MUTUAL LEARNING EXCERCISE
NATIONAL PRACTICES IN WIDENING PARTICIPATION
AND STRENGTHENING SYNERGIES

SUPPORT SKILLS DEVELOPMENT, INFORMATION,
COMMUNICATION AND TRAINING

Szonja Csuzdi
National Research, Development and Innovation Office
10. 01.2018.
Governmental Structure of RDI in Hungary

Parliament

Government

Prime Minister’s Office

Ministry of Human Capacities

Ministry of Agriculture

Ministry of National Development

Ministry of Justice

Ministry for National Economy

Ministry of Foreign Affairs and Trade

National Research, Development and Innovation Office

Universities

Agricultural Research and Innovation

Space Research

IPR Issues: Hungarian Intellectual Property Office

Managing Authority for R&D Structural Funds

S&T Diplomacy, Science Attaché Network

Hungarian Academy of Sciences

Higher education Funding – National+ Structural Funds

Agricultural Research and Innovation

Space Research

Managing Authority for R&D Structural Funds

S&T Diplomacy, Science Attaché Network

National Research, Development and Innovation Office

Universities

Agricultural Research and Innovation

Space Research

Managing Authority for R&D Structural Funds

S&T Diplomacy, Science Attaché Network

Hungarian Academy of Sciences
National Research, Development and Innovation Office
the central governmental entity for RDI in Hungary

SERVICES

COMPETITIVE FUNDING

STRATEGY AND PROGRAMME PLANNING

INTERNATIONAL AFFAIRS

SERVICES

COMPETITIVE FUNDING

STRATEGY AND PROGRAMME PLANNING

INTERNATIONAL AFFAIRS

education

Blue sky research

Applied research

Innovation

Market
Hungarian NCPs
NCPs in Hungary

- Individual NCPs for each programme under Horizon 2020, covering all fields of the three pillars.
- Separate NCPs for „Spreading Excellence and Widening Participation”, „Science with and for Society” and JRC.
- No NCP for EIT
- Horizontal NCPs: legal and financial NCPs, SME NCP, NCP coordinator.
- EEN NCP – another organisation (Hungarian National Trading House)
NCPs in Hungary

Individual NCPs for EURATOM – Fusion and Fission.

22 NCP domains, covered by 19 people.

Some NCPs are responsible for 2-3 fields, 2 NCPs for L&F, ERC and EURATOM.

NCPs are in most cases Programme Committee Members. Advantages/disadvantages.
Organisations involved

NRDI Office hosts most of the NCPs (19 domains, 14 colleagues)

Ministry for National Development – Space

Hungarian Atomic Energy Authority - EURATOM (Fission)

Hungarian Academy of Sciences – ERC (2 NCPs), EURATOM (Fusion)
NCP coordination

Coordination of the NCPs is carried out by the National Research, Development and Innovation Office

NCPs are appointed by the President of NRDI Office and communicated to the EC – basis: Minimum standards document on NCP services

Regular monitoring of the NCPs activities

• Report on the NCPs activities every year → statistics, evaluation, recommendations
• NEW: since November, short summary on NCPs activities (infodays, number of clients, sectors, promotion activities, etc.) every two weeks

Quality assurance – client satisfaction questionnaire
NCP services

Spreading information - on Horizon 2020 in general, specific programmes, calls, novelties.

Tools:
- e-mail lists, newsletter
- communication via e-mail, phone
- organisation of info days
- participation in events organised by universities, research institutes, EURAXESS, etc.

Providing advice – on proposal preparation, grant agreement preparation, project management.

Tools:
- workshops, trainings
- consultations via e-mail, phone or in person.
- pre-screening of proposals
NCP services

Partner search activities

Tools:
- NCP network
- Dedicated e-mail lists

Providing analytics, statistics on the participation in Horizon 2020

Tools:
- Creating statistics on E-Corda data, and NCP services

Advice for the administrative personnel on legal and financial issues

Tools:
- Organising regular trainings (14 in 2017)
- Personal consultations

Promotion of Horizon 2020 and NCP services

Tools:
- News, articles
- Newsletter
- Website
NCP Services – Statistics 2015-2016

- Number of info days organised by all NCPs – 53
- Number of events with NCPs participation – 82
- Number of participants at events ~ 4500
- Number of clients (general or personalised info provided) ~ 2000
Support measures
NRDI Office to support scientific excellence

<table>
<thead>
<tr>
<th>EXCELLENCE PROGRAMMES</th>
<th>ERC</th>
<th>KKP_17</th>
<th>KH_17</th>
</tr>
</thead>
<tbody>
<tr>
<td>Promoting the international competitiveness of discovery research</td>
<td>Funding programmes promoting access to European Research Council (ERC) programmes</td>
<td>“Frontline” Research Excellence Programme</td>
<td>Funding of research groups whose outstanding achievements have a significant international impact on scientific forums with major visibility</td>
</tr>
<tr>
<td>BUDGET: HUF 0.45 BN</td>
<td>BUDGET: HUF 3 BN</td>
<td>BUDGET: HUF 1 BN</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RESEARCHERS’ THEMATIC APPLICATIONS PROGRAMMES, POSTDOCTORAL PROGRAMMES</th>
<th>PD_17</th>
<th>FK_17</th>
<th>K_17</th>
<th>NN, ANN, SNN 17</th>
</tr>
</thead>
<tbody>
<tr>
<td>Promoting discovery research</td>
<td>Postdoctoral excellence programme</td>
<td>Calls for thematic applications initiated by young researchers</td>
<td>Calls for thematic applications initiated by researchers</td>
<td>Calls for thematic applications based on international cooperation</td>
</tr>
<tr>
<td>BUDGET: HUF 1.5 BN</td>
<td>BUDGET: HUF 3 BN</td>
<td>BUDGET: HUF 6.5 BN</td>
<td>BUDGET: HUF 6.5 BN</td>
<td></td>
</tr>
</tbody>
</table>
## Chart

The chart is based on the mainlist proposals of the Proposal table in the E-Corda database.

### Number of funded organisations vs Amount of funding

<table>
<thead>
<tr>
<th>Country</th>
<th>Number of funded organisations</th>
<th>Amount of funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>United Kingdom</td>
<td>533</td>
<td>833.48 M €</td>
</tr>
<tr>
<td>Germany</td>
<td>424</td>
<td>651.88 M €</td>
</tr>
<tr>
<td>France</td>
<td>303</td>
<td>439.95 M €</td>
</tr>
<tr>
<td>Netherlands</td>
<td>237</td>
<td>348.30 M €</td>
</tr>
<tr>
<td>Spain</td>
<td>182</td>
<td>243.78 M €</td>
</tr>
<tr>
<td>Italy</td>
<td>147</td>
<td>174.49 M €</td>
</tr>
<tr>
<td>Belgium</td>
<td>89</td>
<td>136.34 M €</td>
</tr>
<tr>
<td>Sweden</td>
<td>83</td>
<td>117.65 M €</td>
</tr>
<tr>
<td>Austria</td>
<td>71</td>
<td>115.72 M €</td>
</tr>
<tr>
<td>Denmark</td>
<td>54</td>
<td>94.45 M €</td>
</tr>
<tr>
<td>Finland</td>
<td>38</td>
<td>62.70 M €</td>
</tr>
<tr>
<td>Portugal</td>
<td>32</td>
<td>52.54 M €</td>
</tr>
<tr>
<td>Ireland</td>
<td>32</td>
<td>49.32 M €</td>
</tr>
<tr>
<td>Greece</td>
<td>42</td>
<td>14.32 M €</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>3</td>
<td>6.16 M €</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>15</td>
<td>25.04 M €</td>
</tr>
<tr>
<td>Hungary</td>
<td>16</td>
<td>23.03 M €</td>
</tr>
<tr>
<td>Poland</td>
<td>9</td>
<td>11.36 M €</td>
</tr>
<tr>
<td>Romania</td>
<td>4</td>
<td>3.80 M €</td>
</tr>
<tr>
<td>Estonia</td>
<td>2</td>
<td>3.50 M €</td>
</tr>
<tr>
<td>Croatia</td>
<td>2</td>
<td>2.78 M €</td>
</tr>
<tr>
<td>Cyprus</td>
<td>6</td>
<td>2.44 M €</td>
</tr>
<tr>
<td>Slovenia</td>
<td>2</td>
<td>2.12 M €</td>
</tr>
<tr>
<td>Malta</td>
<td>1</td>
<td>1.15 M €</td>
</tr>
<tr>
<td>Slovakia</td>
<td>1</td>
<td>0.41 M €</td>
</tr>
</tbody>
</table>
The correlation of national support and international competitiveness

- PIs in Momentum Programme: 121
- Hungarian PIs in ERC: 62
- Researchers that are PIs in both programmes: 22
Two funded Hungarian research initiatives among 10 European Teaming proposals

The main goal of the Centre of Excellence on Cyber-Physical Production Systems is to boost the innovation process, to create industry-relevant results, to train the next generation of highly skilled experts and to ensure the background for a sustainable and competitive production ecosystem for various industry sectors in Hungary and in Europe.

**EPIC**

**Full budget:** €21.7 million

**Members of the consortium:**
- Budapest University of Technology
- Hungarian Academy of Sciences
- Fraunhofer institutions

**CEMM**

**Full budget:** €52 million

**Members of the consortium:**
- University of Szeged
- Hungarian Academy of Sciences
- University of Debrecen
- Semmelweis University
- European Molecular Biology Laboratory

The goal of the project is to set up the Hungarian Centre of Excellence for Molecular Medicine placing strong emphasis on translational medicine and promoting the clinical application of basic research results.
Support schemes directly linked to H2020

- Dedicated scheme to support preparation of H2020 projects (supporting travels, participation in brokerage events, organizing consortium meetings, using legal advice)
- Support to projects highly ranked but not supported in H2020 SME instrument Phase I. (Seal of excellence)
- Support to highly ranked ERC-projects which are finally not granted under H2020
- ERC-Mobility scheme (supporting visits at ERC-grantees)
- Participation in ERA-NET Cofund actions (ERA-NET Flagships, M-ERA-NET, Quant-ERA)
Analysis about previous support schemes linked to FP7

Supporting the improvement of international relations through the evaluation of support schemes facilitating Hungary's participation in FP7 (http://nkfih.gov.hu/hivatal/hivatal-kladvanyai/elkeszult-hazai-fp7)

Data analysis + surveys + interviews

Two types of programmes evaluated: A) schemes facilitating the involvement of HU organizations in FP7 projects B) schemes ensuring the co-financing to FP7 programmes with the involvement of Member States (ERA, NETS, EUROSTARS, AALÉ etc.)

Some recommendations: synchronization of international and national calls, more schemes accepting the EU evaluation results, accepting reports in English, supporting to utilize projects results; supporting the facilitation of IPR in the projects; encouraging industry involvement; more trainings to share experience of successful FP grantees and evaluators
Thank you for your attention!

ANY QUESTIONS?

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