



EUREKA



science
& technology

Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA

EUREKA's structure and network

Pretoria 13.06.13

Pedro de Sampaio Nunes

Head of the EUREKA Secretariat

- > **EUREKA** is a public network supporting R&D-performing businesses
- > More than **25 years of R&D support**
- > Established in 1985 by President **Mitterrand** and Chancellor **Kohl**
- > Since 1985, over **30 BILLION EURO** of public-private investment has been mobilised to support **4 452 EUREKA projects**

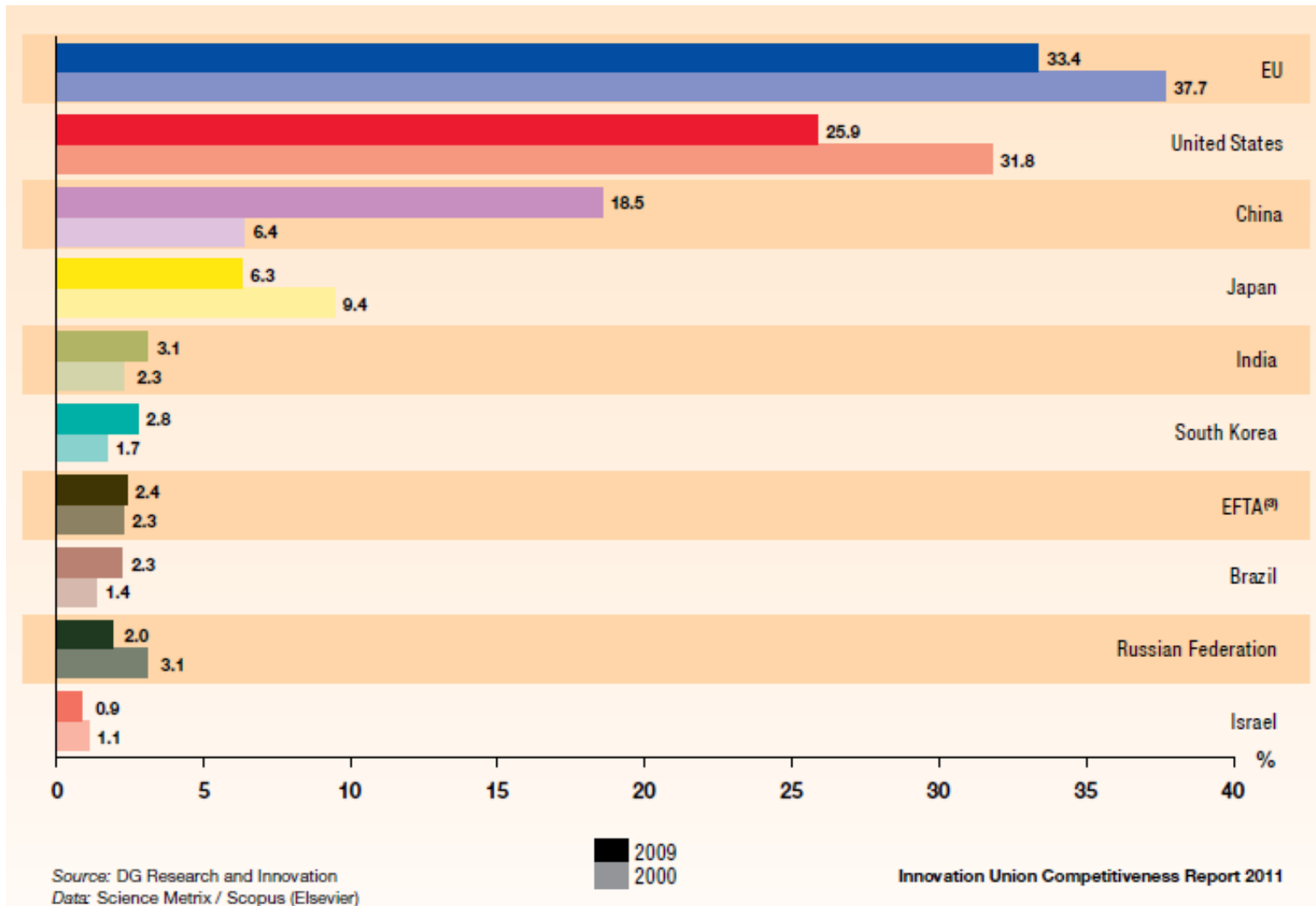
- An intergovernmental network
 - 41 members: - the EU 27 and 12 other European countries
 - 2 associated countries: South Korea and Canada
 - 2 National Information Points (NIP): Albania and Bosnia-Herzegovina
- Financed using national and regional **public and private funding**
- **Market-oriented**
 - The research's results must be marketable products, processes or services for civilian use
- **Bottom-up**
 - The consortium - usually led by a company - decides on the project aim. There is no thematic restriction.



- > Europe is a major producer of knowledge
- > EUREKA is a major tool to transform knowledge in value:
 - > Over 30 billion euro in investment over 27 years, more than 17,000 organizations participating in over 4,000 projects
- > A dramatic shift of the World Economy since the end of the century
- > EUREKA is rapidly adapting to the new reality

Shares of scientific publications (%)

2000 and 2009

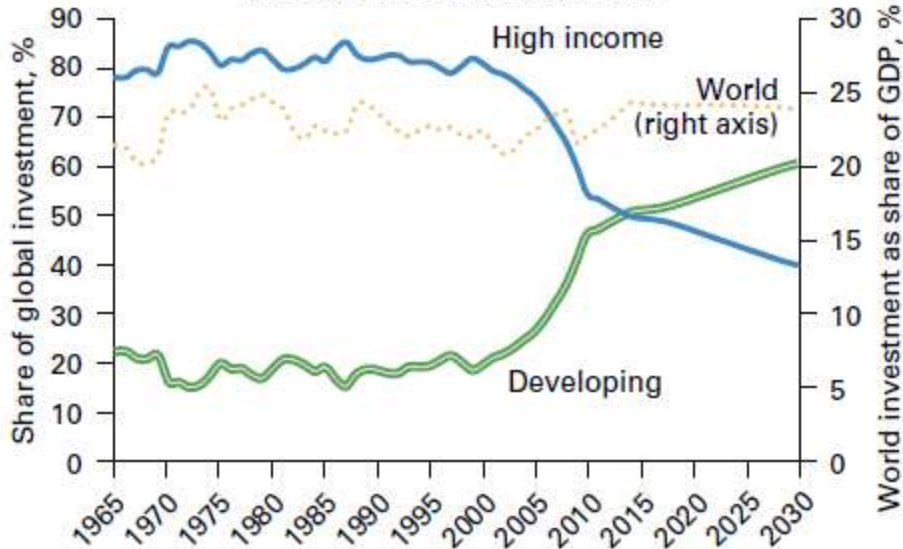




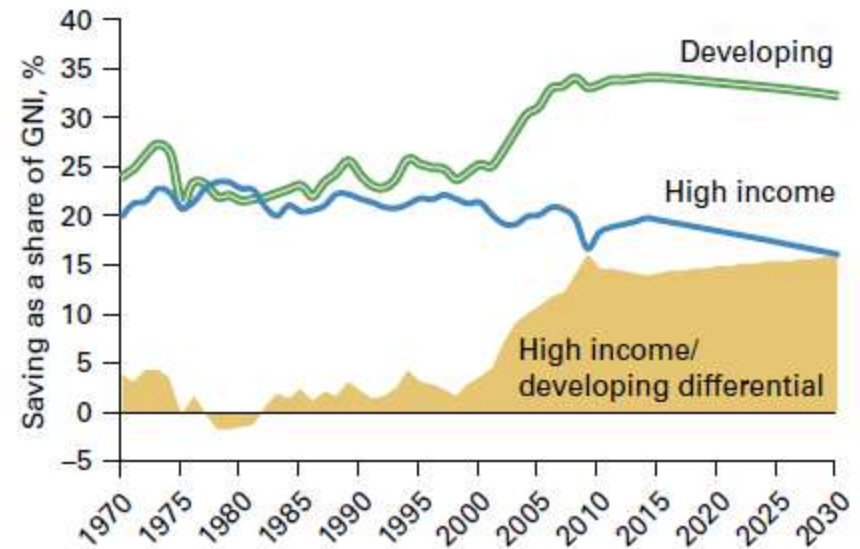
Landslide shift of global investment



a. Income groups' shares of global investment, and the world investment rate



b. Income groups' saving rates



Sources: World Bank projections, supplemented with calculations using data in the World Bank Global Economic Monitor and World Development Indicators databases.



EUREKA members and affiliates



EUREKA has 41 full Members:

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

2 National Information Points (NIP):

Albania
Bosnia-Herzegovina

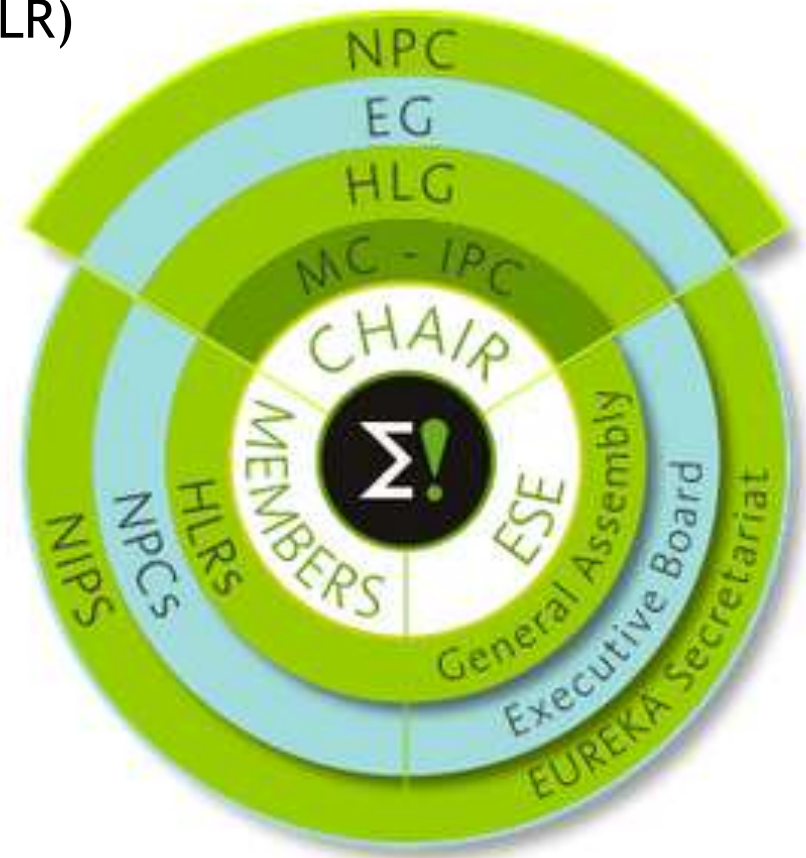
2 Associated Countries:

Canada
South Korea



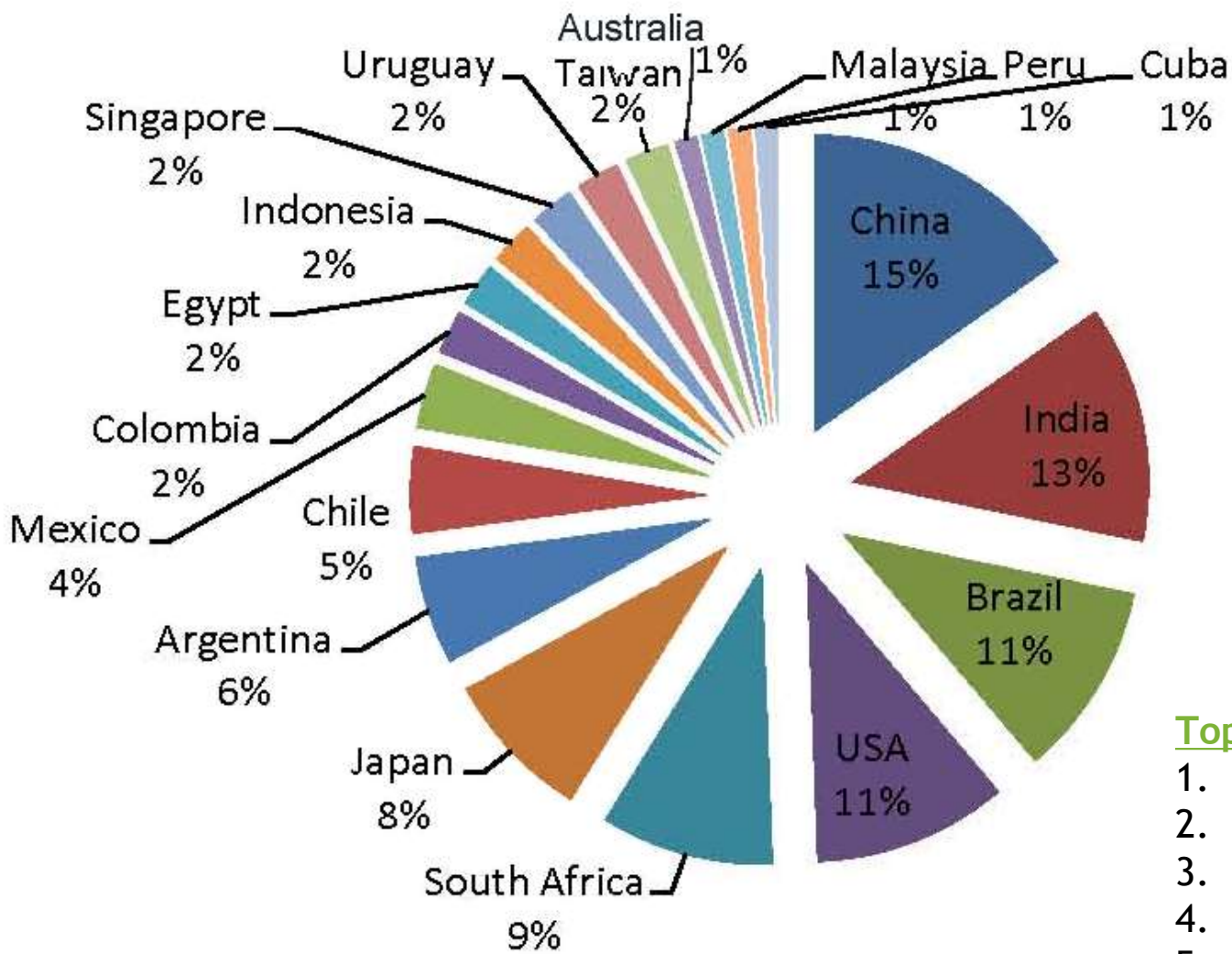
Main bodies:

- High-Level group Representatives (HLR)
- National Project Coordinators (NPC)
- National Information Points (NIP)
- EUREKA Secretariat (ESE)





Countries cooperating with the EUREKA Network



Top five:

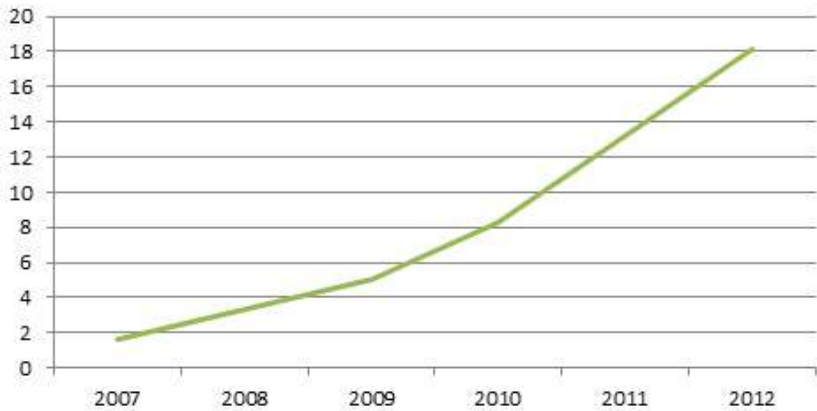
1. China
2. India
3. Brazil
4. USA
5. Republic of South Africa



Korea - a driving force in the EUREKA network

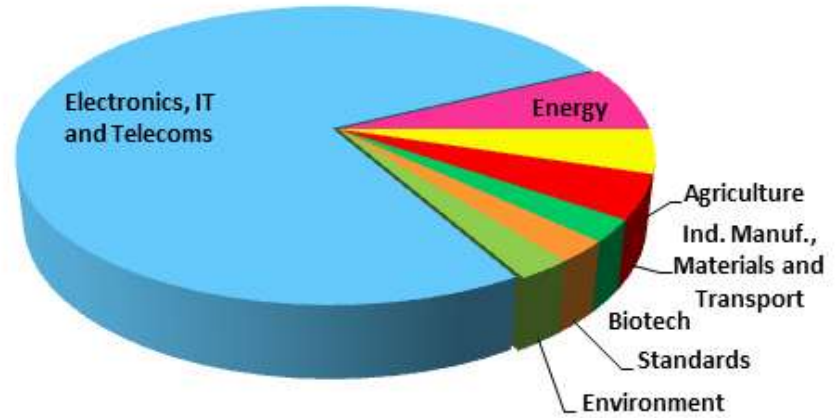
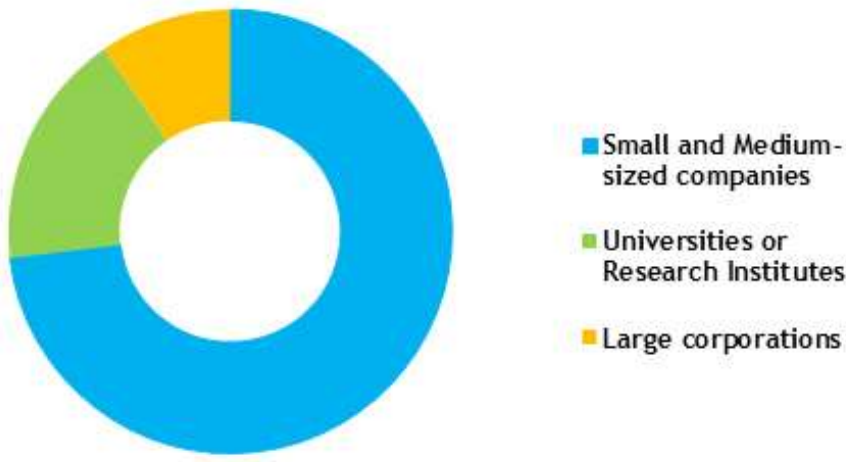


Total funding (in million euros)



The Republic of Korea joined the EUREKA network with the status of **Associated country** during the Lisbon EUREKA ministerial conference in 2009.

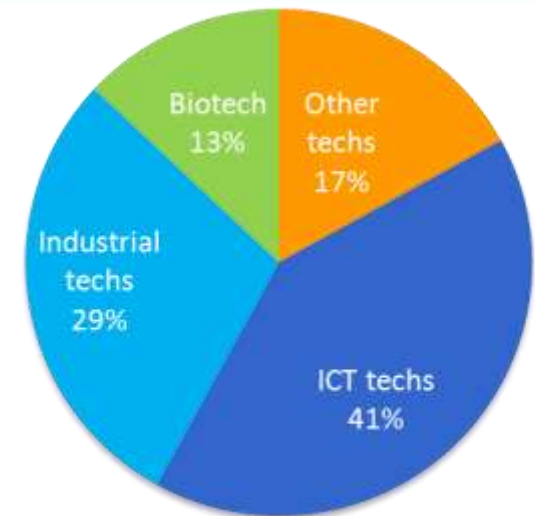
Participants by type of organisation



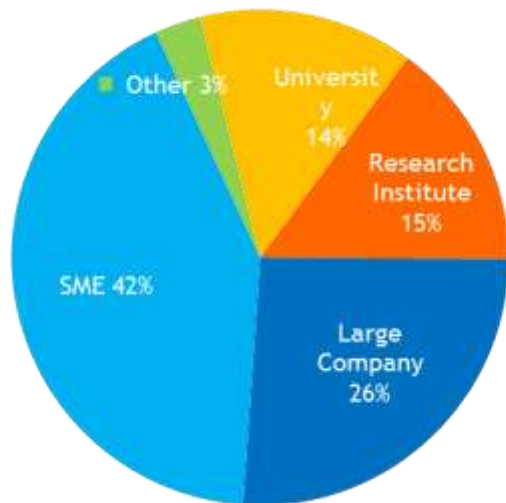
1. EUREKA individual projects
2. EUREKA Clusters & Umbrellas
3. Eurostars joint Programme



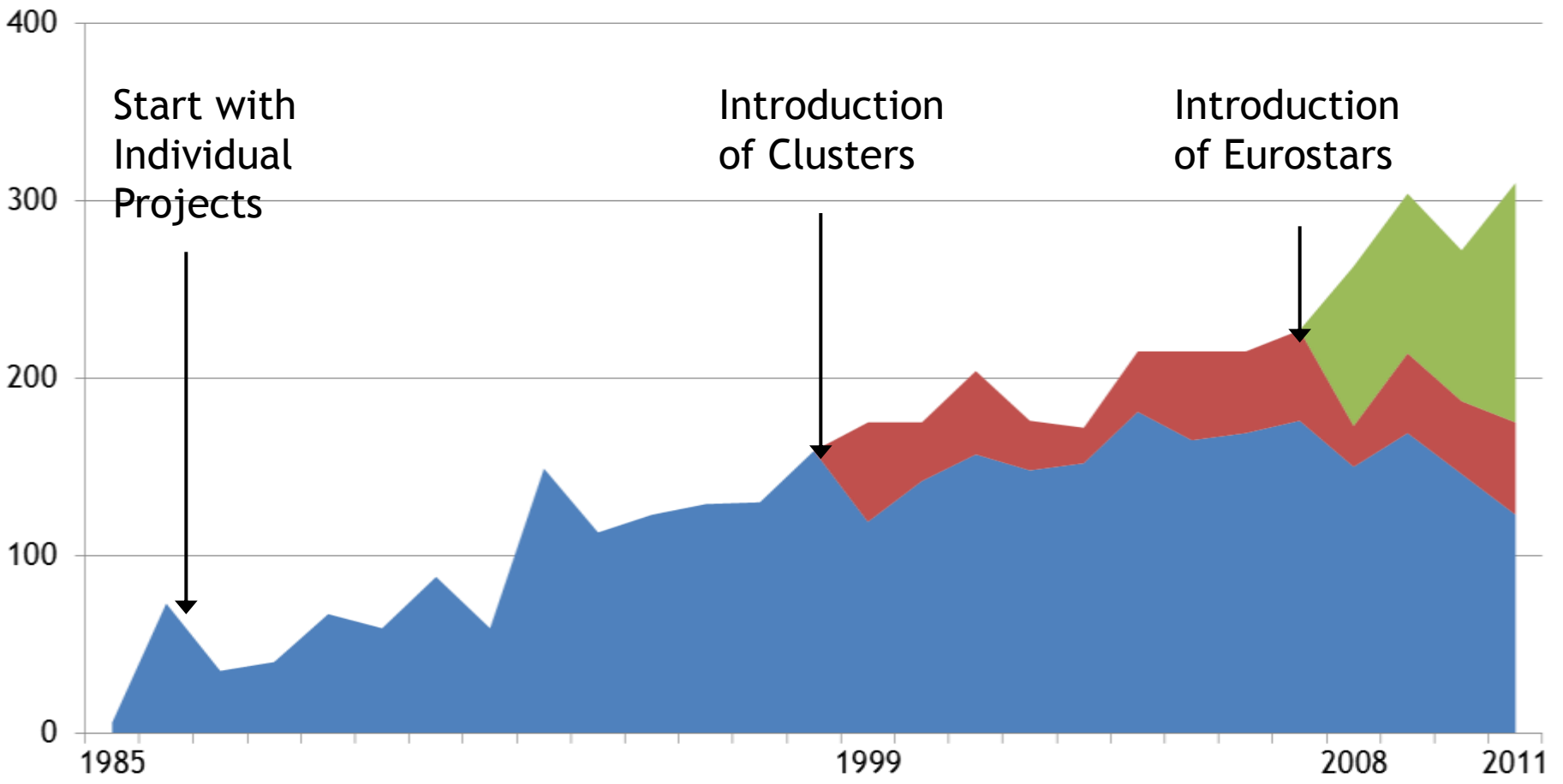
- **Bottom-up**, they reflect market demands
- **Market oriented**, their objective is to develop a product, a process or a service



Involve participants from at least two EUREKA member countries
(Since 2012, 1 full member + 1 associated country)

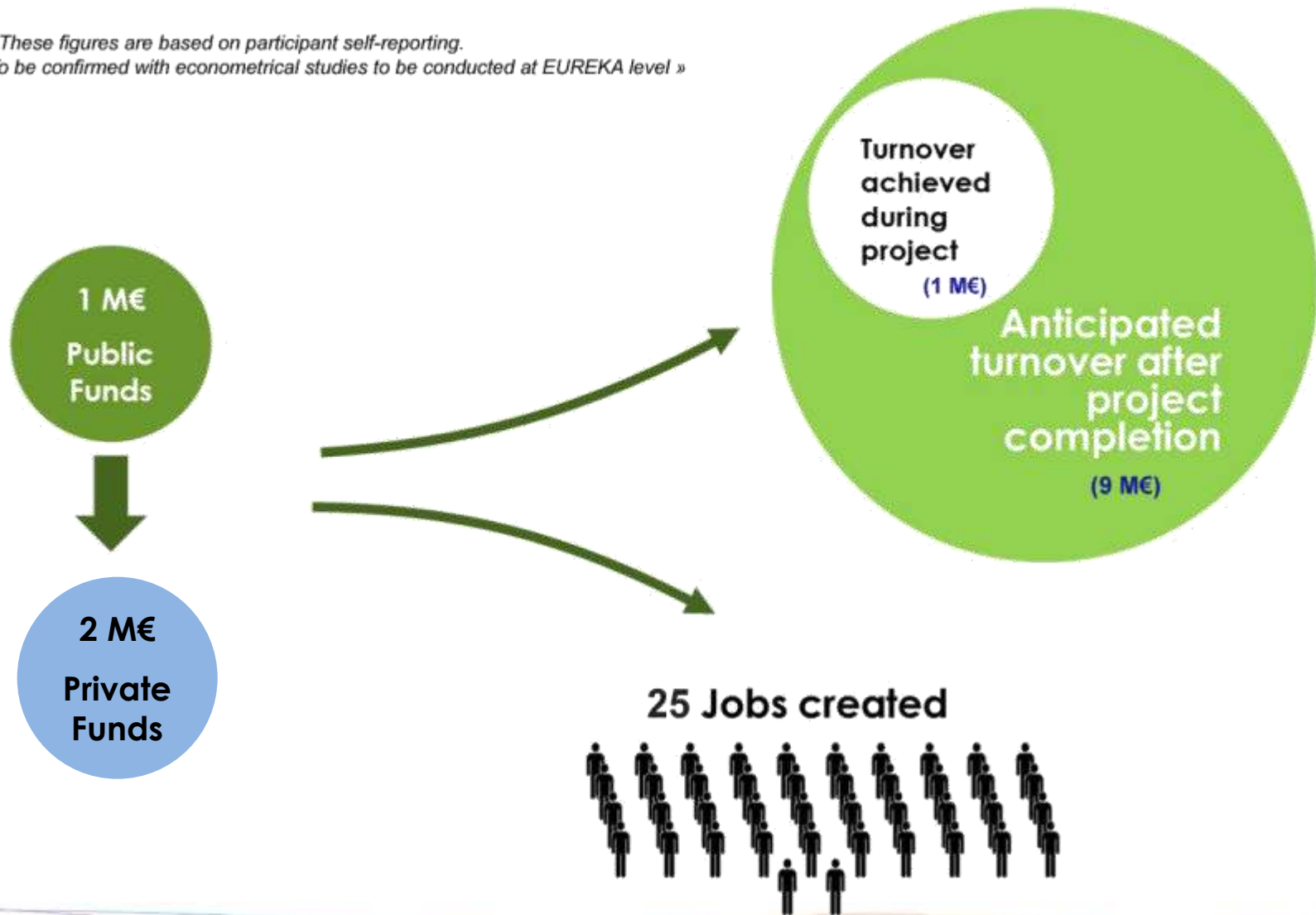


- Private companies represent **68%** of participants

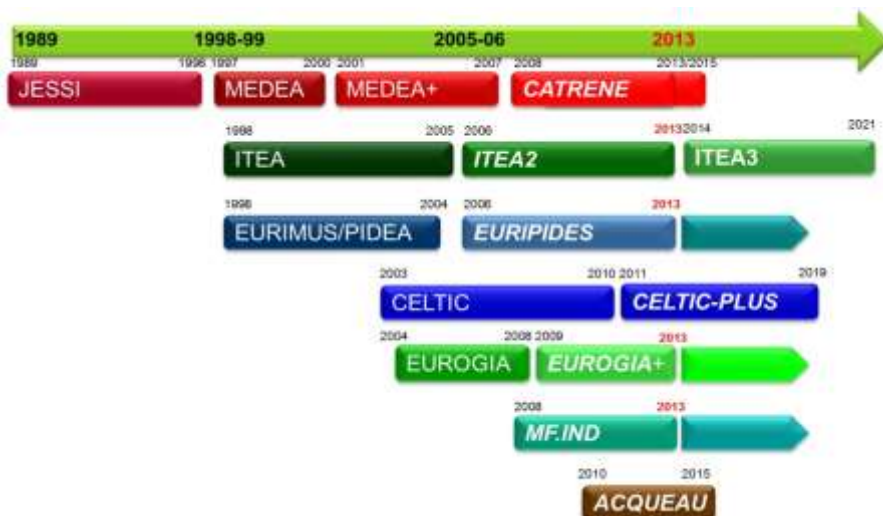


Total Number of EUREKA projects: 4 452

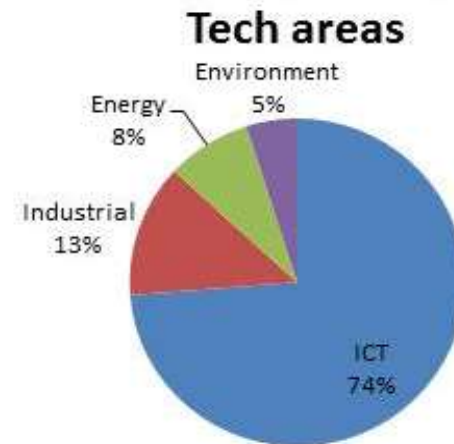
« These figures are based on participant self-reporting.
To be confirmed with econometrical studies to be conducted at EUREKA level »



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



Clusters projects approved in 2012:



Information technology



INFORMATION TECHNOLOGY FOR EUROPEAN ADVANCEMENT



Eureka Initiative for Packaging & Integration of μ Devices & Smart Systems

Communications



Energy



Water technologies



Manufacture



> Pre-competitive research projects lead by Europe's biggest companies



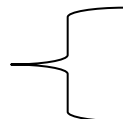
- > Thematic networks focussing on a specific technology area or business sector
- > Facilitate the generation of E! projects in their own target area
- > Coordinated and implemented by a working group consisting of EUREKA representatives and industrial experts

Robotics



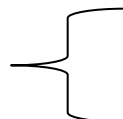
E!-Surf

Materials



EurekaBuild2

Medical & Biotechnology



EuroAgri-Foodchain

Manufacturing



Pro-Factory Plus



> SMEs are the European growth engine:

- More than 99% of all companies being either small or medium-sized
- 85% of all jobs created over the last years are in SMEs

> Benefits of internationalisation:

- Internationalised SMEs create more jobs
- Internationalised SMEs are more innovative
- Internationalised SMEs are more competitive



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