



# **EUREKA and Eurostars in the Czech Republic**

## **Current support and results**

**Josef Martinec**  
**national project coordinator**

**Prague, 28 November 2018**



## Czech EUREKA Milestones (1)

- First project participation /1992/
- NIP status /February 1993/
- Regular national funding scheme /September 1994/
- **EUREKA membership /Interlaken, June 1995/**
- EUREKA Board of the Czech Republic /1998/
- 100 EUREKA projects with Czech participation /2000/
- **EUREKA Chairmanship /July 2005 – June 2006/**
  - ✓ Celebration of EUREKA 20 years Anniversary
  - ✓ EURIPIDES Cluster endorsement
  - ✓ Direction for finalising Eurostars programme
  - ✓ EUREKA Ministerial Conference /Prague, June 2006/



## Czech EUREKA Milestones (2)

- **Eurostars participating country /2007/**
- **EUREKA Lynx Award to Explosives Analyser project /2008/**
- **EURIPIDES Cluster Conference in Prague /2015/**
- **Almost participation in 420 projects /2018/**





## CZ project results in 2012-2018



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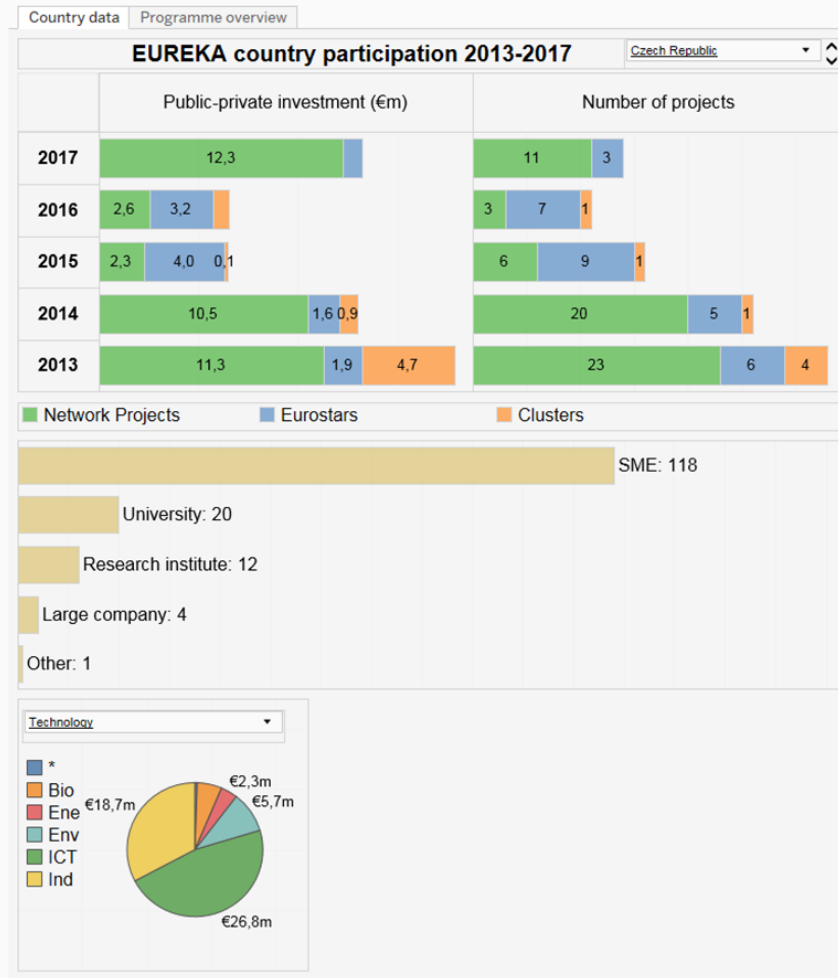


## CZ project results in 2012-2018

Type of project	Number of projects							Total costs of projects (M€)
	2012	2013	2014	2015	2016	2017	2018	
EUREKA network	12	23	20	6	3	17	15	56,7
Eurostars	3	6	5	9	7	3	3	15,0
Clusters	3	5	2	2	3	3	4	12,4
Total	18	34	27	17	13	23	22	84,1

### Technological areas

ICT (35%) ; IND (31%) ; ENV (17%) ; BIO (10%) ; ENE (5%) ; Other (2%)





## Czech and UK participation in projects

### General statistics

- ✓ CZ and UK cooperation in 58 EUREKA projects (Network, Umbrella and Cluster)
- ✓ Project status: currently 4 projects ongoing and 54 projects finished
- ✓ Total budget of Network projects: 111,1 M€



## Czech and Israeli participation in projects

### General statistics

- ✓ CZ and IL cooperation in 14 EUREKA projects (Network, Umbrella and Cluster)
- ✓ Project status: currently 0 projects ongoing and 14 projects finished
- ✓ Total budget of Network projects: 5,6 M€





## Czech and Slovenian participation in projects

### General statistics

- ✓ CZ and SI cooperation in 55 EUREKA projects (Network, Umbrella and Cluster)
- ✓ Project status: currently 6 projects ongoing and 49 projects finished
- ✓ Total budget of Network projects: 58,6 M€



## Czech and Polish participation in projects

### General statistics

- ✓ CZ and PL cooperation in 67 EUREKA projects (Network, Umbrella and Cluster)
- ✓ Project status: currently 5 projects ongoing and 62 projects finished
- ✓ Total budget of Network projects: 81,2 M€



# Network project E! 5885 SQAHA

## Targets:

Development of sustainable quality aroma dwarf hops in both the Czech Republic and the United Kingdom. To supply brewing worldwide.

Participants: **CZ/Hop Research Institute s.r.o./**, UK

Technological field: Biotechnology



# Eurostars E! 4231 Insider

## Targets:

The need for a better inner-perimeter monitoring and security in general, where people that have access to restricted areas may use their permission for unauthorized activities.

Participants: IL, CZ/IMA s.r.o./, HU

Technological field: ICT



# Network project E! 4959 ZEROEF

## Targets:

Development of new water treatment technologies in paper industry towards zero effluent emissions.

Participants: **CZ/MVB s.r.o.; VŠCHT/**, SI, SK

Technological field: Environment



# Network project E! 9170 CRYONITRIDE

## Targets:

Development a low-cost and high-efficiency new innovative sequence of treatments: nitriding and subsequent heat treatment combined with a deep cryogenic treatment for the formation of nitride layers with unique properties, on forming, forging and cutting tools.

Participants: **CZ/Comtes FHT s.r.o.; Pilsen Tools s.r.o./**, PL

Technological field: New materials



## Czech Republic in EUREKA projects in a nutshell

### Network projects

- ✓ Strength in generation (tradition, majority in position of main partner, influence of functioning national funding since 1994)

### Eurostars projects

- ✓ Currently weaker than average (?? choosing “wrong” partner countries, weaker ability to write an international project, influence of centralised assessment providing by foreign experts....)

### Cluster and sub-cluster projects

- ✓ Good results in EURIPIDES-2 and CATRENE, interest to be active in new SMART Cluster



# Czech National Funding







## Czech EUREKA national budget in 2017-2024

INTER-EXCELLENCE - INTER-EUREKA (Mio CZK)							
2017	2018	2019	2020	2021	2022	2023	2024
78	168	254	298	298	254	170	80

*Ex. rate: 26 CZK ≈ 1€*




## National funding scheme INTER-EUREKA (2017-2024)

Type of Organisation	Maximum % Funding of Eligible Costs	Maximum Support (Mio. CZK / Year / Project)	Additional Information
Small and Medium Enterprise	50%	<b>3, 000</b> 4, 000 - two and more Czech participants (approx. 115 000-150 000 €)	R&D must be incorporated in company activities
Large Company	30%	<b>3, 000</b> 4, 000 - <i>two and more Czech participants</i> (approx. 115 000-150 000 €)	R&D must be incorporated in company activities
University	50%	<b>3, 000</b> 4, 000 <i>two and more Czech participants in project</i> (approx. 115 000-150 000 €)	Joint Participation with eligible Czech private company
Research Organisation	50%	<b>3, 000</b> 4, 000 ( <i>two and more Czech participants in project</i> ) (approx. 115 000-150 000 €)	Joint Participation with eligible Czech private company



## Czech national budget Eurostars-2 in 2014 - 2020

Eurostars-2 (M€)							
 eurostars	2014	2015	2016	2017	2018	2019	2020
	1,0	1,0	1,0	1,0	1,0	1,0	1,0



## National funding scheme Eurostars-2 (2014 – 2020)

Type of Organisation	Maximum % Funding of Eligible Costs	Maximum Support (Mio. CZK / Year / Project)	Additional Information
Small and Medium Enterprise	50%	4, 000 (approx. 150 000 €)	R&D must be incorporated in company activities 10% bonus for CZ SME in leading position in project
Large Company	50%	4, 000 (approx. 150 000 €)	R&D must be incorporated in company activities
University	50%	4, 000 (approx. 150 000 €)	Joint Participation with eligible Czech private company
Research Organisation	50%	4, 000 (approx. 150 000 €)	Joint Participation with eligible Czech private company



## Czech EUREKA national infrastructure

- **Ministry of Education Youth and Sports (MEYS)**
  - EUREKA and Eurostars Authority
  - National Funding Body (NFB) incl. EUREKA and Eurostars

### **Unit of Management of International R&D&I programmes**

*Coordination of multi- and bi- international R&D programmes incl. EUREKA and Eurostars*

### **EUREKA and Eurostars Expert Advisory Group to MEYS**

*15 members, chairman CZ EUREKA HLR*

- **BIC Ostrava**

*Involving in EURIPIDES<sup>2</sup> Cluster Steering Committee  
Support for EUREKA Clusters activities*



## Upcoming project calls and cut-off in 2019

### ■ EUREKA Network projects

- ✓ e-submission to MEYS: via data box of MEYS
- ✓ national calls in 2019: February /March  
August /September

### ■ Eurostars projects

- ✓ e-submission to ESE: via [www.eureka-eurostars.eu](http://www.eureka-eurostars.eu)
- ✓ deadlines in 2019: 28 February 2019  
12 September 2019

### ■ Cluster project

- ✓ e-submission to clusters: see relevant clusters website
- ✓ deadlines in 2019: check clusters websites via  
[www.eurekanetwork.org](http://www.eurekanetwork.org)



## Consultation and support for project preparation

**MEYS:** Josef Martinec, *EUREKA and Eurostars NPC*

Email: josef.martinec@msmt.cz

Phone: +420 234 812 298

**EUREKA CZ:** Svatopluk Halada, *EUREKA Deputy HLR*

Email: svato.halada@seznam.cz

Phone: +420 728 366 179

**BIC Ostrava:** Marek Valdmann, *CEO*

Email: valdmann@bicova.cz



## What about EUREKA future in the Czech Republic

- Improvement of projects quality
- Better reflection of economic project profits
- Training and coaching Eurostars projects







# Thank you for your attention

**[www.msmt.cz](http://www.msmt.cz)**

**[www.eurekanetwork.org](http://www.eurekanetwork.org)**

**[www.eurostars-eureka.eu](http://www.eurostars-eureka.eu)**

**[josef.martinec@msmt.cz](mailto:josef.martinec@msmt.cz)**