“Unity through Knowledge Fund”

Alessia Pozzi, Program Manager
About Unity through Knowledge Fund

- 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.
UKF financing  WB Loans STP I, PPA, STP II

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

Ministry of Science and Education (MSE)  
Sector for Science and Technology development

- MSE holds general responsibility for the Second Science and Technology Project II (STP II)

Project Management Unit (PMU)

- responsible for:  
  - management of the STP II  
  - coordination on daily basis (procurement, payment, financial management, monitoring and evaluation)

World Bank

Unity through Knowledge Fund / Croatian Science Foundation (UKF/CSF)

- in charge of final approval of the specific programs and final evaluations of the programs

Approval Committee (AC) / CSF Board

Steering Committee (SC)

- It establishes strategy of the UKF, announces programs, controls a quality of evaluation process, assesses compliance of project applications with Fund's goals and proposes projects for financing  
- is in charge of final evaluations and approvals

The UKF Secretariat

- It is the executive office of the UKF in charge of operational activities like: promotion of the Program, business and financial planning, proposing UKF strategy to SC, selection of evaluators, coordination of monitoring of approved projects, etc

Croatian Science Foundation (CSF)

- provides:  
  - the necessary logistic-operational support to UKF on daily basis

UKF project
UKF Programs / Grants- STP I and STP II

UKF

Cooperability program
200,000 EUR
duration 1-3 years
1A “Homeward”
1B “Crossing Borders”
1C “My first collaboration”

Connectivity Program
10,000 EUR
6 months
2A “Gaining Experience”
2B “Homeland Visit”

Young Researchers and Professionals
up to 100,000 EUR
duration 1-2 years
3A “My first research”
3B “Reintegration”
3C “Research in industry”
Sustainability of UKF results

UKF project

218 new collaborations (out of which 35 with private sector)

Horizon 2020 and other international funds

Private sector

Structural funds
A total of 316 organizations participated in the implementation of 128 projects.

- Domestic (private sector): 52
- Foreign (private sector): 8
- Domestic (public and scientific research organizations): 59
- Foreign (public and scientific research organizations): 197
Transfer of knowledge -STP I + STP II

- 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 by organizations- STP I + STP II

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

- Foreign public and scientific research organizations: 2.043.562 €; 47%
- Domestic public and scientific research organizations: 1.469.924 €; 34%
- Domestic private sector and State owned enterprise: 781.492 €; 18%
- Foreign private sector: 25.971 €; 1%
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)

CROATIA

Foreign scientists (65)

WORLD
2.8 million Euro invested in projects oriented towards private sector

62 partners from private sector invested 807,463,54 EUR
Participation in international calls (FP7)-STP I

- 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

- 3,6 mil EUR invested
- 9,03 mil EUR attracted (for Croatian partners)
Attracting funds from European, International and Structural funds – STP II

Amount and percentage of funds attracted from various sources of funding (11,380,723 €)

- CoE; 6,025,239 €; 53%
- Structural Funds (without CoE); 1,854,577 €; 16%
- Other EC, other in Europe; 355,309 €; 3%
- International; 181,560 €; 2%
- Horizon 2020 (ERC Consolidator, Industrial leadership-ICT, Spreading excellence etc); 2,964,038 €; 26%

Horizon 2020
Other EC, other in Europe
International
Structural Funds (without CoE)
CoE
Scientific output of UKF projects STP I and STP II

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

International acknowledgements
Project pipeline- STP I + STP II

- 9,87 million EUR
  - 128 projects

- 59,5 million EUR
  - 538 projects
Thank you for your attention!
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