

EUREKA

Innovation
across
borders



We bring together innovators
across borders and national
agencies with an international
perspective.



www.eurekanetwork.org

Professor Hubert Curien

physicist and EUREKA founder

(1924-2005)



“

- we wanted to promote a bottom-up approach. We did not want to decree at government level what would be good for industry and research, but to listen to the proposals of researchers and industrialists, to set up innovative projects that would also have a unifying effect. Bureaucracy had to be avoided. We did not want to define sectors in advance. We did not want to put any constraints on imagination.

”

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A pdf version of this document can be downloaded from www.eurekanetwork.org

What is EUREKA?

EUREKA remains today the only initiative of its kind committed to the **'bottom-up'** principle -ensuring that any R&D project with a good business plan receives the support it deserves , independent of the technological nature of the research project, or the type of organisations involved.

EUREKA is also an answer to a paradox: while innovation is increasingly becoming an international activity, national programmes in Europe still represent **more than 90% of the public funding available to researchers and innovators**. And only 4% of that funding is currently used for transnational collaboration. This is simply not enough. We believe that cross-border collaboration is crucial for European industry to compete effectively on world markets in advanced technologies.

Since 1985



5000+ projects



35+ BILLION €
public-private funding



3 average number of countries per project

This is why our mission is to **raise the productivity and competitiveness of European businesses through technology while boosting national economies on the international market.**

EUREKA is a European initiative, our people in national EUREKA offices across over 40 countries dedicate their time and efforts to projects involving partners from different countries. EUREKA is a decentralised structure, this means that applicants for EUREKA support are **guided and funded at national level** by their local project coordinators (NPCs): they are the first point of contact for organisations wishing to expand their activities internationally. For those companies, institutes and universities, **EUREKA is a catalyst for public funding**. To innovation agencies, EUREKA is an ideal platform for the coordination of international R&D projects, while accommodating their local rules and priorities.



5600+
SMEs



2100+
Universities



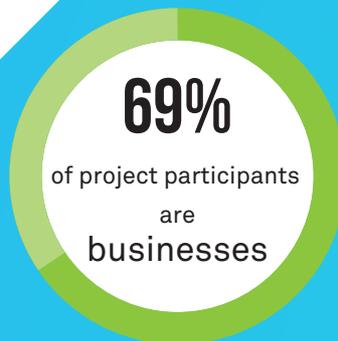
2400+
Research centres



4100+
Large companies

How does it work?

At the heart of EUREKA are R&D projects. Evaluated by experts, these are based on two key requirements: the research must be **market-driven**, with the final result of the project being a commercially viable new product, process or service - and the organisations developing it must come from **at least two different EUREKA countries**. Those principles have made EUREKA extremely popular within the innovation industry: overall, businesses represent 69% of all EUREKA project participants. EUREKA today comprises three instruments adapted to the evolving needs of both innovative companies and the national administrations supporting them, together implementing the EUREKA principles.



EUREKA INDIVIDUAL PROJECTS

An application for a EUREKA individual project can be submitted all year long.

Open to any type of organisation and technology.

A platform for collaboration between national funding agencies, and are also EUREKA's most used instrument: accounting for some 90% of all projects.

Any national innovation support programme can fund a EUREKA project.



EUREKA CLUSTER PROJECTS

These strategic initiatives are launched by major European multinationals and mandated by the national public authorities that are part of EUREKA.

For SMEs, Clusters are the ideal instrument for a first collaboration with a major player in their sector.

Focus on particular industrial sectors where European companies hold a position of leadership: ICT, low-carbon energy and water.

A platform for big companies to work together on pre-competitive technologies.



EUROSTARS-2 PROJECTS

The project leader is a company of less than 250 employees, dedicating some of its capital and workforce to R&D.

Products resulting from Eurostars projects must be put on the market within two years.

A joint EUREKA-EU programme - offering SMEs national funding from a dedicated budget topped-up by an EU contribution. The EU contribution represents 33% of the national contribution.

INDIVIDUAL PROJECTS

3
average number of participants

1.8 MILLION €
public-private funding

44%
SMEs

28%
Large companies

25%
Universities and Institutes

CLUSTER PROJECTS

19
average number of participants

16 MILLION €
public-private funding

36%
SMEs

33%
Large companies

30%
Universities and Institutes

EUROSTARS-2 PROJECTS

3
average number of participants

1.4 MILLION €
public-private funding

72%
SMEs

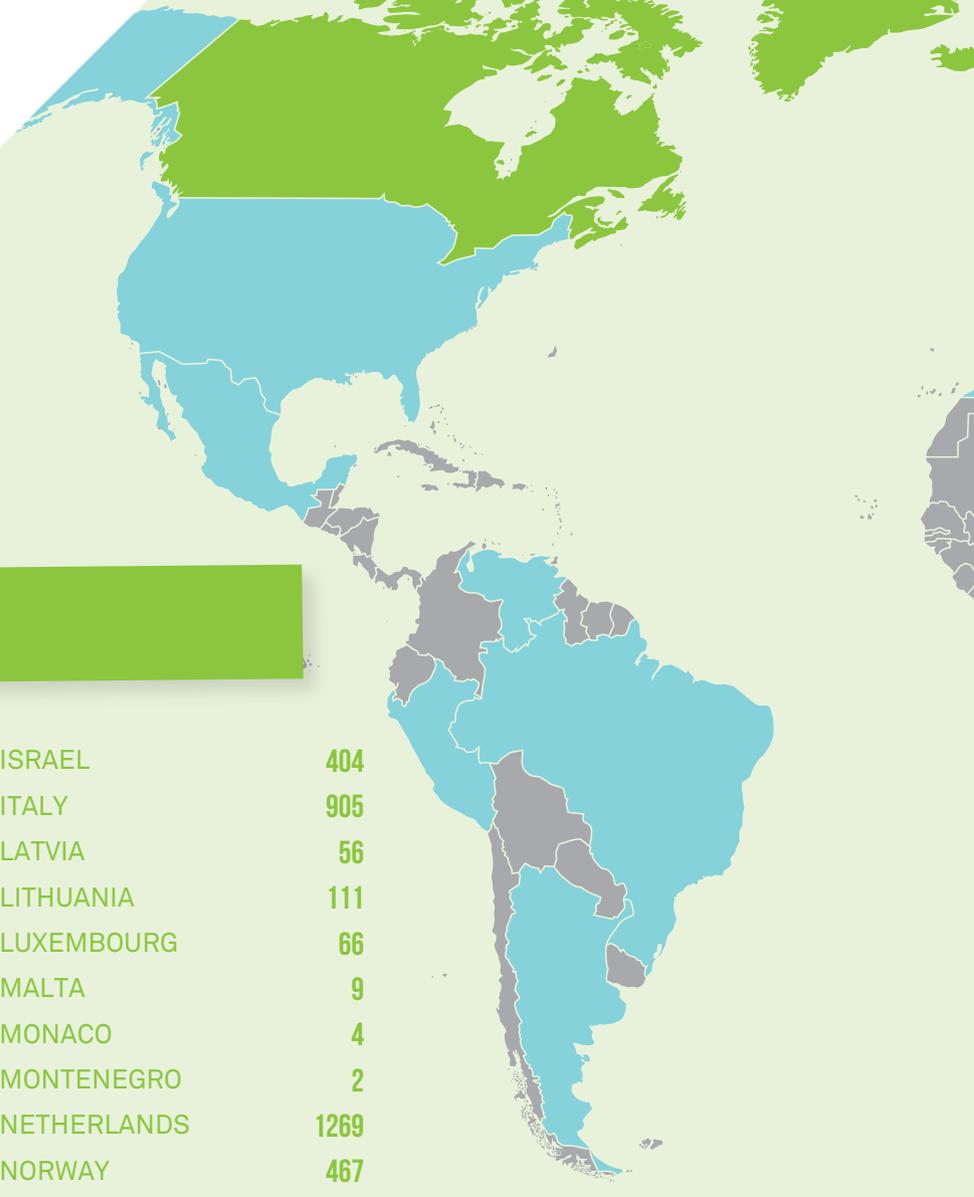
6%
Large companies

21%
Universities and Institutes

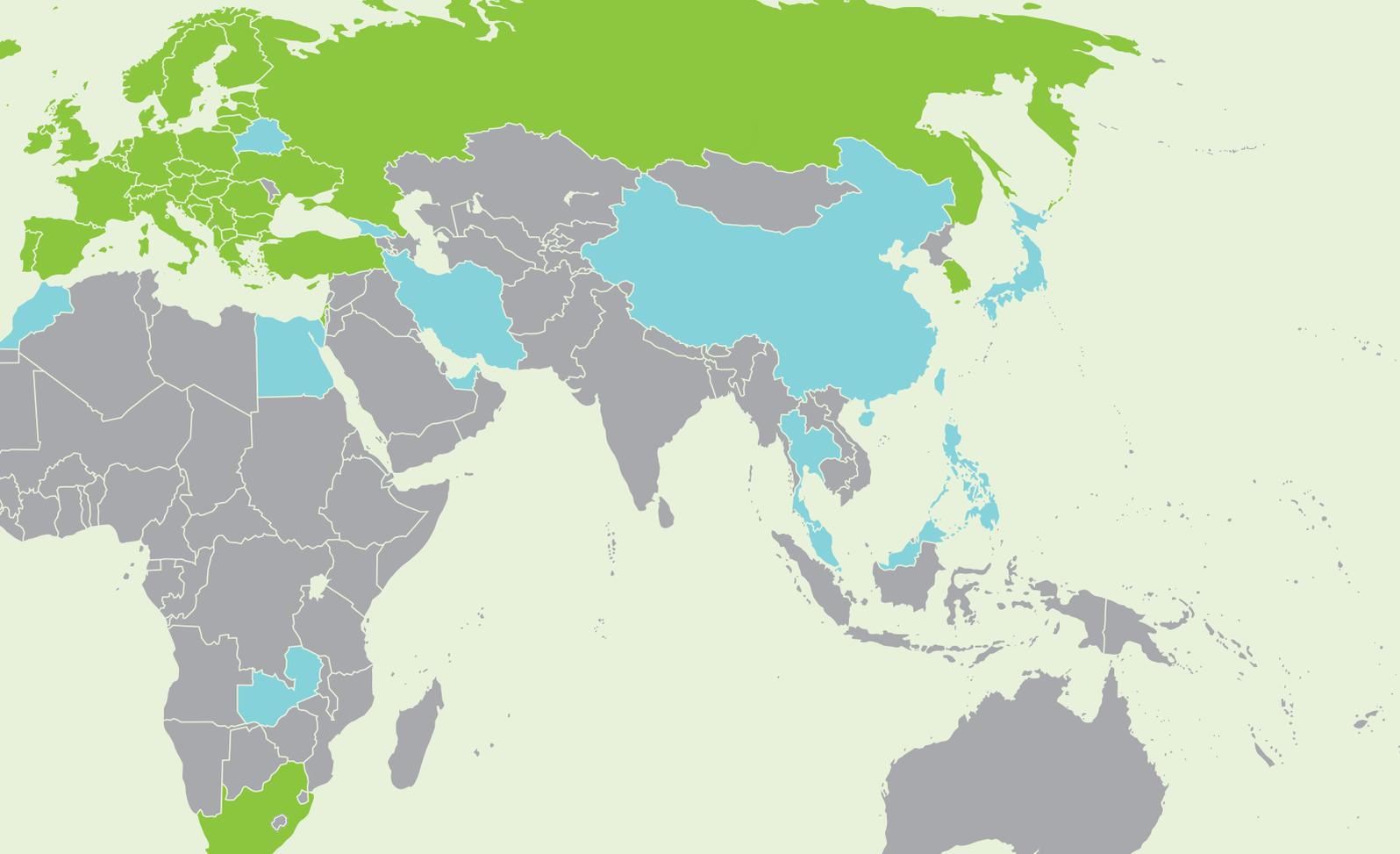
Publicly-supported
innovation,
from Europe
to the world

EUREKA MEMBERS

project numbers by country



AUSTRIA	606	ISRAEL	404		
BELGIUM	801	ITALY	905		
BOSNIA-HERZEGOVINA	4	LATVIA	56		
BULGARIA	8	LITHUANIA	111		
CANADA	33	LUXEMBOURG	66		
CROATIA	70	MALTA	9		
CYPRUS	43	MONACO	4		
CZECH REPUBLIC	399	MONTENEGRO	2		
DENMARK	353	NETHERLANDS	1269		
ESTONIA	40	NORWAY	467		
FINLAND	582	POLAND	254	SOUTH AFRICA	2
FRANCE	1953	PORTUGAL	373	SOUTH KOREA	54
FYROM	8	ROMANIA	153	SPAIN	1462
GERMANY	1762	RUSSIA	112	SWEDEN	810
GREECE	295	SAN MARINO	14	SWITZERLAND	585
HUNGARY	180	SERBIA	91	TURKEY	325
ICELAND	35	SLOVAKIA	100	UKRAINE	31
IRELAND	144	SLOVENIA	333	UNITED KINGDOM	851



INTERNATIONAL COOPERATION

ARGENTINA

BAHRAIN

BELARUS

BRAZIL

CHINA

EGYPT

GEORGIA

IRAN

JAPAN

LIECHTENSTEIN

MALAYSIA

MEXICO

MOROCCO

PERU

PHILIPPINES

SINGAPORE

SOUTH AFRICA

TAIWAN

THAILAND

UNITED ARAB EMIRATES

U.S.A.

VENEZUELA

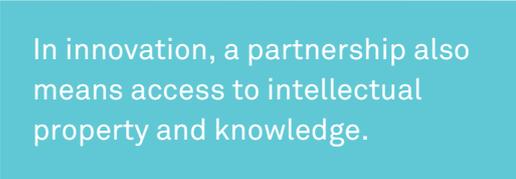
ZAMBIA

Did you know?

The cross-border nature of EUREKA projects enables participants to build partnerships with organisations, thereby developing skills and capabilities which may not be available within the borders of their own country. This collaboration also **opens up new markets** for the product developed by the project consortium. Our impact studies have demonstrated the direct positive correlation between EUREKA projects and **economic growth** and **job creation**. But the most visible result of EUREKA projects are the **technologies** we take for granted in our everyday life.



EUREKA
provides funding
and advice to
project partners



In innovation, a partnership also means access to intellectual property and knowledge.



Collaborating with partners and accessing public funding reduces the risks linked to all R&D endeavour.



With 1 M€ in public funding EUREKA allows the creation of an average 38 jobs, in R&D but also low-skill jobs on the factory floor.

1 M€



The most visible result of EUREKA projects are the technologies we take for granted in our everyday life, mp3, mobile phones... and products of the future, like the self-driving car.



With 1 M€ in public funding EUREKA participants achieved an increase in turnover of 2.5 M€ on average and anticipate an additional 7.2 M€.

EUREKA projects foster exports and open up new markets for the products developed by the projects' consortia.



Talking about EUREKA

From the start, we knew our project would be too broad to be handled by a single company. With the help of EUREKA, we were able to assemble a consortium of 19 members from eight countries.

EVERT VAN LOENEN

Principal Scientist at Philips Research

Experience gained in EUREKA helped the learning process: when we began our 'new life' in 1989, our economy was on a par with those of Ukraine and Belarus; now we have moved significantly ahead; our enterprises are competing on the larger global scene — on a basis of quality, rather than simply price.

JAN FRACKOWIAK

Former EUREKA High Level Representative, Poland

Today, we are operating in a restrictive economic climate, so we must make a greater effort to maintain the emphasis on near-market R&D. The globalisation of markets presents opportunities as well as threats; we need to create more world champions, especially SMEs, to capitalise on those possibilities.

RÉMY RENAUDIN

Operation manager EUREKA Cluster EURIPIDES

EUREKA is best suitable for the pre-commercial development of innovative technologies for important European business areas. It does this by initiating and supporting focused and committed teams of European stakeholders, RTOs and companies.

PETER VAN STAA

Vice-President Engineering Robert Bosch Automotive

The funding of our project through EUREKA helped establish a 'good manufacturing practice' service provider in Europe, able to offer certified services. This is of great value in our cost-conscious environment.

MAE SHIEH

Head of Operations at Novartis Vaccines Institute for Global Health

Eurostars, the joint EU-EUREKA programme for SMEs, is a success story of cooperation between the European Commission and EUREKA.

ROBERT-JAN SMITS

Director General Research and Innovation at the European Commission

EUREKA was established almost 30 years ago. We are delighted to note that the original vision of cooperation on research beyond national borders is more relevant now than ever.

MAURO DELL'AMBROGIO

State Secretary for Education, Research and Innovation Switzerland

When we ask participants in EUREKA projects about the benefits of taking part in EUREKA, their answer is not only about the new technologies developed, but also on the market access gained.

KRISTIN DANIELSEN

EUREKA Chairwoman 2013-2014

EUREKA has always been a great opportunity for companies and research institutes to collaborate in the field of R&D across European borders and even worldwide. This has helped most of them, in particular SMEs, to become more international, to open new markets abroad and thus to improve their competitiveness.

WOLFGANG AXMANN

National Project Coordinator, Germany

AUSTRIA



FRANCE



LATVIA



ROMANIA



THE NETHERLANDS



BELGIUM



FYROM



LITHUANIA



RUSSIA



TURKEY



BULGARIA



GERMANY



LUXEMBOURG



SAN MARINO



UNITED KINGDOM



CROATIA



GREECE



MALTA



SERBIA



CYPRUS



HUNGARY



MONACO



SLOVAK REPUBLIC



ALBANIA



CZECH REPUBLIC



ICELAND



MONTENEGRO



SLOVENIA



BOSNIA-HERZEGOVINA



DENMARK



IRELAND



NORWAY



SPAIN



CANADA



ESTONIA



ISRAEL



POLAND



SWEDEN



SOUTH AFRICA



FINLAND



ITALY



PORTUGAL



SWITZERLAND



SOUTH KOREA

