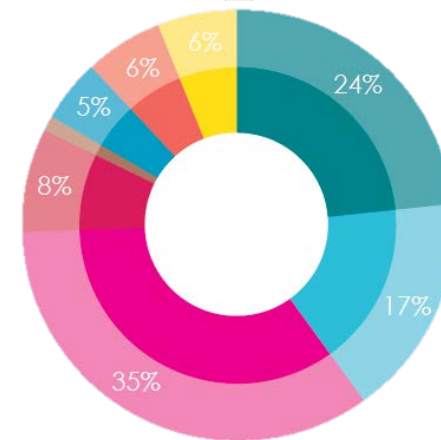
An international evaluation based on 3 major criteria:

> Project planning and consortium quality

> Level of technology and innovation of product, process or service

> Market access and competitiveness

1. Assessment by 3 experts
2. Financial Viability check
3. Scoring & Ranking by an Independent Panel
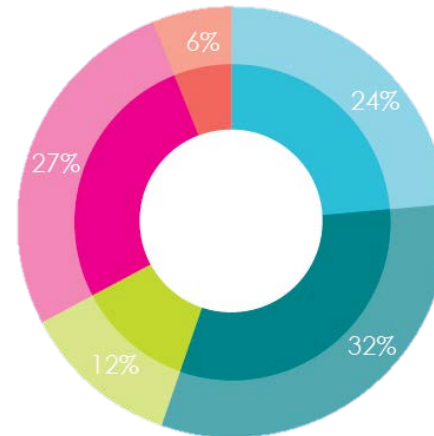
3 to **4** participants, **2** to **3** countries involved

R&D performing SME lead

29 month average duration

1,4 M€

Technological areas

6%
24%
27%
32%
12%

Market areas

24%
17%
35%
8%
5%
6%
6%

- Biotech / medical
- Energy
- Environment
- ICT
- Industrial Products / Manufacturing
- Transportation
- Agriculture, Forestry And Fishing
- Services
- Construction And Building Products
- Other

A global project base

EUREKA member country

Associated country (may lead projects but it must include a full EUREKA member; 1+1 rule)

Country has participated as a 'third' country (may contribute to projects with two EUREKA members; 2+1 rule)

www.eurekanetwork.org

Country focus

NORWAY
2013/14

Most active regions in

- ICT
- INDUSTRIAL TECHNOLOGY
- BIOTECHNOLOGY

STOCKHOLM
COPENHAGEN
SOUTH/NORTH HOLLAND
FLANDERS
ÎLE DE FRANCE
PRAGUE
BAVARIA
EASTERN SLOVENIA
WESTERN SLOVENIA
MADRID
CATALONIA

138 running projects

Active in **399** projects

Since **1995**

161 M€ of CZ investment

>10

www.eurekanetwork.org

www.eurekanetwork.org/projects/success-stories

E! 328 AMADEUS

European-based global computerised distribution system to meet the needs of the travel industry

www.eurekanetwork.org

E! 55 CARMINAT SYSTEM

System for acquisition, transmission, processing and presentation of information to improve driver safety and make trips easier and more efficient

E! 1489 EUROTRAC-2

A study on atmospheric pollution that reveals where pollutants are created, under what chemical disguises they travel and human and environmental health consequences

MEDEA+ A302

Making secure transactions viable through the development of generic smart card open platforms

Monitoring your car for a safer driving

Each year over 40,000 people are killed on Europe's roads. The partners of MEDEA+ project CARING CARS aim to drive down these chilling statistics with a system comprising in-car sensors and a wireless infrastructure monitoring the vital signs of drivers and sounding an alert if there is a problem linked for example to the driver's fatigue.

Participating countries:
Turkey, The Netherlands, Spain

**EUREKA Cluster project
MEDEA+ CARING CARS**

Participating countries:
Germany, Finland, France,
Spain, Sweden
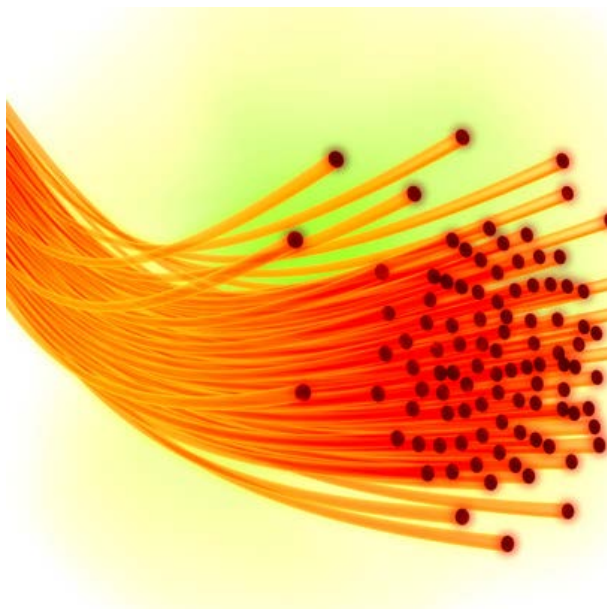
Internet could be 10 times faster than it is

Could the Internet just stop working one day? With bandwidth requirement increasing annually as the web becomes an ever larger part of the everyday life, keeping up is a challenge for Internet service providers. A EUREKA telecommunications cluster CELTIC-Plus project is pushing capacity upwards.

EUREKA Cluster project
CELTIC 100GET
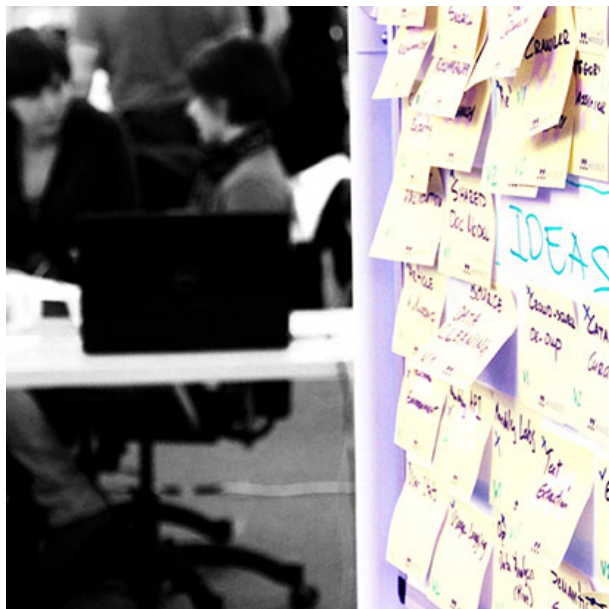
Managing Academic Knowledge with INtegrated, collaboratIve Tools

Develop a consistent database of academic knowledge, driven by semantic algorithms, to manage and share academic content, and to achieve superior recommendations based on personalised user profiles and user preferences.

EUROSTARS project > **E! 4811 MAKIN'IT**

eurostars™

Participating countries:
Austria, UK, Estonia

Cost: 0.86 M€

UK Company Mendeley has sold their developed technology **for $ 100 M**

EUREKA means international project co-operation

EUREKA network means links to partners, financing bodies, experts and customers

EUREKA means business

www.eurekanetwork.org

www.eurostars-eureka.eu

www.msmt.cz

www.aipcr.cz