

# **“Unity through Knowledge Fund”**

**Alessia Pozzi, Program Manager**

- ❑ Idea of networking knowledge- 2004 and 2007 Congress of Croatian Scientists from the Homeland and Abroad
- ❑ **In 2007, the Ministry of Science and Education has established Unity through Knowledge Fund**
- ❑ **Mission:** to unite scientific and professional potential in Croatia and Diaspora in development of the knowledge based society

## **Goals:**

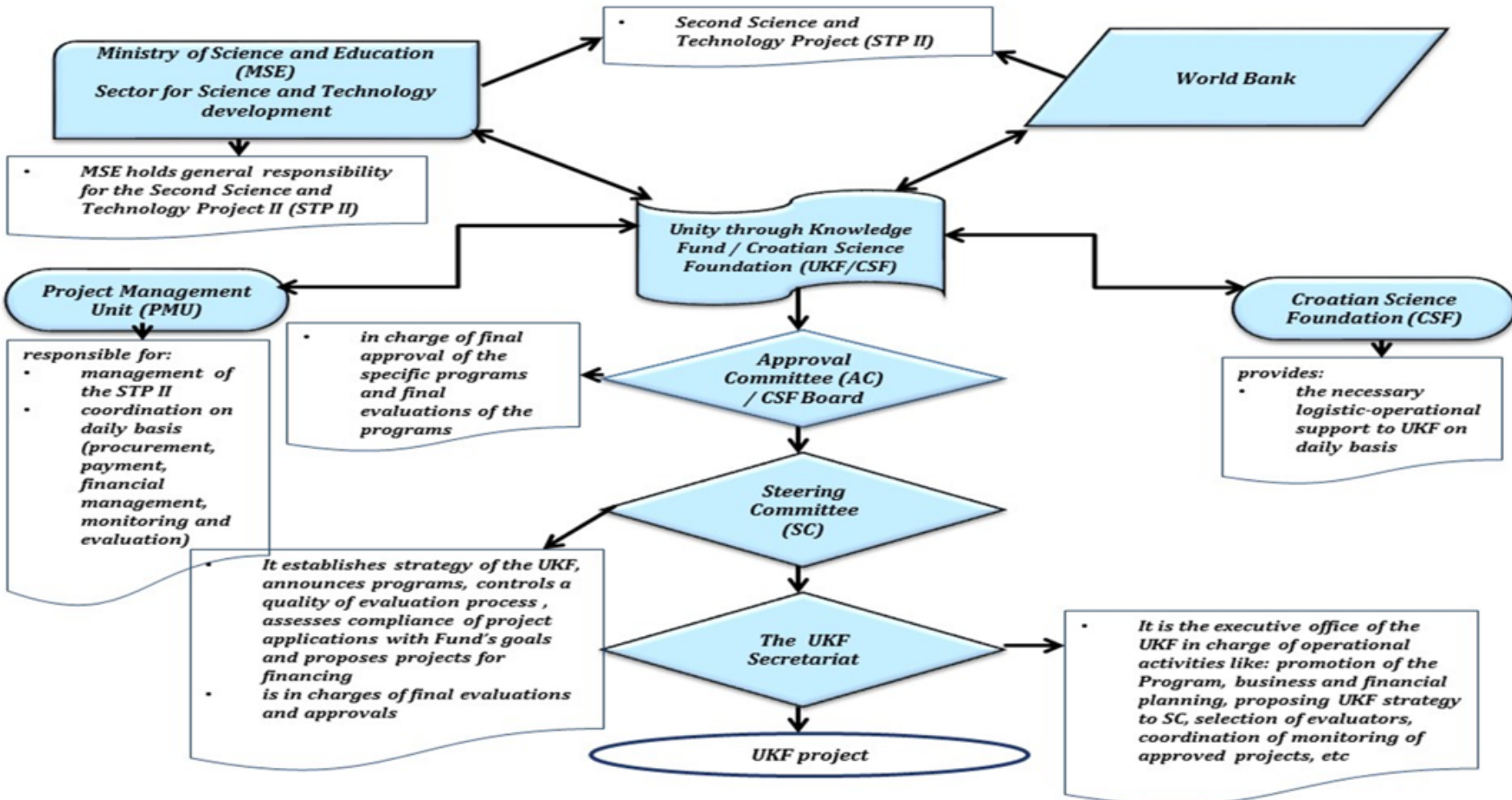
- Supporting research that is competitive on international level
  - Fostering research that creates new values in Croatian economy
  - Supporting projects that help the development of research infrastructure in Croatia.
- ❑ **From its establishment until October 2017, the Fund financed 128 scientific and technological projects.**

*STP I 2007-2011  
funds for projects 5,1 mil.  
EUR*

*Project Preparation  
Advance  
2012-2013*

*STP II 2013 (August)  
- 2019 (March)  
funds for projects  
4,77 mil EUR*

# Institutional framework



## UKF

```
graph TD; UKF[UKF] --> Cooperability[Cooperability program  
200.000 EUR  
duration 1- 3 years]; UKF --> Connectivity[Connectivity Program  
10 000 EUR  
6 months]; UKF --> Young[Young Researchers and Professionals  
up to 100 000 EUR  
duration 1 - 2 years]; Cooperability --> Cooperability_1A[1A "Homeward"]; Cooperability --> Cooperability_1B[1B "Crossing Borders"]; Cooperability --> Cooperability_1C[1C" My first collaboration"]; Connectivity --> Connectivity_2A[2A "Gaining Experience"]; Connectivity --> Connectivity_2B[2B "Homeland Visit"]; Young --> Young_3A[3A "My first research"]; Young --> Young_3B[3B "Reintegration"]; Young --> Young_3C[3C "Research in industry"];
```

Cooperability program  
200.000 EUR  
duration 1- 3 years

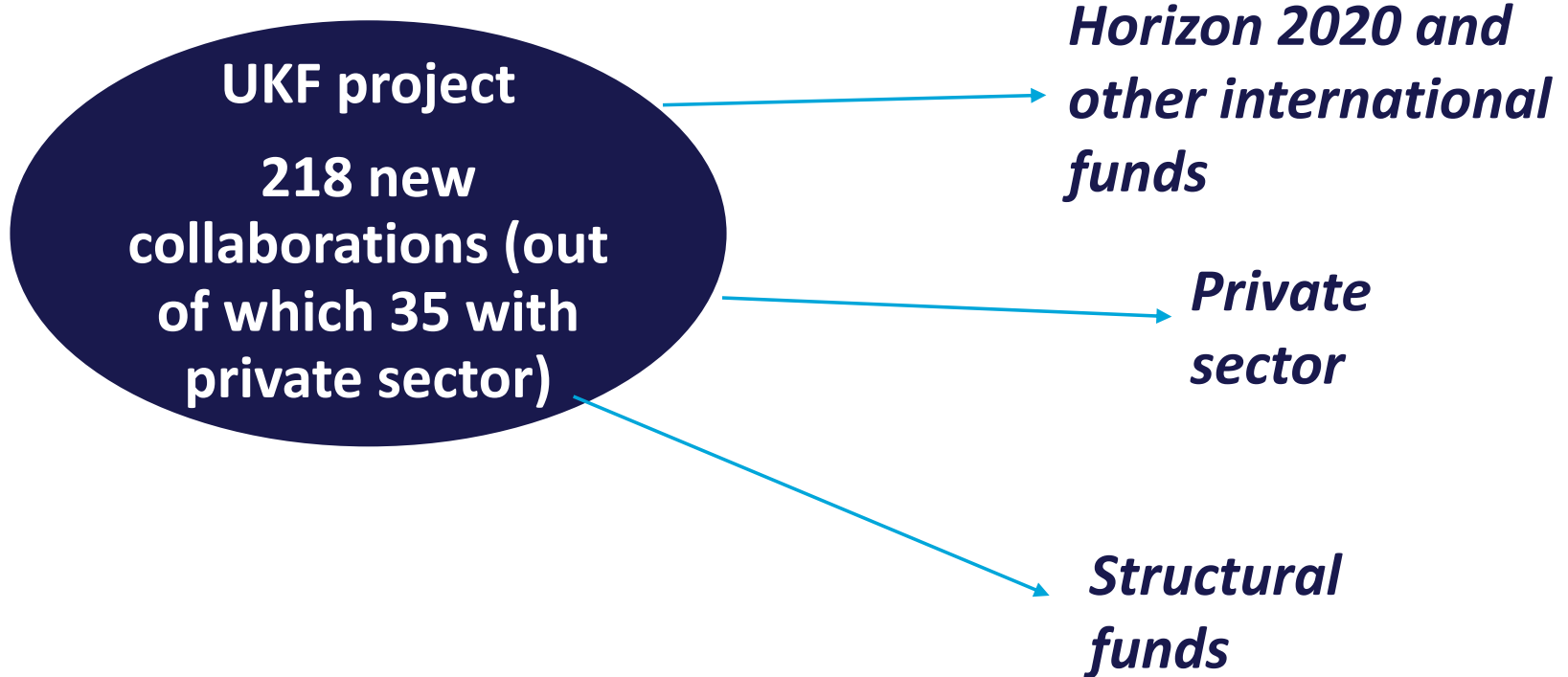
Connectivity Program  
10 000 EUR  
6 months

Young Researchers and Professionals  
up to 100 000 EUR  
duration 1 - 2 years

1A "Homeward"  
1B "Crossing Borders"  
1C" My first collaboration"

2A "Gaining Experience"  
2B "Homeland Visit"

3A "My first research"  
3B "Reintegration"  
3C "Research in industry"

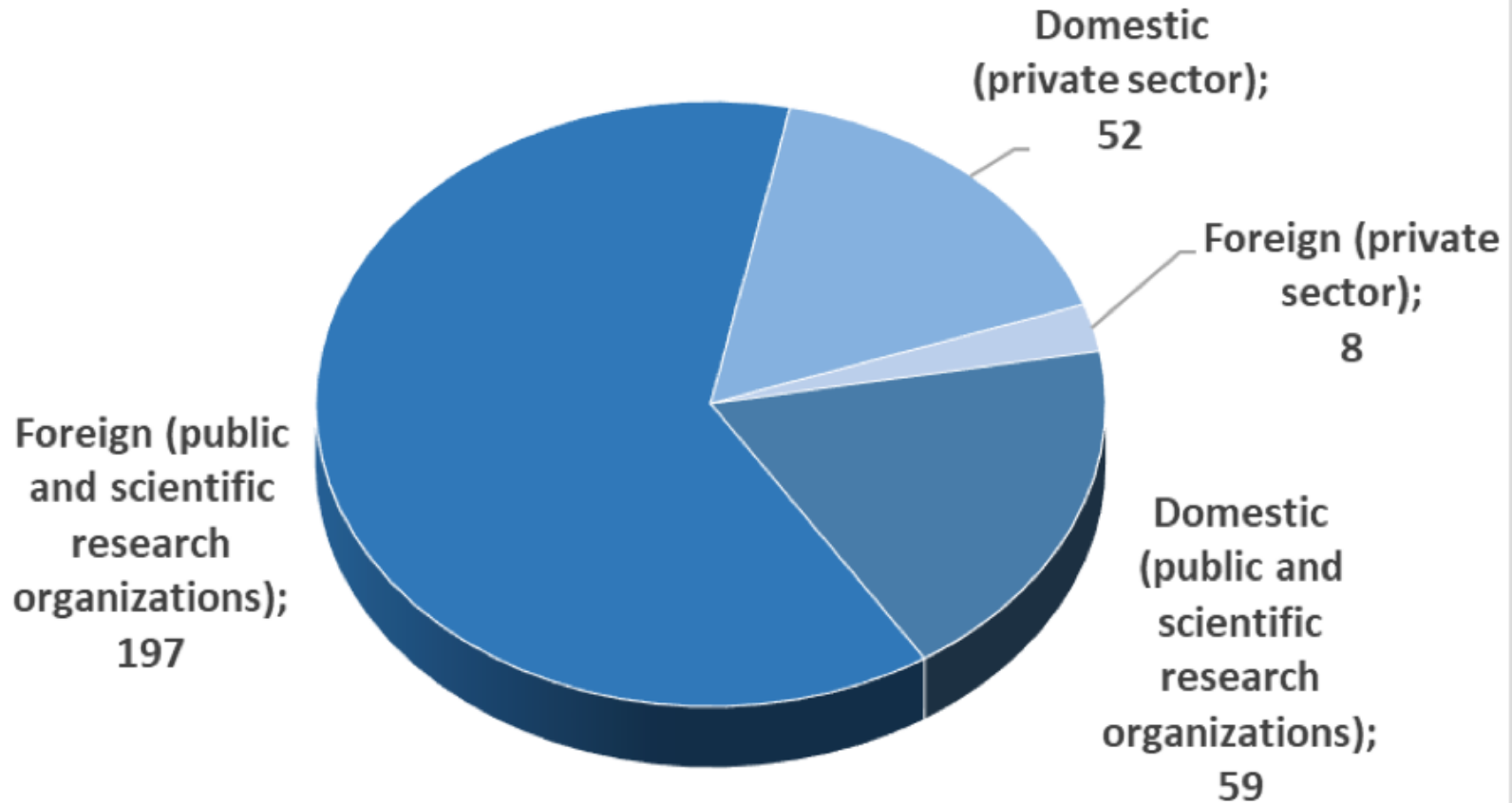


# Transfer of knowledge

- 316 organizations – STP I + STP II

UNITYTHROUGH  
KNOWLEDGEFUND

A total of 316 organizations participated in the implementation of 128 projects



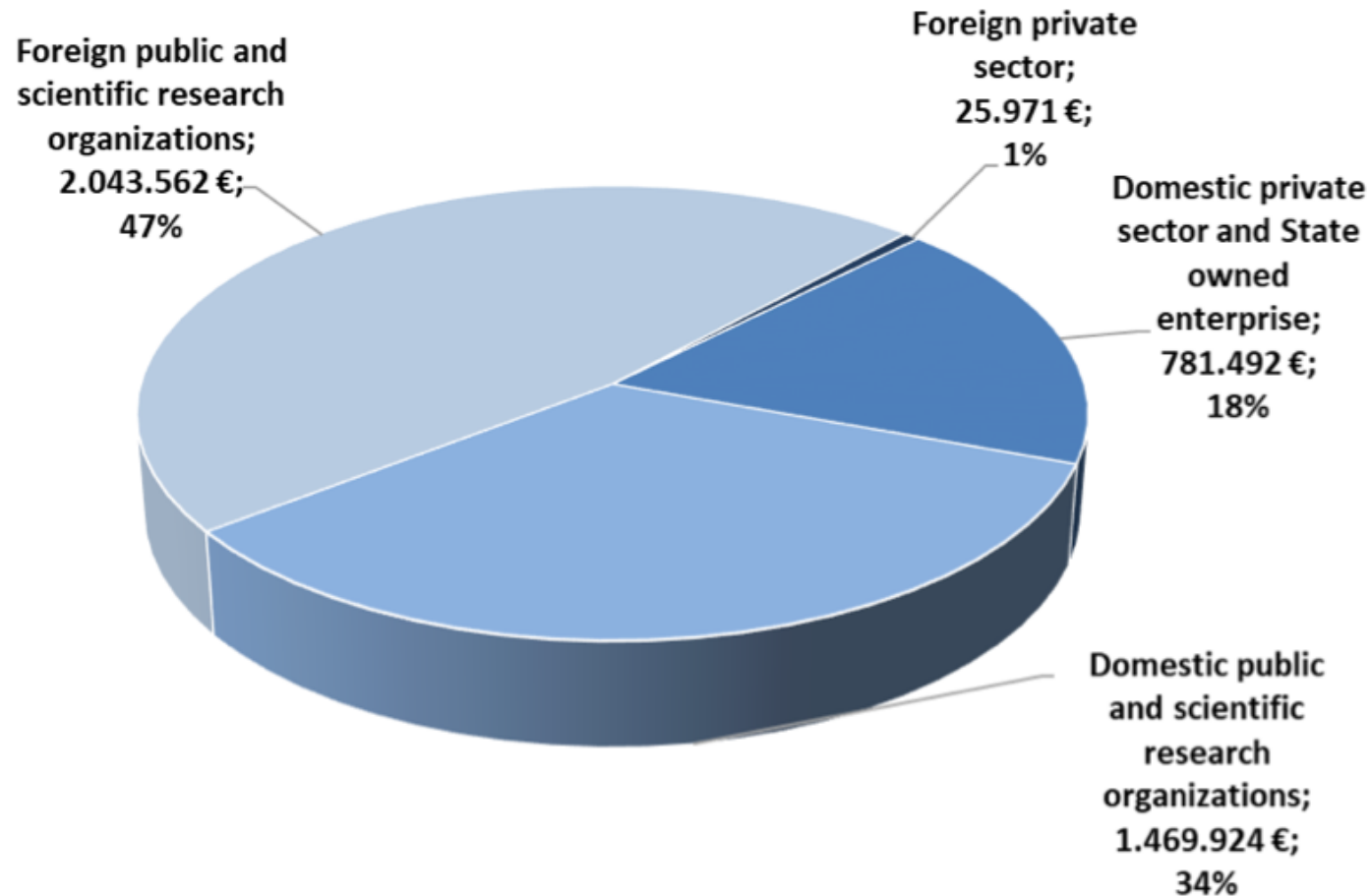
# Transfer of knowledge -STP I + STP II

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- **197 foreign institutions**
- Yale University-USA, Harvard Medical School-USA, Stanford University-USA, Max-Planck-Institute for Molecular Cell Biology and Genetics-Germany, Institute of Biochemistry II Goethe University Medical School-Germany, Swiss Federal Institute of Technology Lausanne (EPFL), Swiss Federal Institute of Technology Zurich (ETH), Fred Hutchinson Cancer Research Center, Royal Institute of Technology (KTH)-Sweden, Johns Hopkins University-USA, Laval University-Canada, Academy of Fine Art-Austria, Norwegian University of Science and Technology, University of Oxford-UK, National Cancer Institute-USA, Massachusetts Institute of Technology (MIT)-USA, Imperial College London-UK, European Molecular Biology Laboratory (EMBL)-France ..
- **In 128 projects: 905 scientists in total, out of which:**
  - 84 from Diaspora
  - 233 foreign scientists



Co-financing - amount and percentage according to the sources of funding (4.320.950 €)



## Number of new technologies STP I + STP II

*Number of technologies transferred  
from the international to Croatian  
institutions*

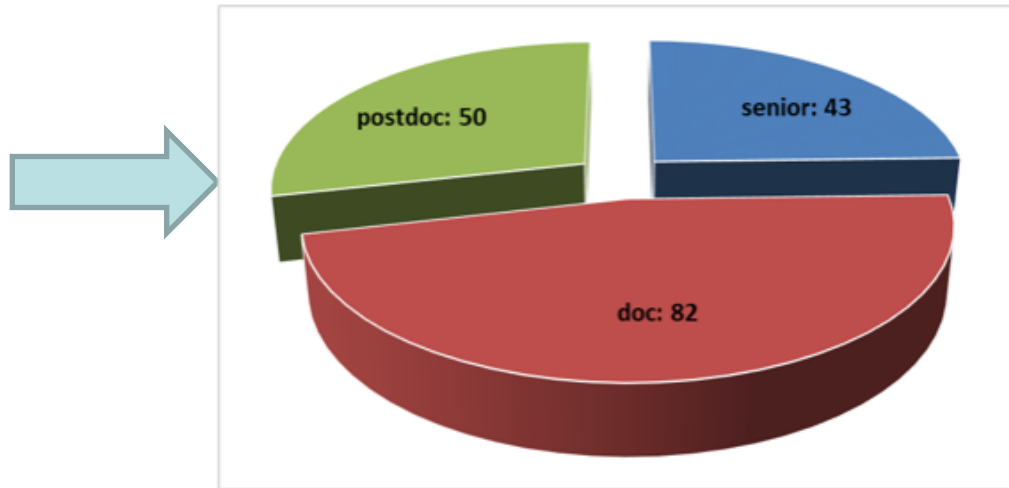
**50**

*Number of technologies developed  
by Croatian institutions*

**42**

# Long and short term mobility - STP I + STP II

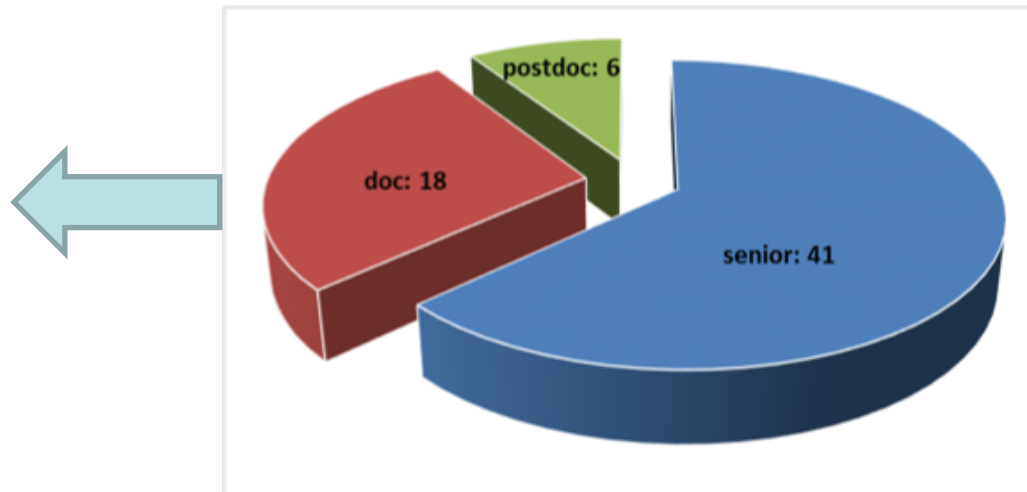
**Domestic  
scientists  
(175)**



**WORLD**

- senior
- doc
- postdoc

**CROATIA**



**Foreign  
scientists  
(65)**

# Benefit to Croatian economy- STPI and STPII

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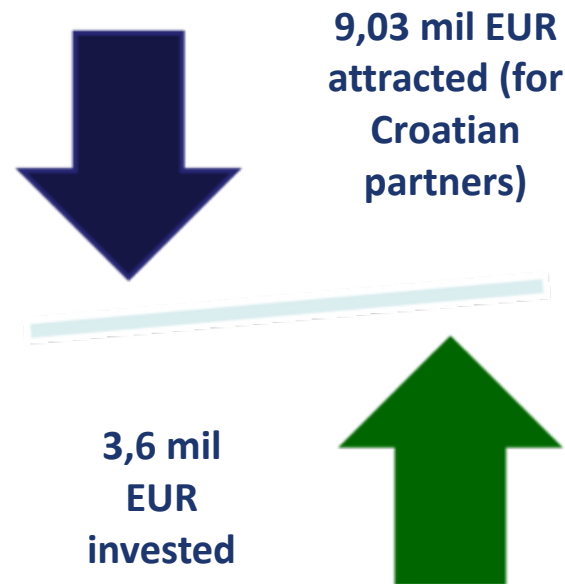
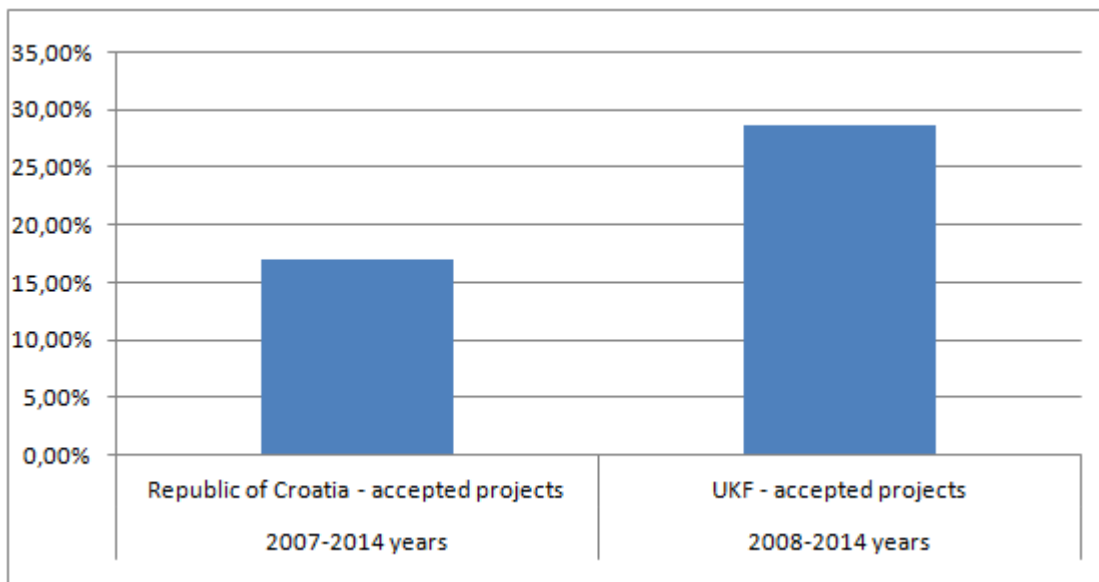
*2,8 million Euro invested in projects oriented towards private sector*



*62 partners from private sector invested 807.463,54 EUR*

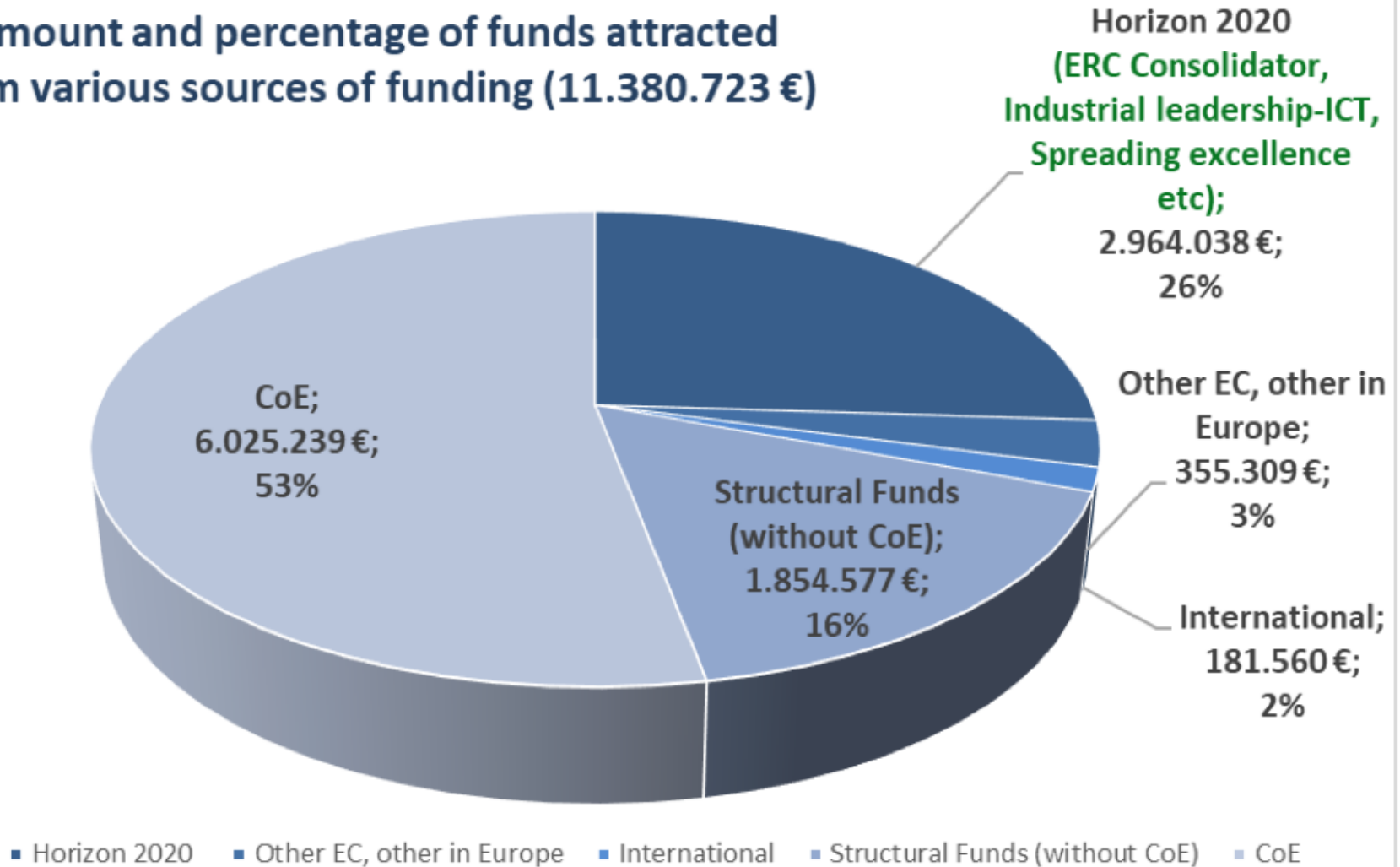
- Increased absorption capacity of Croatian Scientific and Technology community for EU funds

## Success rate of UKF projects in getting EU 7th Framework Program (FP7) funds compared to national projects



# Attracting of funds from European, International and Structural funds – STP II

Amount and percentage of funds attracted from various sources of funding (11.380.723 €)



# Scientific output of UKF projects STP I and STP II

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*For the purpose of this statistics only medium scale projects within the Research Cooperability and Young Researchers Programs are calculated, in 76 total projects -> Out of 648 scientific publications – 431 were articles in peer-reviewed publications (of which 364 with IF), 74 books/book chapters and also 179 conference abstracts*

**Articles published in prestigious international journals : 'Nature' (IF 40.137 ), 'Science' (IF 33.61 ) Journal of the American Chemical Society' (IF 8.585), 'Chemical Reviews' (IF 47.928), 'Proceedings of the National Academy of Sciences USA' (IF 9.5), 'the American Journal of Psychiatry' (IF 12.5), 'Public Library of Science Pathogens' (IF 9.709), 1 article in 'Molecular & Cellular Proteomics' (IF 8.354)**



# International acknowledgements

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KNOWLEDGEFUND

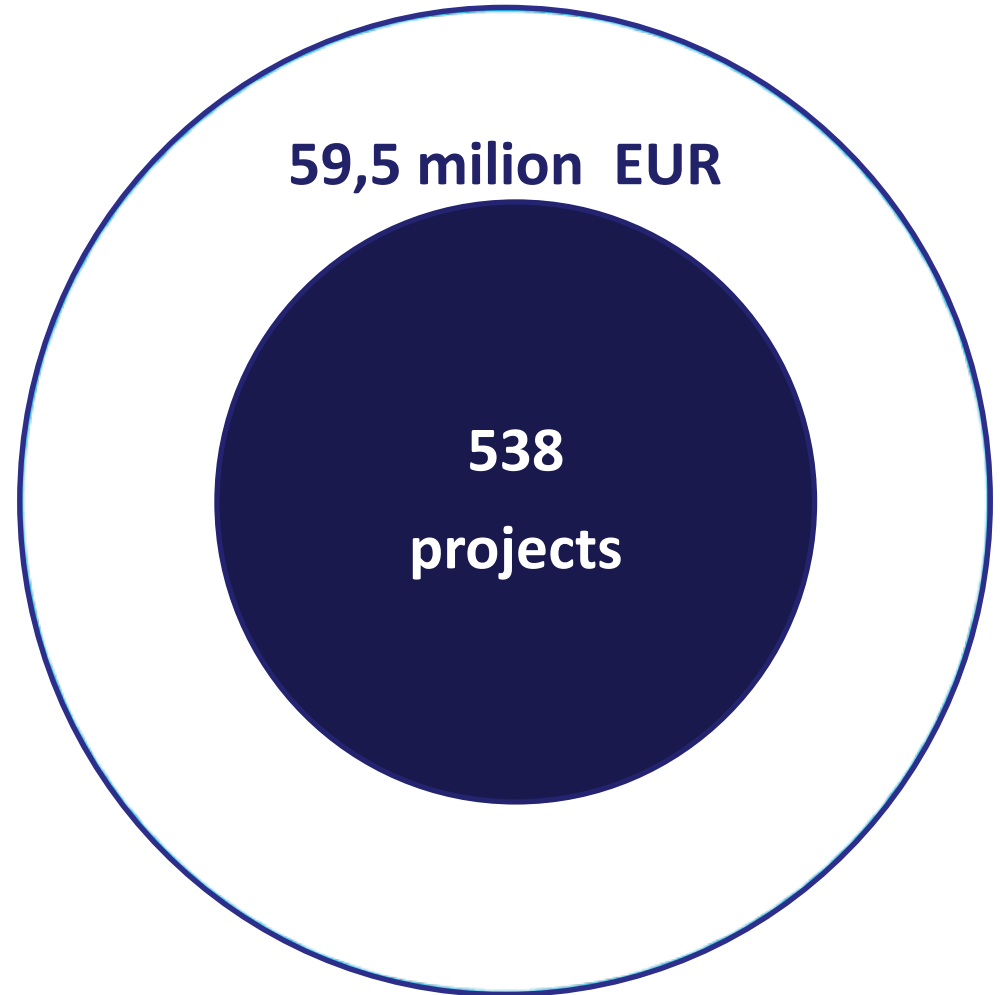


**EREF '09**

European  
Regional  
Economic  
Forum



# *Project pipeline-STP I + STP II*



***Thank you for your  
attention!***

# Contact

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