

# EUREKA

International cooperation between the Czech  
Republic and its partners within EUREKA  
and Eurostars programme  
28 November 2018

Philippe Vanrie,  
Head of the EUREKA Association

**EUREKA**   
innovation across borders

# EUREKA and Eurostars

“Collaborative but agile, R&D intensive but innovative, knowledge-based but market-driven & industry-led, bottom-up but smart & specialized, open to all ecosystems’ players but SMEs-centric, multi-beneficiary but downstream & close to market, providing grants but also non-financial support, pan-European but anchored in a decentralized network of innovation agencies, Europe-based but a true global community, clearly a public intervention but a strong private sector drive, inter-governmental but synergetic & complementary to EU instruments.”

## EUREKA is...



1  
Leading  
platform for  
international  
cooperation



2  
Intergovernmental  
network



3  
Supporting  
market-oriented  
R&D  
projects



4  
Facilitating  
access to  
finance



More than €38.4 billion  
invested

1985

11600+

SMEs

3800+

Universities

4000+

Research  
Centres

7300+

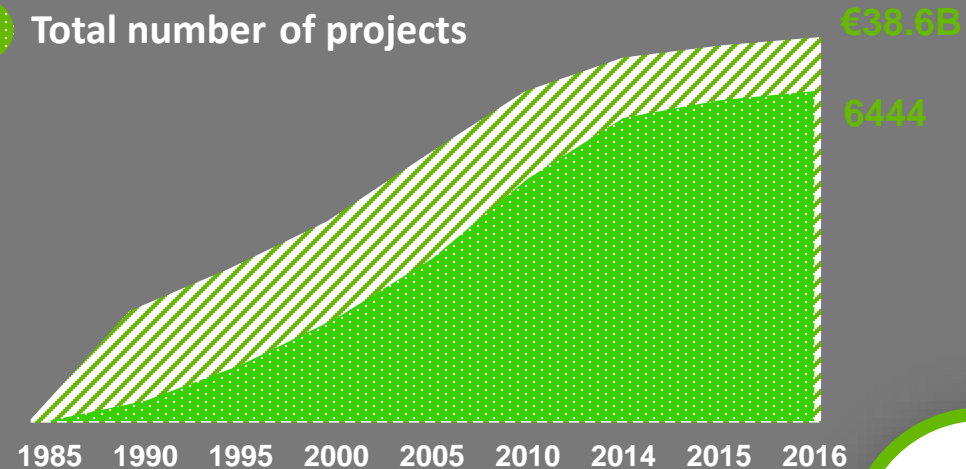
Large  
Companies



Total budget



Total number of projects

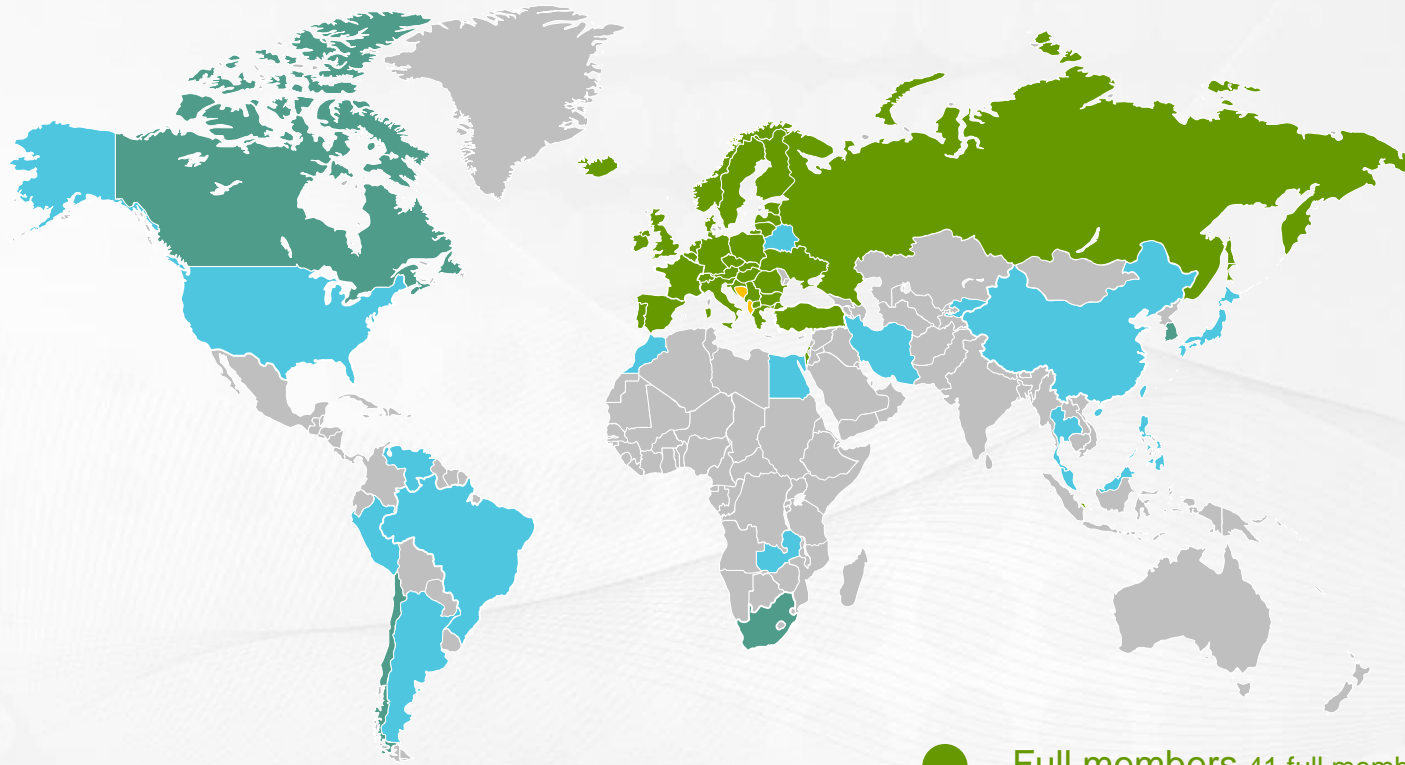






2018

More than 6800 projects  
launched

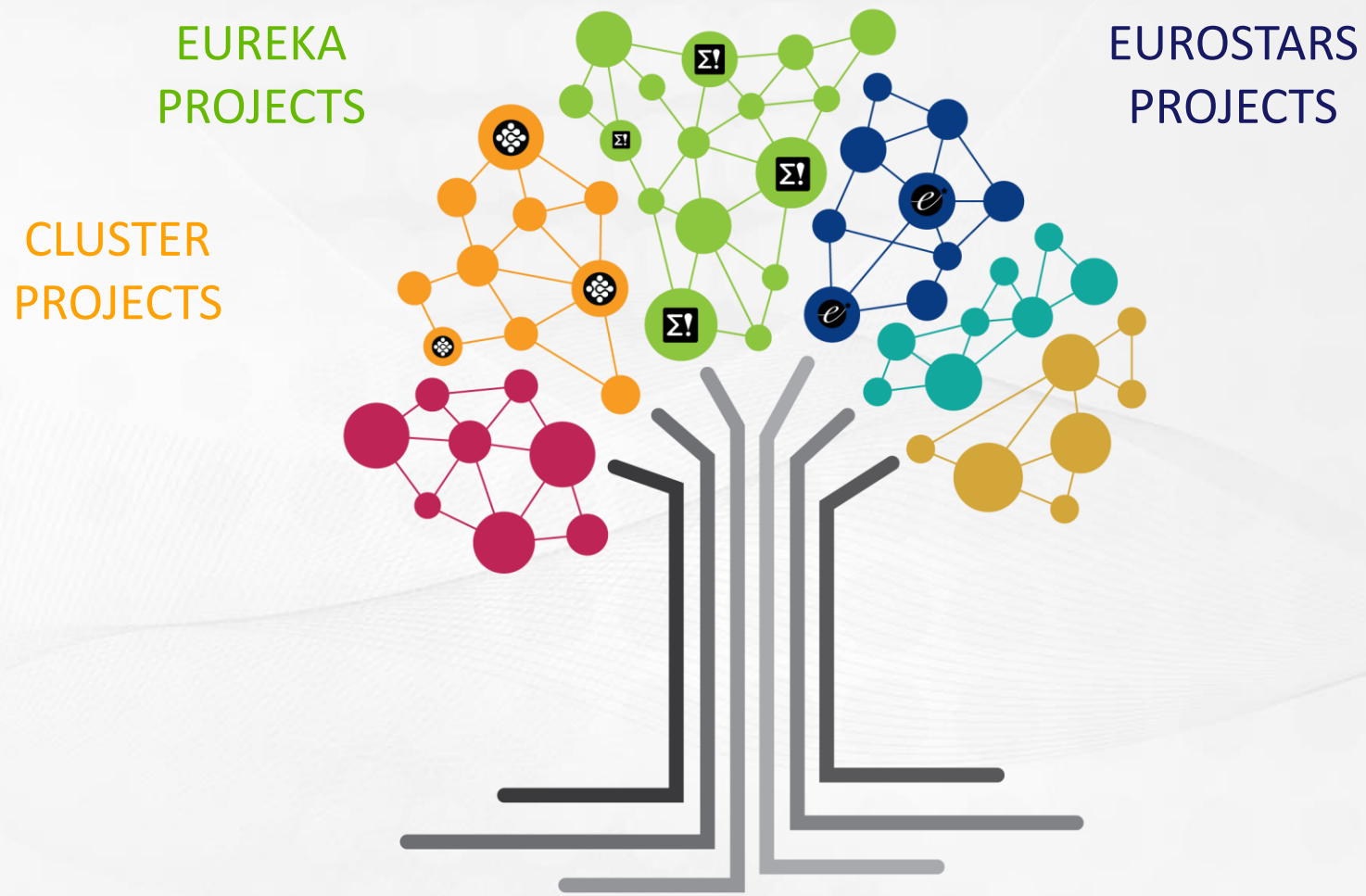


# THE EUREKA NETWORK



-  Full members 41 full members (40 countries + European Commission)
-  National information points
-  Associated countries
-  International cooperation

# EUREKA instruments



> 45 countries



## NETWORK PROJECTS



Innovative product,  
process or service  
with a civilian purpose



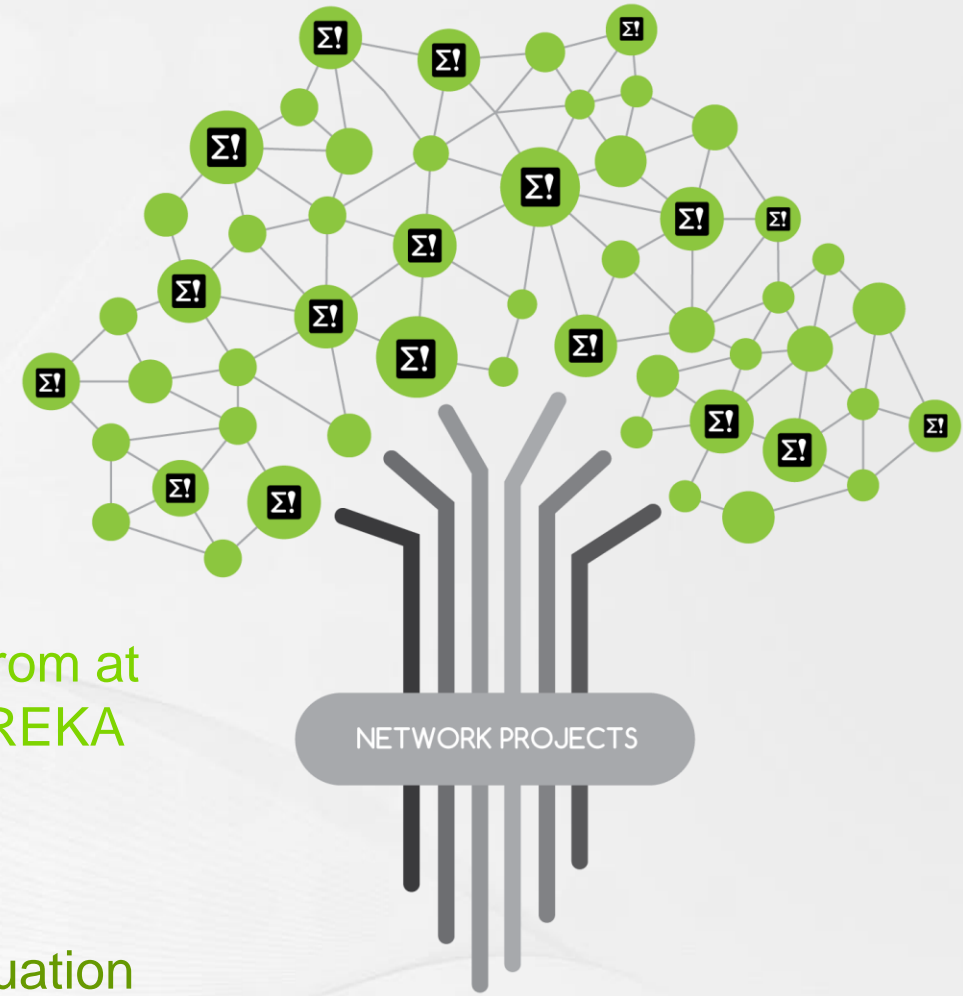
Participants from at  
least two EUREKA  
countries



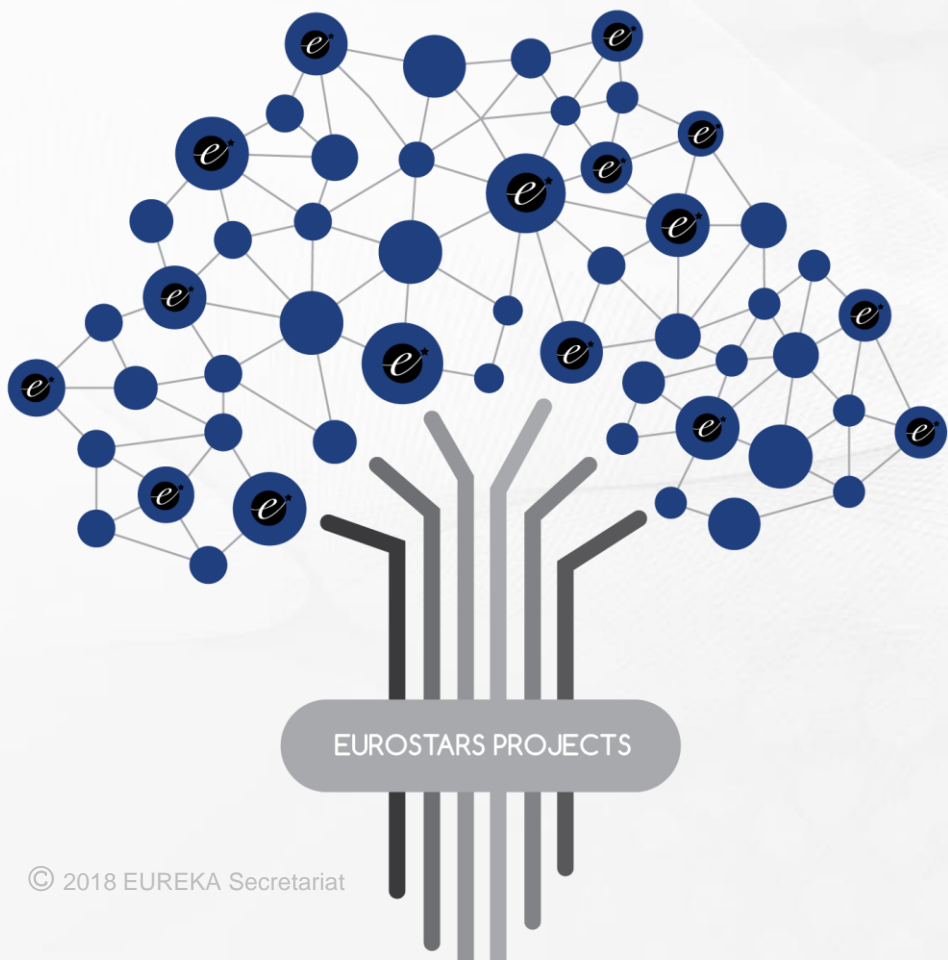
No thematic restrictions  
but projects need to  
reflect market demand



National evaluation  
procedures &  
funding



## EUROSTARS IS ...



Joint programme  
between EUREKA  
and EU



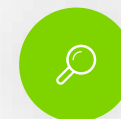
Dedicated  
to R&D-performing  
SMEs



International  
cooperation



Bottom-up



Market-oriented



## EUREKA CLUSTERS



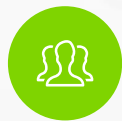
### Industry led initiatives

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



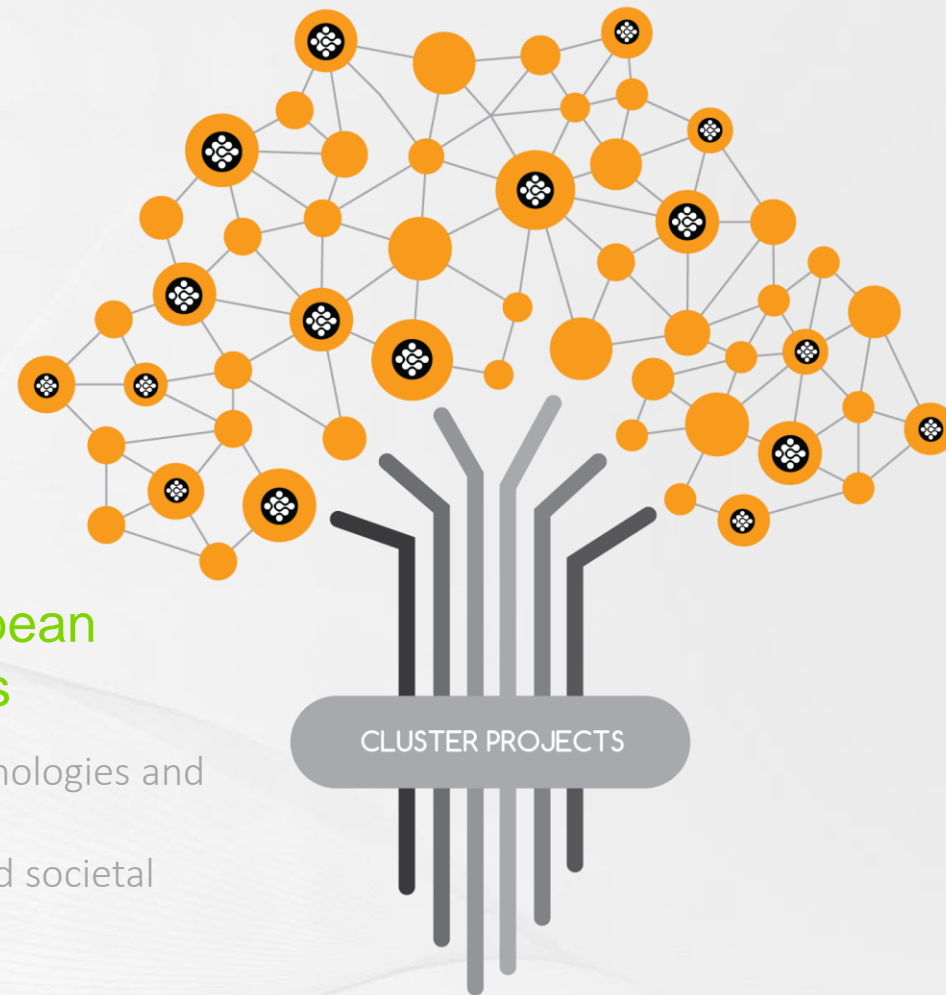
### Fostering European competitiveness

Develop generic technologies and  
standards  
Address economic and societal  
challenges



### Large number of participants

Major European industries  
Large SME participation  
(30–50% of partners)  
Research organisations and academia





# EUREKA benefits

Close to market

Significant increase in  
annual turnover of EUREKA  
participating firms.

15%

Source: Prognos AG et al, Impact assessment of EUREKA Network  
Projects and Clusters projects, 2017



# EUREKA benefits

## Employment

Positive employment  
effects for participating  
companies

7%

## Competitiveness

Strengthened  
commercial position of  
participating firms

Source: Prognos AG et al, Impact assessment  
of EUREKA Network Projects and Clusters  
projects, 2017



69%

Enter new markets



68%

Improved market shares



67%

Increased exports



69%

Increase in research staff



64%

Increase in general staff



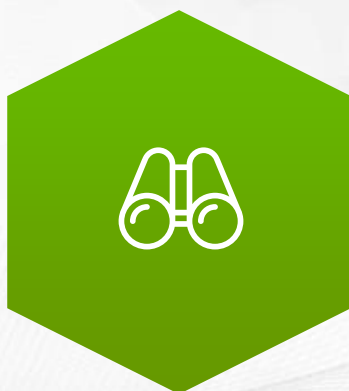
62%

Overall improvement in  
competitive position

# Motives for participation



**International  
co-operations**  
**70%+**



**New business  
opportunities**  
**60%+**



**High degree  
of flexibility**

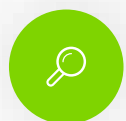


**Freedom to  
create consortia**



**Strong bottom-up  
approach**

# CZ-EUREKA participation: key stats since 2008



451 applications



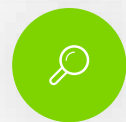
217 projects



Over €360m invested by CZ public and private sectors



39 partner countries



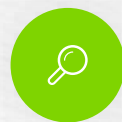
22% Eurostars success rate



Around 250 SME participations,  
161 unique SMEs



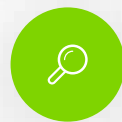
Around 70 RTO participations



129 ICT projects



109 Industrial projects

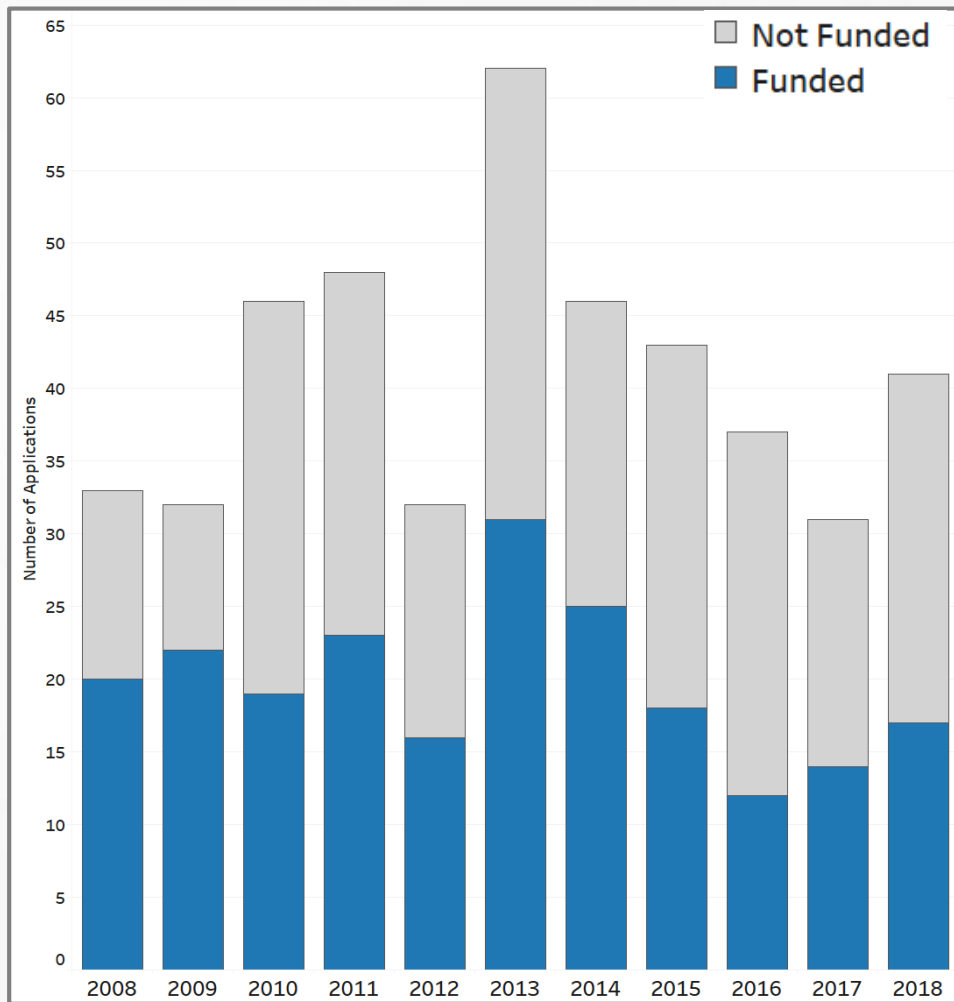


Average additional turnover:  
achieved (1.1m) expected (7.9m)

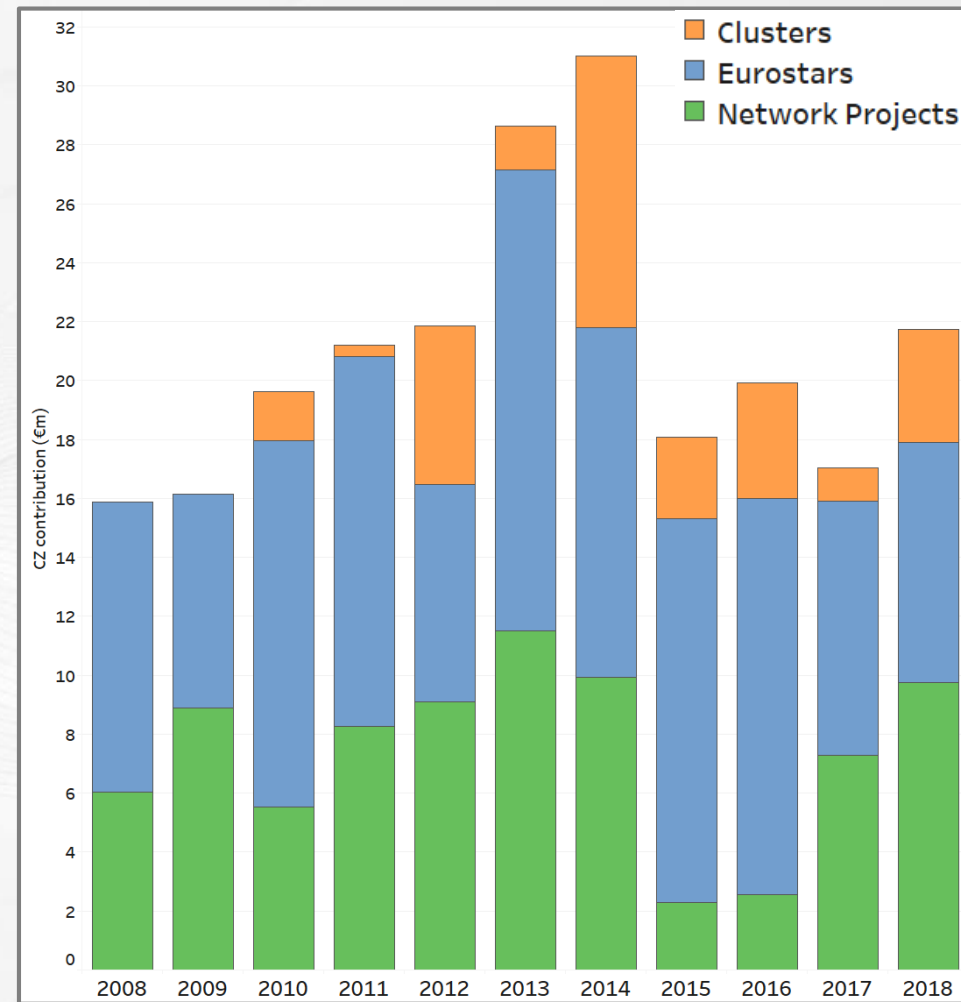


# Trend in CZ-EUREKA participation since 2008

451 applications, 217 projects

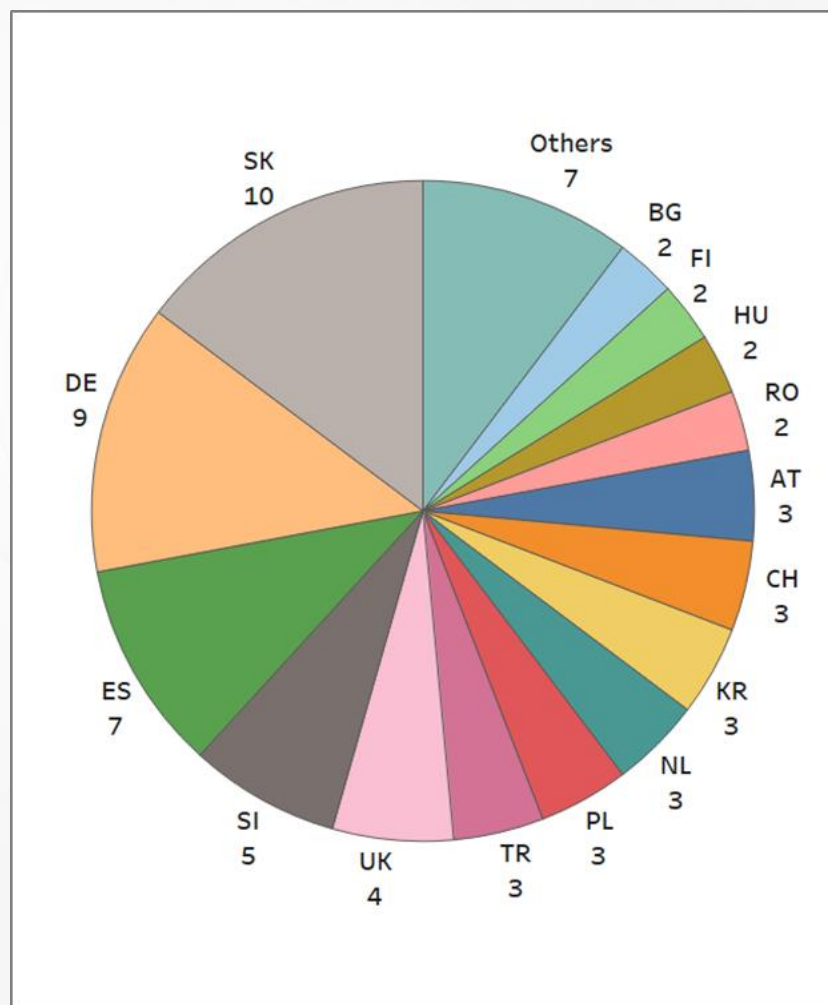


Over €360 invested by CZ

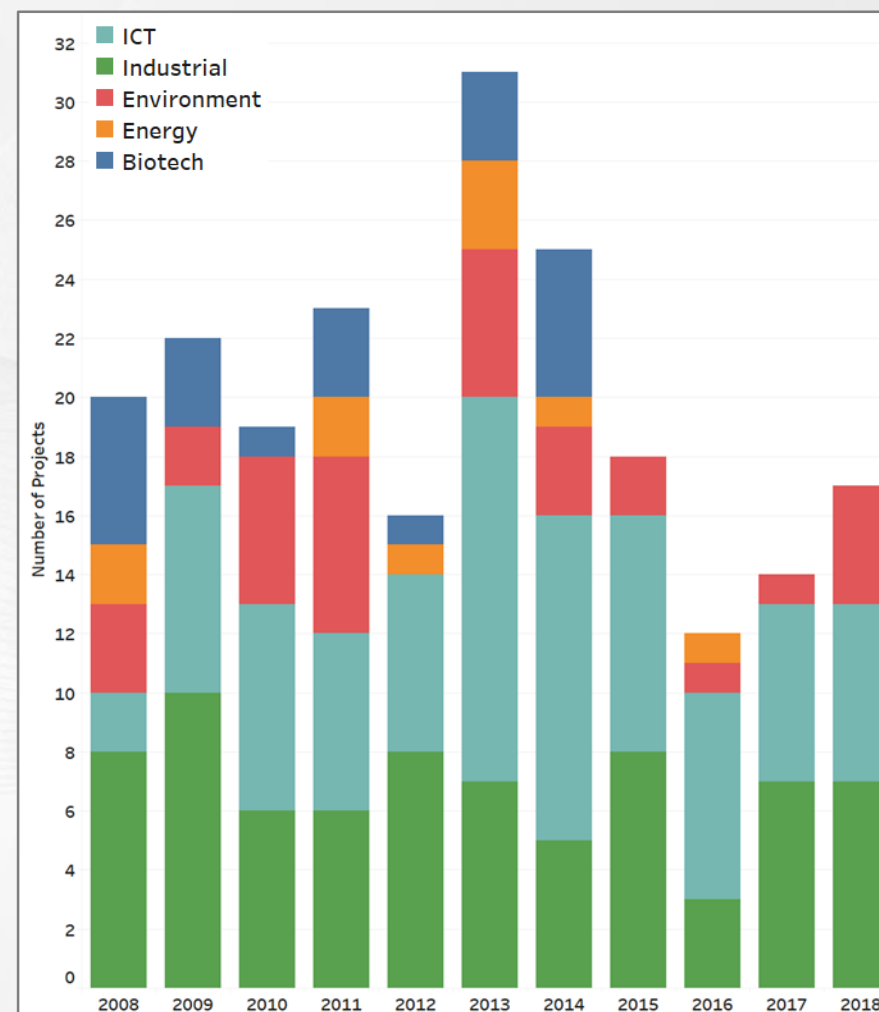


# CZ partners and tech areas 2016-18

## Partners in funded projects



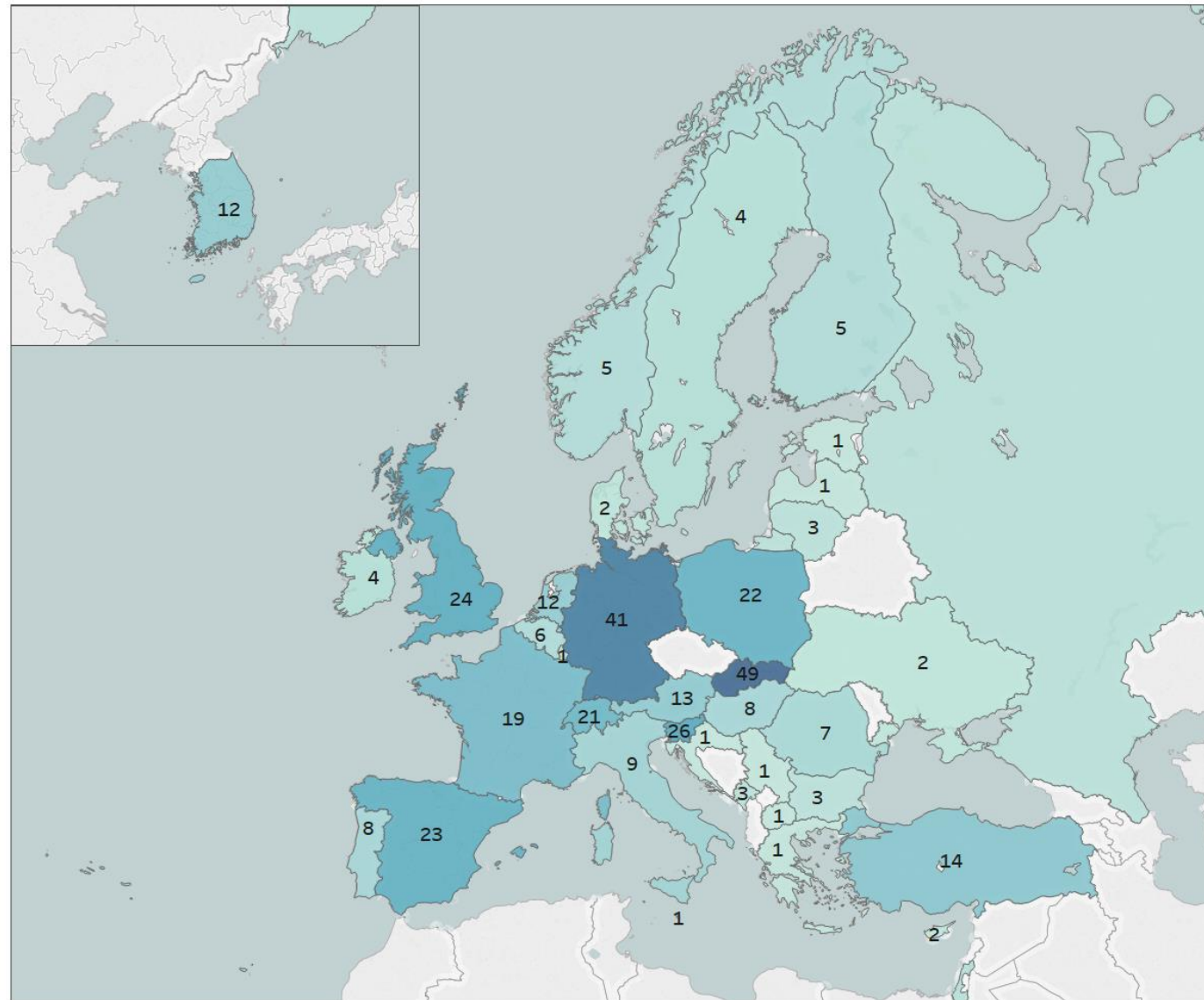
## Tech areas of funded projects

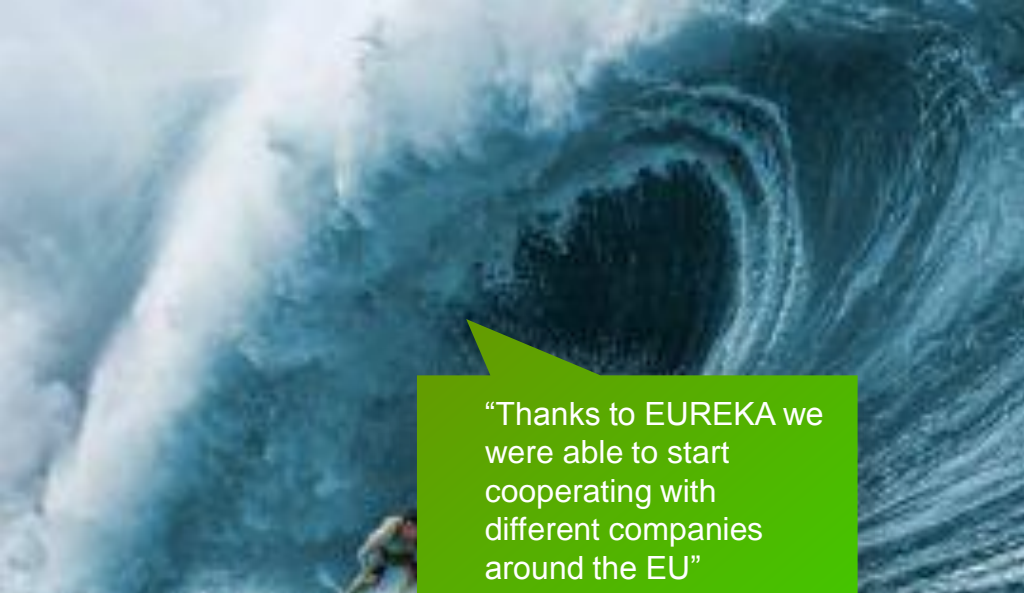


# EUREKA CZ collaboration with EUREKA partners since 2008

innovation across borders

Partner country	N. of projects
Slovakia	49
Germany	41
Slovenia	26
United Kingdom	24
Spain	23
Poland	22
Switzerland	21
France	19
Turkey	14
Austria	13
Netherlands	12
South Korea	12
Italy	9
Hungary	8
Portugal	8
Romania	7
Belgium	6
Finland	5
Norway	5
Ireland	4
Israel	4
Sweden	4
Bulgaria	3
Lithuania	3
Montenegro	3
Russian Federation	3
Cyprus	2
Denmark	2
Ukraine	2
Others	10





“Thanks to EUREKA we were able to start cooperating with different companies around the EU”

## About

The EUREKA-funded SURFJET project set out to design, produce and commercialise a custom-made surfboard powered by a 100cc engine

## Contact

MSR Engines s.r.o

[www.ochi.eu](http://www.ochi.eu)

[www.msrengines.eu](http://www.msrengines.eu)

EUREKA Success Story

# E! 4497 SURFJET SAFETY IN THEATRES SAFEGUARDED BY INNOVATIVE TECHNOLOGY

## The market

With this new 'power board', you can easily ride any wave or with no wave at all. And that promise seems to win over people's hearts: over 600 surfboards have been sold over the last three years, forcing the company to think bigger

## The impact

“JetSurf has become our top selling product and we are trying to increase production to meet the growing demand. This also means that we need more people involved in production,” explains Martin Sula, founder of Jetsurf and CEO of project leading company MSR Engines, Czech Republic. In 2013 only, the company hired 50 new employees.

Duration

**46 months**

Total project  
budget

**€0,91 M**

Countries  
involved







“The success of the Eurostars project made us one of the five most successful Middle and Eastern European companies in our field”

## About

The SECURITY MECH project's objective was to produce new linear and rotary actuators – the motors that lift and turn the parts in an electronic-mechanical system – which would comply with national and international safety standards.

### Contact

OCHI-INŽENÝRI NG

[www.ochi.eu](http://www.ochi.eu)

ochi@ochi.cz



eurostars™

EUREKA Success Story

# E! 4269 SECURITY MECH SAFETY IN THEATRES SAFEGUARDED BY INNOVATIVE TECHNOLOGY

## The market

In Eastern Europe, many theatres – as well as testing laboratories and manufacturing plants – were using machinery that was not compatible with new European regulation on health and safety of mechanical systems.

## The impact

Sales to prominent customers, including six theatres and two metalworking plants across the Czech Republic and Poland, have generated turnover of €3.75m, tens of jobs. BOSCH expects to size 25% of the market for similar products in CEE.

### Duration

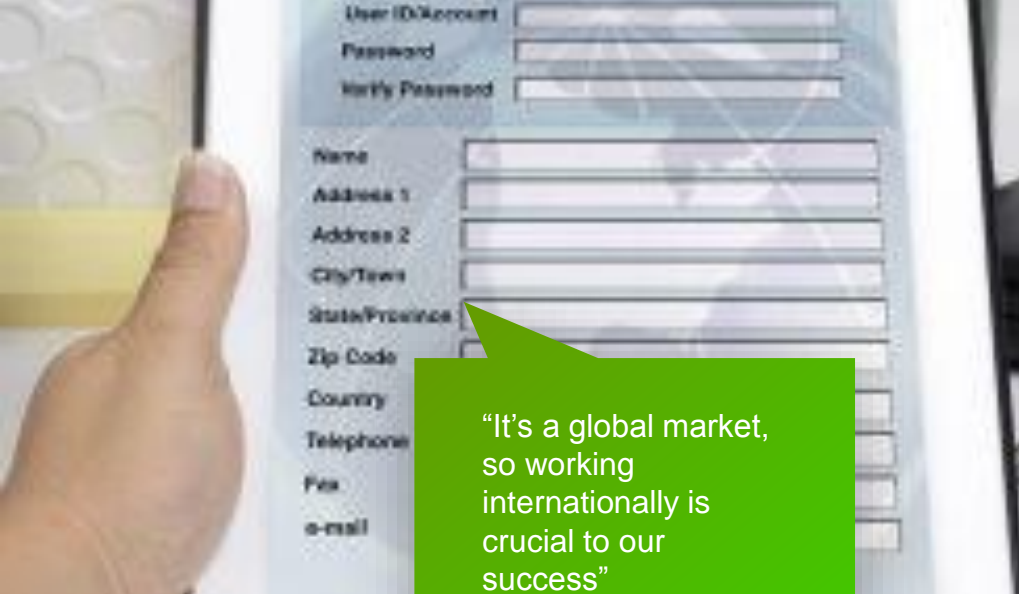
**36 months**

Total project  
budget

**€1,29 M**

Countries  
involved





## About

Software602 bet their future on a simple insight: as business and government moved online, people would increasingly need to fill out online forms. But, according to Zalis, that posed problems for many users, particularly the elderly, disabled, or anyone else on the wrong side of the digital divide.

## Contact

Software602 A.S

[www.602.cz](http://www.602.cz)

EUREKA Success Story

# E! 3582 XML\_FED

## XML FOR ELDERLY AND DISABLED PEOPLE

### The market

The result is 602XMLTech, a new product line which already underpins the Czech Post Office's Checkpoint System, which provides e-government access for those without home PCs.

### The impact

Since launching the innovative e-government products, they have almost doubled in size and expanded internationally.

Duration

**45 months**

Total project  
budget

**€2,96 M**

Countries  
involved





# Main CZ participants since 2008




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for your attention

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