Inter-institutional Capacity Building & Awarness Workshop

The way to Eurostars II

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Beirut, 11-12 July 2013

What is EUREKA ?

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- **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

What is EUREKA?

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- 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.

EUREKA members and affiliates

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EUREKA has 41 full Members:

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

2 National Information Points (NIP):
Albania
Bosnia-Herzegovina

2 Associated Countries:
Canada
South Korea

Countries cooperating with the EUREKA Network

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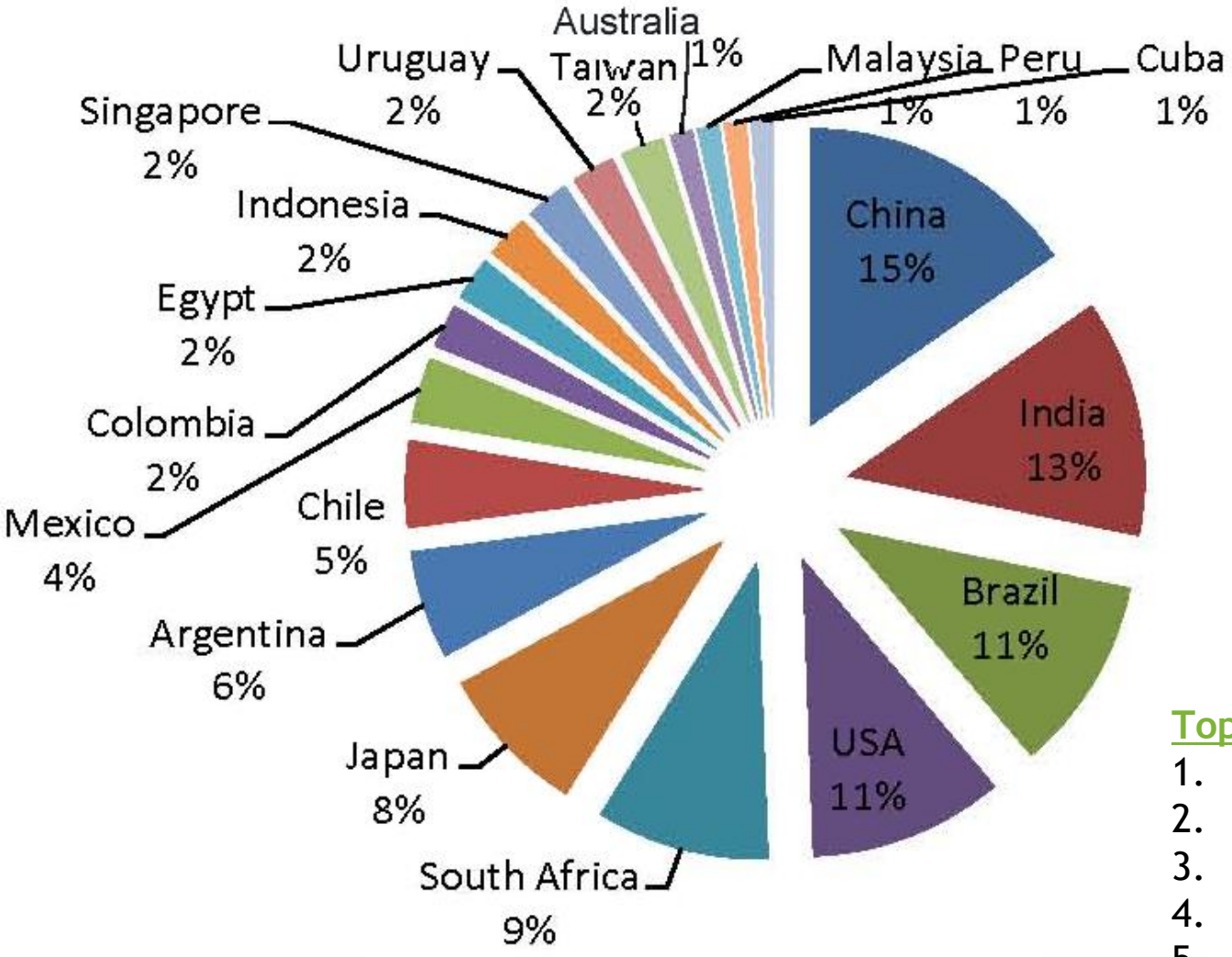

Top five:

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

EUREKA three pillars

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

Typical EUREKA projects

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	EUREKA Clusters projects	EUREKA Individual projects	Eurostars projects
Average costs per project	20 M€	1,7 M€	1,4 M€
Average number of participant	20	4	3
Average project duration (months)	40	33	29
Consortium Leader (as most frequently observed)	Large Company	SME	R&D SME

EUREKA impact

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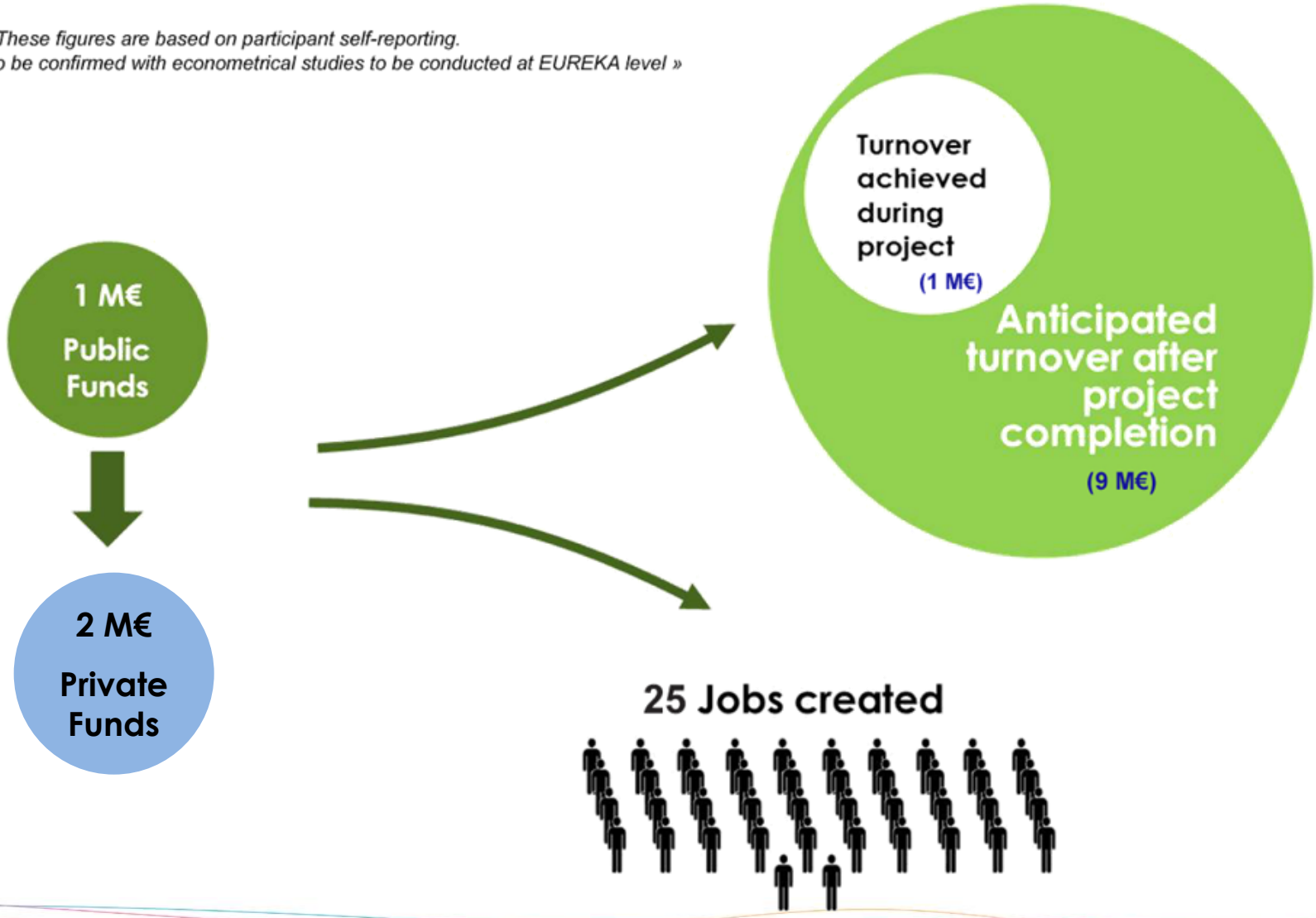
« These figures are based on participant self-reporting.
To be confirmed with econometrical studies to be conducted at EUREKA level »



EUREKA Clusters

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Information technology

ITEA 2
INFORMATION TECHNOLOGY FOR EUROPEAN ADVANCEMENT

EURIPIDES
Eureka Initiative for Packaging & Integration of µDevices & Smart Systems

Communications

Celtic-Plus
Smart Connected World

Energy

eurogia+

Water technologies

ACQUEAU

Manufacture

Manufuture Industry

EUREKA Clusters

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

SMEs and internationalisation

> 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

The EUREKA Network supports SMEs with specific funding instruments !

Eurostars

- The first joint EUREKA-EU funding and support programme for R&D-performing SMEs
- Small, short-term projects, involving participants from at least two Eurostars participating countries
- Consortium leader is an R&D-performing SME

The Future…

- ✓ **Eurostars II** will run from 2014 to 2020 within **Horizon 2020**
- ✓ Programme still targeted to **R&D Performing SMEs**
- ✓ Total Budget has been multiplied by three compare to Eurostars 1 to reach **1.2 billion euros**
- ✓ **1200 proposals** are expected per year
- ✓ Possibility for **Associated Countries** to join **Eurostars II**

The starting point

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- The intergovernemental initiative EUREKA is supporting international R&D cooperation focus on near the market product processes developments
- 30 years of experience in funding cooperation based on national funding bodies
- Needed to improve the efficiency of coordination between national programs

The legal base

- the Art. 185 of the treaty
  - (former article 169) provides the legal basis for the participation of the Union in research and development programmes of member states. In doing so, a flexible collaboration between member states is made possible, which considers the common interests and needs. The objective is to coordinate national R&D programmes in order to achieve a more efficient use of resources.

Eurostars Programme

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- 33 EUREKA members states decided to setup a joint program to support projects led by R&D performing SMEs within international projects.

- The European Union decided to join the program and proposed to setup an Art.185

Minimum requirements

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- Each participating member state must commit a budget to the program
  - Members states commited about 900 M€ to the program

- Definition of the common rules that will be implemented
  - Eligibility conditions
  - Central point for project application submission
  - Common and central evaluation process
  - Virtual common pot (participant is funded by its own country)
  - National funding rules
  - Synchronised funding
  - Common monitoring
  - Clear governance structure

The participation of the European Union

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- Participate to the funding of projects by toping up the national budgets
  - 25% of the total budget
- Delegates all implementation to a external body
  - Delegate to the EUREKA Secretariat with 30 years of experience in national programme cooperation through EUREKA network
  - Contribute to the implementation costs

Where is Eurostars 2 now ?

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- ✓ 33 members states decided to continue Eurostars program during the EUREKA ministerial conference (Budapest June 2012)
- ✓ 33 member states commited a budget to the program (June 2012)
- ✓ 33 members states agreed on the programme implementing guidelines (Ankara June 2013)
- ✓ The EUREKA Secretariat has been designated as the central implementation body
- ✓ The European Commission adopted (10 July 2013) a proposal for Eurostars Art.185 to be decided by Council and EU Parliament
  - > Decision from the EU Parliament and Council (July 2014)

Where is Eurostars 2 now ?

- Proposal of the Commission : Total budget 287 M€ for operational and administrative costs with a max of 2% of this amount for administrative cost (25% top up)
- The EUREKA Secretariat in cooperation with the Eurostars Advisory Group (representatives of national funding bodies) is preparing the practical implementation (September 2013-Dec 2013)
- Official launch of the programme by EUREKA and European Commission (30th October 2013 in Brussels)
- First call for projects (To be decided)

The other art. 185 proposals

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- **AAL (Ambience assisted living):** Total budget of 175 M€ for operational and administrative costs with a max of 6% for administrative costs (no mention on evaluation costs) (33% top up)

- **EDTCP (Clinical trials with Africa):** Total budget of 683 M€ with a max of 6% for administrative costs (33% top Up) (no mention of evaluation costs)

- **EMPIR (Metrology with national metrology institutes):** Total budget of 300 M€. Each contributor to the program must pay 5% to the implementing body, but the contribution from member states to the program is in kind on a yearly commitment, not in grants (33% Top Up on the in kind)

Conditions for a successful implementation

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- Have a well defined and agreed joint programmes guideline
- Base on a network of national programmes already cooperating together
- Have commited national contact points
- Have an experienced implementation body who can drive the cooperation and implement the necessary tools
- Have a well defined governance of the programme
- Sign bilateral agreements between the implementing body and the national funding bodies including all the agreed common rules

Some Eurostars success stories

Injection System for Transderm Administration of dRugs

Design, test and validate on human skin a needle free drug delivery injector with the advantages: easy to use, safe, efficient in terms of injection, no contamination, no fear from needle. The growing market of new drugs like biologics is targeted.

EUROSTARS project > **E! 4258 ISTAR**

Countries >
France, Austria

Cost: 3.58 M€

CrossJect, the company leading the project,
- signs a **$ 470 M worldwide contract**
- plans to double its staff in the next 5 years

Some Eurostars success stories

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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**

Countries >
Austria, United Kingdom, Estonia

Cost: 0.86 M€

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

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Thank you