

# The Impact of EUREKA

## EF ECS Conference 2018

Dora Meredith

[dora.meredith@innovateuk.ukri.org](mailto:dora.meredith@innovateuk.ukri.org)

EUREKA 

innovation across borders

To facilitate collaboration on innovation  
across the world.

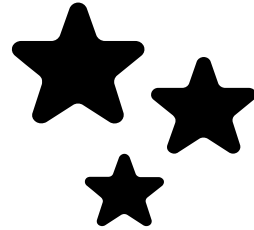
# What is EUREKA?

- Trusted framework established in 1985 to support cross border business-led R&D and Innovation
- Involves 45 countries with the potential to work with other countries
- Supports globalisation of businesses with innovative ideas
- Has four main instruments for supporting businesses

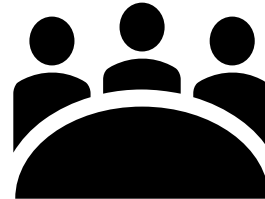
# How EUREKA supports business innovation



**EUREKA  
Network Projects**  
enable bilateral and  
multilateral projects  
between any country  
in the EUREKA  
Network.



**EUREKA  
Eurostars**  
is a programme which  
enables collaborative  
projects led by Small  
and Medium  
Enterprises (SMEs).



**EUREKA  
Clusters**  
are thematic public  
private partnerships  
which convene projects  
between SMEs, large  
industry, RTOs and  
academia.



**EUREKA  
GlobalStars**  
enables collaborative  
projects between EUREKA  
countries and partners  
outside the EUREKA  
Network (third countries).



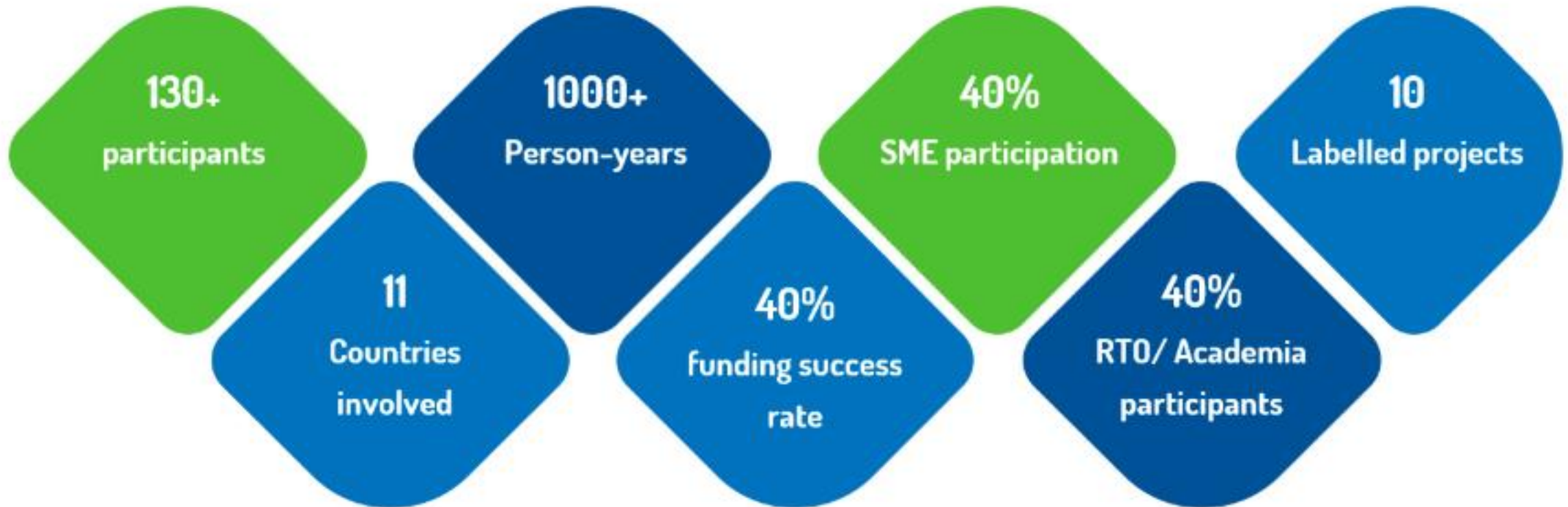
# Within the innovation ecosystem

- Unique position within the landscape
- An intergovernmental programme, driven jointly by industry and the needs of national authorities
- Flexible and agile in its approach

# PENTA Cluster

- Focus on research, development and innovation in areas of micro and nanoelectronics enabled systems and applications.
- Supports projects along the Electronic Components & Systems (ECS) value chain.
- Through annual calls, PENTA seeks to help the formation of innovation ecosystems bringing together the best technologies in large enterprises, SME's, RTO's and academia to form dynamic teams.

# PENTA up to this point...



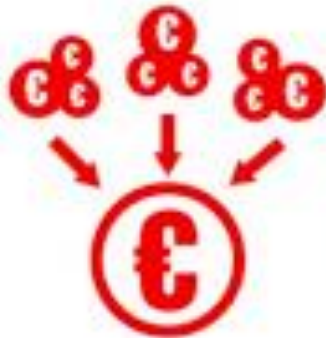




**45  
COUNTRIES**



**17,000+  
COMPANIES  
SUPPORTED**



**FUNDING  
INVESTED  
38.4 BILLION  
EUROS**



**6,800+  
PROJECTS**

# UK Chairmanship 2018/19



# Key Impact Statistics

- **87.5%** of SMEs who were the main partners in Eurostars projects reported a commercialisation of project results.
- EUREKA project participants showed an additional annual turnover growth of **15% better** than the turnover of non-participants one year after the end of projects compared to non-participating firms.
- Companies in EUREKA showed an additional annual employment **growth of 7%** compared to non-participating firms.
- Through participation in a EUREKA project, **69%** of businesses entered new markets and **68%** achieved improved market shares.

# Electronics Projects

- 88+ projects
- 529+ participants
- 242+ SMEs
- €1,603m total investment
- Many [success stories](#) on the EUREKA website

# Europe's chips stack up

- MASTER\_3D was a project under the CATRENE Cluster
- Focused on three-dimensional ICs and their manufacturing value chain
- French, German and Austrian partners
- ***“We were all interested in combining our strengths,”*** agreed Klaus Pressel, Senior Manager of Funding at German semi-conductor manufacturer Infineon. ***“We couldn’t have achieved as individual organisations what we did as a consortium. There were too many challenges to solve”.***

# Helping international police forces investigating crime and terrorism

**Programme:** Eurostars and E!nnoVest

## **Innovation:**

- Combines high-end computer vision techniques with blazingly fast database search
- Automatically compares huge amount of visual content in a fraction of the time it takes a human
- Identifies victims, perpetrators, and locations of crimes using large database
- Supports the process of scanning seized storage devices
- Uses visual fingerprints - a single point within an image that captures mathematical characteristics related to contrast and shape

**Partners:** Videntifier, Forensic Pathways, IRISA

**Countries involved:**    **Total R&D Investment:** €1,183,220

## **Impact:**

- Credibility of EUREKA helped Videntifier to be appointed main tech provider to Interpol's International Child Exploitation database
- The project led to securing private investment and the company has subsequently grown in staff
- Technology deployed to globally to major law enforcement organisations including Korean National Police Agency, EUROPOL and the UK Home Office
- The company has expanded beyond the law enforcement domain to copyright protection and content monetisation
- Sold license to Facebook in the largest single company transaction to date in February

## INNOVATING ACROSS BORDERS FOR BUSINESS GROWTH

Global  
Innovation  
Summit

EUREKA

MANCHESTER 14-16 MAY 2019

- Access to global network of innovation influencers
- Truly global representation – content and delegates from all over the world
- Unique insights into government funding landscapes due to the engagement with policy makers – one stop shop for this knowledge
- Practical ideas and solutions to encourage collaboration alongside inspiration in the form of existing successes – not just a showcase
- Hands on – interactive and transactional content, not a traditional conference format