



NEMZETI KUTATÁSI, FEJLESZTÉSI
ÉS INNOVÁCIÓS HIVATAL

Find a Water Partner – EUREKA – ACQUEAU Cluster

20/11/2015

European Funding Opportunities in the Water
Sector – 2nd EUSDR Stakeholder Seminar

Gergely Mészáros

EUREKA/Eurostars National Project Coordinator (NPC)



EUREKA was established in 1985 – Paris Declaration



No: 122790.01 Date: 18.07.1985 Credit: TORREGANO/SIPA
Headline: PARIS/ASSISES EUROPEENNES DE TECHNOLOGIE:"EUREKA"
Caption: Assises europeenes de technologie "Eureka"



EUREKA is...

Leading
platform for
international
cooperation



Intergovernmental
network

Supporting
market-oriented
R&D projects



Facilitating
access to
finance



EUREKA Initiative

- Main objectives:

- to enhance the productivity and competitiveness of European industry
- to boost national economies on international market with collaborative projects
- to strengthen the basis for sustainable prosperity and employment

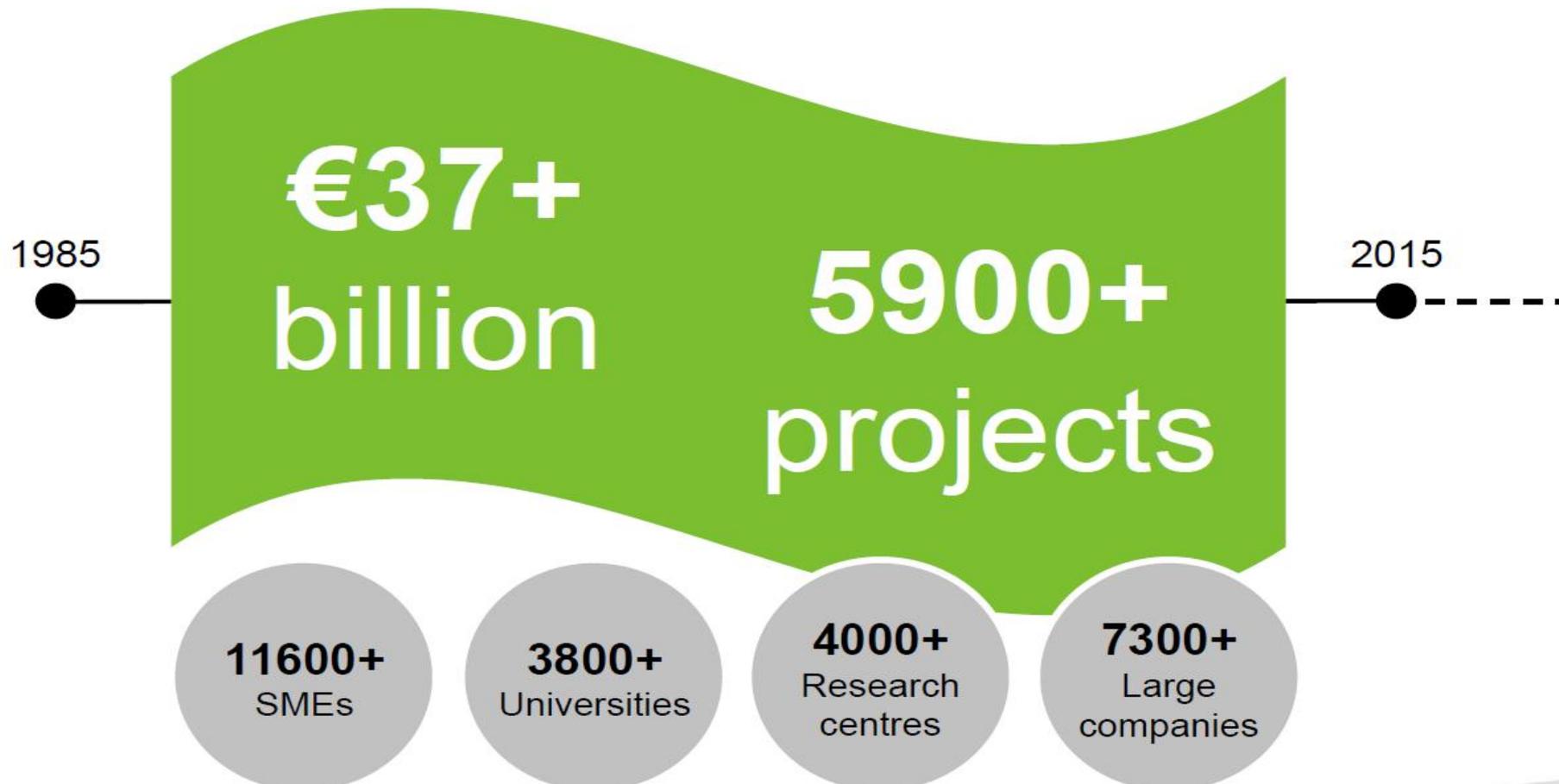
- **Participants:** business companies (SMEs, large companies), research institutes, universities

- Hungary joined in 1992 (Pioneer in Central/Eastern Europe)



More than €37 billion invested

EUREKA 
Innovation across borders

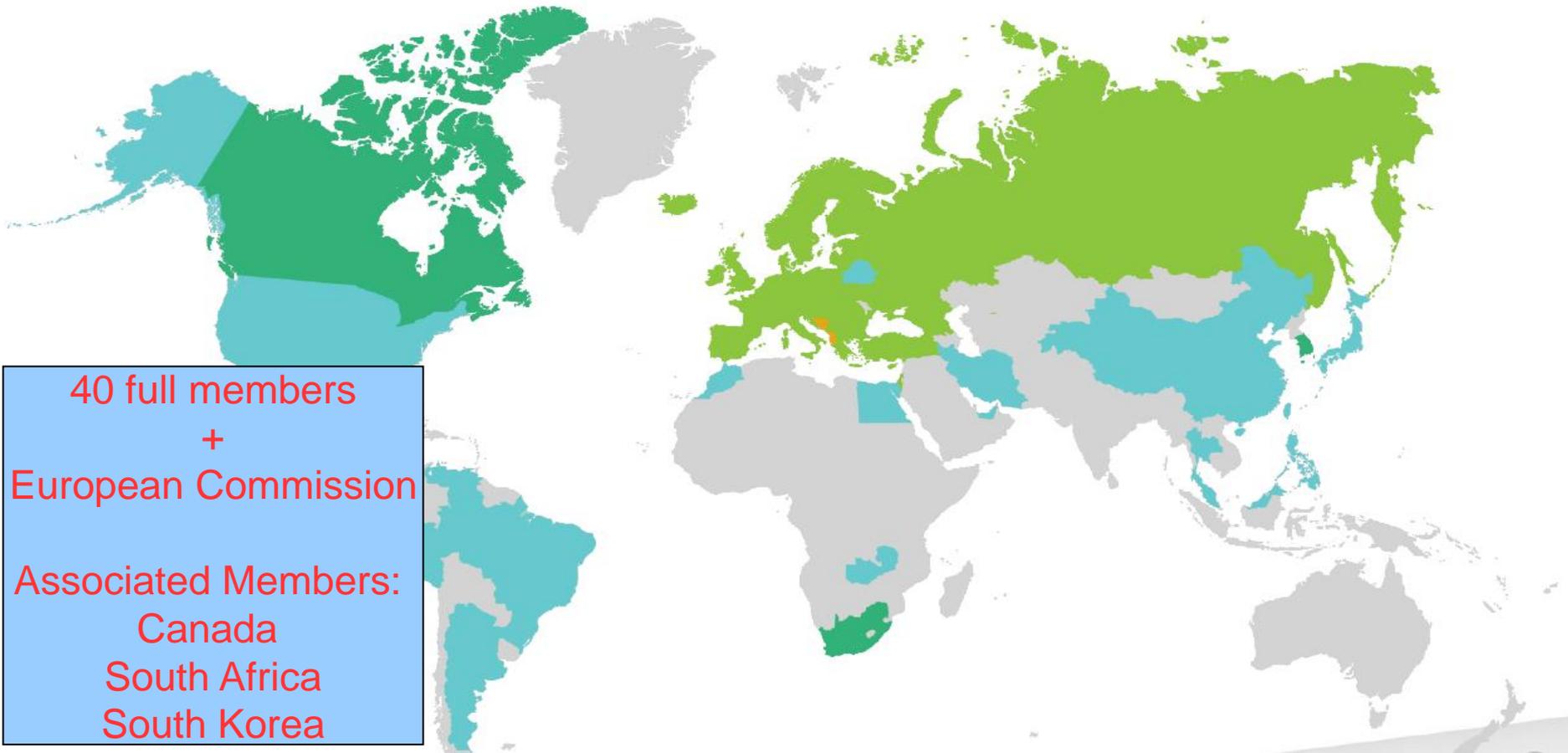




More than 40 EUREKA countries

EUREKA Σ
innovation across borders

● Full members ● Associated countries ● National information points ● International cooperation



40 full members
+
European Commission
Associated Members:
Canada
South Africa
South Korea



EUREKA characteristics

Market-oriented nature



Innovative product, process or service



Bottom-up approach

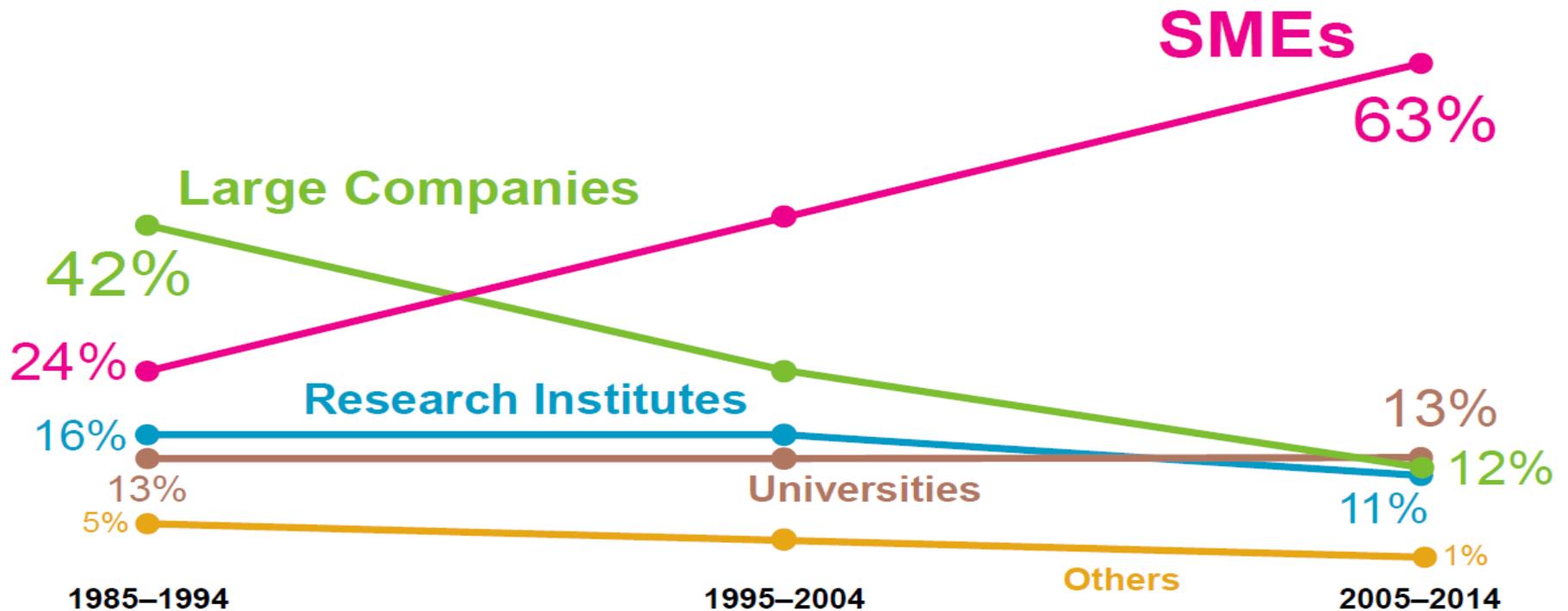


International cooperation





Participants in EUREKA projects



Industry is representing 75% of participants
Data for EUREKA Projects and Eurostars



Technology area



Electronics, IT
and Telecoms
Technology



Industrial
Manufacturing,
Material and
Transport



Biological
Sciences /
Technologies



Technology for
Protecting Man
and the
Environment



Energy
Technology

1985–2014

29.4%

21.4%

17.7%

6.4%

6.3%

2008–2014

30.0%

18.5%

21.4%

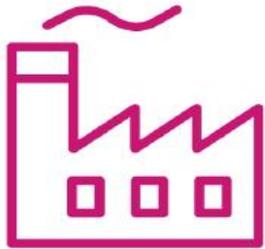
5.3%

6.8%

Data for EUREKA Projects and Eurostars



Market area



Industrial
Products /
Manufacturing

1985–2014

20.2%

2008–2014

19.3%



Medical /
Health
Related

20.0%

22.1%



Transportation

9.8%

8.6%

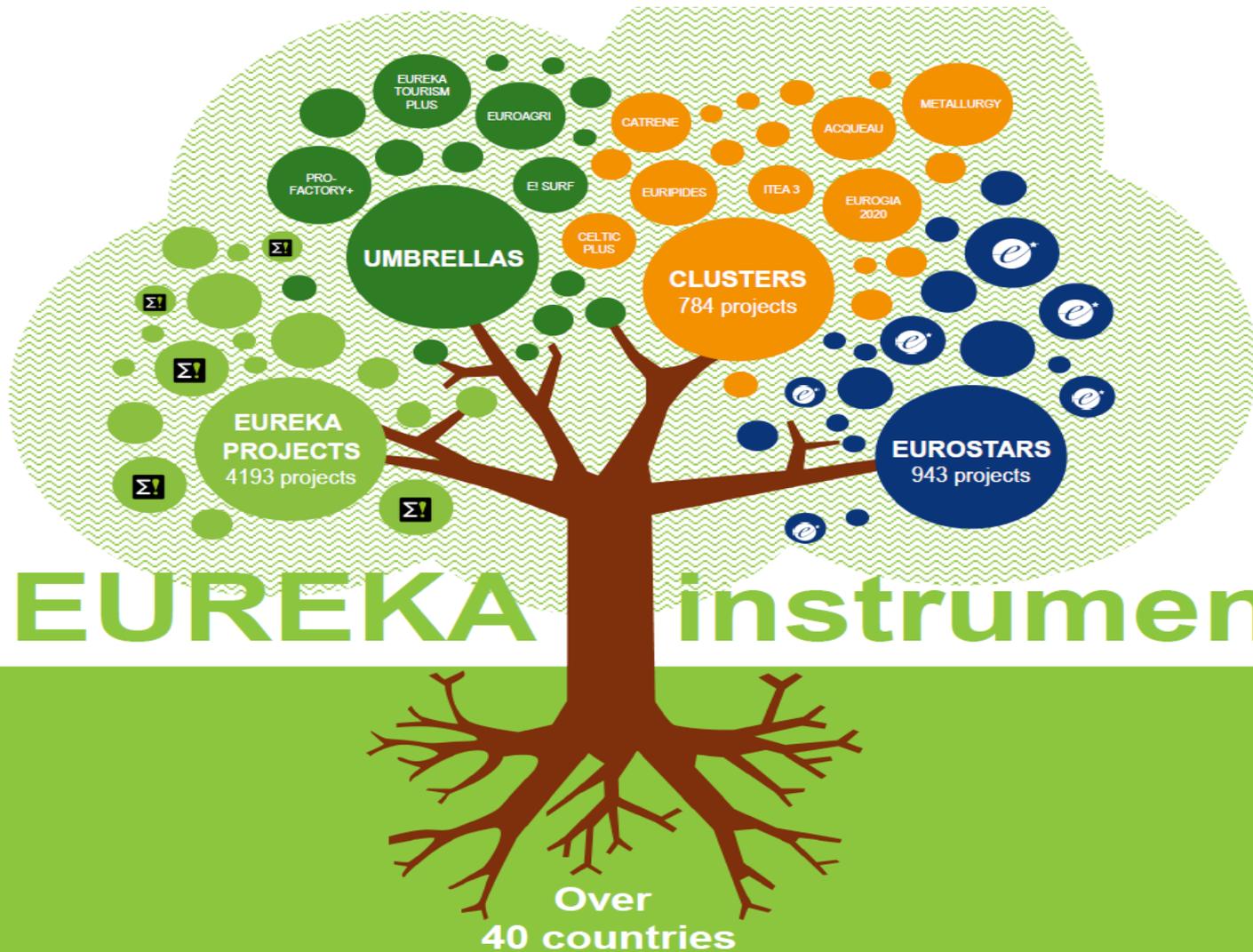


Consumer
Related

9.5%

8.8%

Data for EUREKA Projects and Eurostars



EUREKA instruments

Over
40 countries





EUREKA Clusters



Industry led initiatives

- Medium term
- Strategically significant
- International ecosystem of R&D&I actors



Large number of participants

- Major European industries
- Large SME participation (30–50% of partners)



Fostering European competitiveness

- Develop generic technologies and standards
- Address economic and societal challenges

Clusters represent 70% of the budget of EUREKA project portfolio



A typical Cluster project is...

EUREKA 
innovation across borders

Data for
2008–2014



4–14 participants



3–4 countries



average duration

31 months



average project cost

€2 - €15 million



EUREKA Clusters

EUREKA 
innovation across borders

ACQUEAU
making your project happen

Innovation in
water technologies



Micro and Nano
electronics

 **Celtic-Plus**
Smart Connected World

Telecommunications

ΣURIPIDES²
European Smart Electronic Systems

Smart electronic
Systems

eurogia ²⁰²⁰

Low carbon energy
technologies

 **ITEA³**

Software intensive
systems and
services

**metallurgy
europe**

New Cluster on
Metallurgy

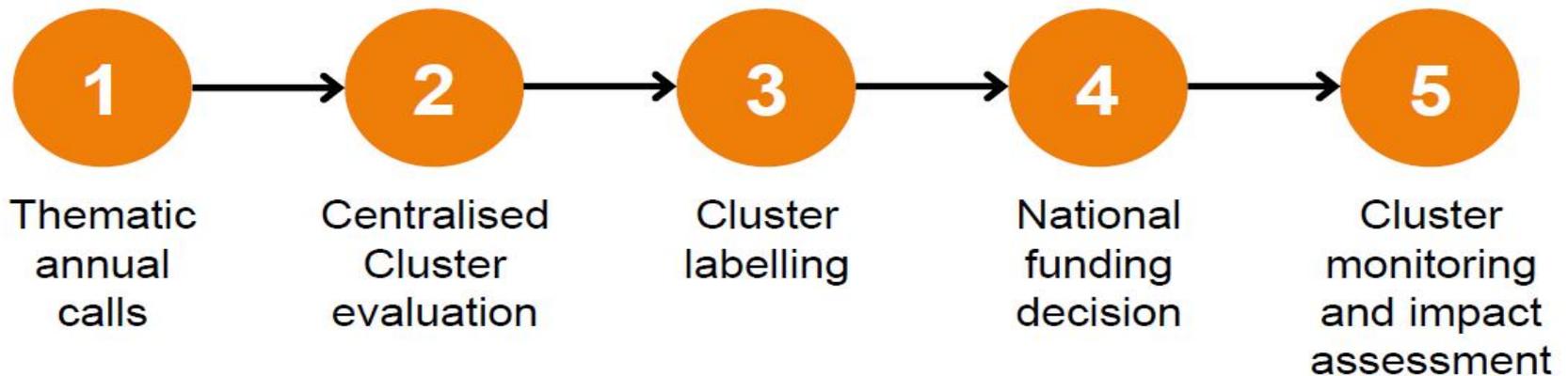


EUREKA Structure of Clusters





EUREKA Clusters procedures





EUREKA Acqueau Cluster (1) – Technology Areas

- **Water resources:** optimising use and reuse of underground and surface water
- **Water treatment:** developing low energy processes and ensuring water quality
- **Water distribution:** optimising the cost of water management and developing efficient network pipes
- **Customer requirements:** ensuring a smart use of domestic water and reuse of grey water and monitoring quality at the tap
- **Agriculture:** achieving a sustainable production by improving irrigation technologies and cropping practises
- **Industry:** ensuring a sustainable use of water in industrial processes and producing effluents of stable quality
- **Urban drainage and wastewater collection:** preventing foul water flooding and ensuring efficient sewers system
- **Wastewater treatment:** changing from a consuming industry to one producing resources
- **Biosolids:** maximising energy and resource recovery and producing by-products with high-energetic potential



EUREKA Acqueau Cluster (2) – Main Challenges and Major Programmes

Main Challenges:

- Reducing the water footprint
- Improving water resources management and accessibility
- Managing with aging or insufficient infrastructures
- Coping current social, financial and global issues facing the water sector

Major Programmes:

- Membrane Technology
- Real Time System Management
- Low Energy Wastewater Treatment
- Materials to Pipe and Coating
- Low Energy Process for Disinfection and Oxidation

Further information: ACQUEAU BLUE BOOK



EUREKA Acqueau Cluster (3) – Be Eligible and Successful

ELIGIBILITY CRITERIA:

- Proposals must involve at least two partners from two different participating countries
- Proposals must have a strong market and exploitation orientation
- The contribution from any given country must not exceed 70% of the total budget. In parallel, the contribution from any one partner (affiliated organisations count as one partner) must not exceed 70% of the total budget either.

KEYS TO SUCCESS :

- Contact and start negotiations with your National Funding Authorities in parallel to the Open Call process
- Make sure your proposal is complete and respect ACQUEAU eligibility criteria
- Pay attention to the style of your proposal – it should be easy to read, clear, comprehensive and reflect the degree of innovation evident and the potential for successful exploitation.



Acqueau Project Outline Submission is **October 15th 2015, 17:00 CET. OPEN**

Acqueau Full Project Proposal Submission is **November 27th 2015, 17:00 CET.**

Next call: Spring 2016 – Autumn 2016

<http://www.acqueau.eu/>

information@acqueau.eu



EUREKA Country Specific Rules - HUNGARY

- **Funding Rate:** Max. 80% for small enterprises, max. 75% for medium enterprises, max. 65% for large enterprises
- **Maximum Funding per Project:** Max. cca. 225.000 € (70 M HUF)
- **Total budget available:** cca. 1.300.000 € (400 M HUF)

Hungarian EUREKA call is planning to open at the end of November (preliminary information)



Thank you for your attention!

Mr. Gergely Mészáros

EUREKA/Eurostars

National Project Coordinator (NPC)

+36-1-896-3741

gergely.meszaros@nkfi.gov.hu