Brussels, 07 June 2019

WK 6994/2019 INIT

LIMITE

ERAC-GPC

WORKING PAPER

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WORKING DOCUMENT

<table>
<thead>
<tr>
<th>From:</th>
<th>GPC Secretariat</th>
</tr>
</thead>
<tbody>
<tr>
<td>To:</td>
<td>ERAC (GPC)</td>
</tr>
<tr>
<td>Subject:</td>
<td>TASK FORCE on ERA national action plans and strategies for Priority 2a – a ERA PROGRESS REPORT AND ASSESMENT</td>
</tr>
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</table>

Delegations will find attached the PowerPoint presentation concerning the item 7 of the GPC plenary agenda of 4 June 2019.
TASK FORCE on ERA national action plans and strategies for Priority 2a -

ERA PROGRESS REPORT AND ASSESMENT

Petra Žagar, TF member

GPC Meeting
Brussels, 4 June 2019
NAPs & strategies - ACTIONS

- RECEIVED NAPs and strategies
  - 24 MSs* and 5 ACs

- Written ACTIONS
  - 21 MSs and 3 ACs
  - 97 actions

* newly available Sweden Roadmap not included
ERA Progress Report 2016 vs. 2018

ERA: slowing

Prio 2: slowed growth rate

Prio 2a: highets growth rate (headline indicators)
ERA Progress Report 2016 vs. 2018

- Most countries making progress in enhancing participation in P2Ps

- Further improvements
  - systemic coordination between the priorities of P2Ps and national research agendas & programmes
  - systematic monitoring and eval. of the impact of participation in P2Ps
  - ensuring political commitment and the availability of funding
### ERA Progress Report 2018

**Complementary 1**

<table>
<thead>
<tr>
<th>Priority</th>
<th>Input Indicator</th>
<th>Output Indicator</th>
<th>Outcome/Impact Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub-priority 2a: Optimal transnational cooperation</td>
<td>Member States participation in public-to-public collaborations per FTE researcher in the public sector (Eurostat and ERA-Learn 2020 report on P2P)</td>
<td>GBARD allocated to Europe-wide transnational, as well as bilateral or multilateral, public R&amp;D programmes per FTE researcher in the public sector (Eurostat)</td>
<td>CS, L</td>
</tr>
</tbody>
</table>

**Country size bias (in favour of small countries)**
- **CS**

**Country location bias**
- **L**
ERA Progress Report 2018

HEADLINE

ERA PR 2016

<table>
<thead>
<tr>
<th>Country</th>
<th>Value</th>
<th>Total</th>
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<tbody>
<tr>
<td>CH</td>
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<tr>
<td>BE</td>
<td>9,251</td>
<td></td>
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<tr>
<td>IT</td>
<td>8,395</td>
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</tr>
<tr>
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<td></td>
</tr>
<tr>
<td>SE</td>
<td>6,067</td>
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ERA PR 2018

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<th>Country</th>
<th>Value</th>
<th>Total</th>
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<td>8,756</td>
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<td>8,594</td>
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<tr>
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<td>AT</td>
<td>6,674</td>
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<tr>
<td>SE</td>
<td>6,290</td>
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</table>

Figure 2: Map of GBARD (EUR) allocated to Europe-wide transnational, as well as bilateral or multilateral, public R&D programmes per FTE researcher in the public sector (2016).
Strong commitment to implement their international strategy
Launching a joint ministerial consultation in order to set up a steering board to coordinate national and EU research programmes on Grand Societal Challenges (Tavolo di ricerca sulle Grandi Sfide della Società Contemporanea - TASSC). One of the tasks of the TASSC (see Fig. 4) will be to develop strategies and match funding schemes for shared EU priorities and national specialisations, in view of optimising transnational research and innovation investments on Grand Challenges. The TASSC will be supported by Thematic Focus Groups (Tavoli Tematici - TT) bringing together representatives from authorities responsible for national research activities and configurations of the Committee for the Specific Programme Implementing Clusters (Cluster Tecnologici Nazionali - CTN) and relevant Regional Administrations by the Head of the Department for Higher Education and Research Department for Economic Development and Social Cohesion and DGs from Operativo Interministeriale – GO11; see Fig. 5) to coordinate Italy’s contributions to projects funded by MIUR, shall include representatives from relevant Ministries and institutions in JPIs, according to guidelines set out by the TASSC (see Specific Focus Topics in the JPI scientific and management bodies).
### AT

**Initiative for strategic cooperation/networking along the Grand Societal Challenges in consideration / by integration of existing network structures:**

The Federal Ministry for Education, Science and Research (BMBWF) launched a pilot phase for networking platforms in 2016. The purpose of the platforms is to bring together actors in the area of a societal challenge on national level in order to create critical mass, to increase visibility and connectivity to European Initiatives, to combine complementary expertise and increase excellence. The BMBWF funds the costs for the networking activities with up to 100,000 € per year per platform. The Federal Ministry of Transport, Innovation and Technology (BMVIT) launched a platform in the domain of Sustainable Cities. Altogether, currently 5 platforms are up and running.

**Outcome-oriented linkage between science, societal stakeholders, the business sector and the political sector:**

The purpose of this project by the BMBWF is to demonstrate the feasibility of linking Scientists with societal stakeholders, the business sector and the political sector on national level in order to pursue a systemic approach in the field of a societal challenge. The field chosen for this pilot project is "Demographic change". The idea turned out to be way more time and resource consuming than expected and is currently on hold.

Implementation of the Austrian RTI strategy an interministerial working group is committed to pursue further alignment Austrian strategies/measures/programmes with jointly prepared strategies and programmes at European level. A study has been carried out to identify possible measures and make recommendations. The working group's task is to find ways to implement selected measures.

- **Strong commitment to implement RTI Strategy**
- **2 pilot projects:**
  1. Networking platforms **ON TRACK**
  2. linking science + societal stakeholders + business sector + political sector **POSTPONED**
<table>
<thead>
<tr>
<th>Federal</th>
<th>Brussels-Capital Region</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>In 2016,</strong> Innoviris has already joined the new ERA-NET Cofund action on sustainable urbanisation. This topic has been identified as of common interest to both the Belmont Forum and the JPI Urban Europe consortium. This ERA-NET Cofund action will be realised together with EU partners (JPI Urban Europe Consortium members) and the research councils of Qatar, the United States of America (USA), Mexico, Japan, Argentina, Australia and Brazil.</td>
<td></td>
</tr>
<tr>
<td><strong>In 2017,</strong> Innoviris and 5 other Funding Agencies of the JPI Urban Europe initiatives, have launched a new innovation action “Making Cities Work”. This small call for proposals will explore the collaboration between cities, private companies and associations to solve a few urban problems (congestion and pollution, logistic in the city, governance in the city). The call is about the preparation of the solution and methodologies ready for the market after the project end.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flemish Government</th>
<th></th>
</tr>
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<tbody>
<tr>
<td>The alignment of research and innovation projects at the Belgian level remains a challenge. Each entity has its own RDI funding priorities and its own funding rules. There is no real coherent national strategy for aligning research systems between entities and no real organised cooperation between the different sector-based ministries that should be involved in joint programming. The only national body, the Inter-Ministerial Conference on Scientific Policy (CIMPS/HICWIB), does not currently deal with the issue of joint programming in a sufficient and effective way.</td>
<td></td>
</tr>
<tr>
<td>Nevertheless, the BEL-SME initiative is one example of voluntary cooperation between the applied research funding agencies of the three Belgian Regions. BEL-SME encourages SMEs to form consortia and submit their collaborative projects in the areas of applied research and innovation. The projects are assessed and funded by regional agencies.</td>
<td></td>
</tr>
<tr>
<td><strong>In 2016 and 2017,</strong> Innoviris continued to participate at the EUROSTARS and ALL II programs. This participation will be continued in the coming years. Additionally Innoviris takes active part in the discussions on the future of AAL and EUROSTARS programs after</td>
<td></td>
</tr>
<tr>
<td>The involvement of Innoviris in JPI Initiatives and ERA-NETS and our participation at the ERA-C high-level Group for Joint Programming (GPC, at the political level) enhances the interoperability and strategic planning of research programmes in line with European standards.</td>
<td></td>
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<table>
<thead>
<tr>
<th>Wallonia and Brussels-Gov.</th>
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<tbody>
<tr>
<td>Establish a track record of participation (currently underway);</td>
<td></td>
</tr>
<tr>
<td>Integrate proposals by researchers from the Wallonia-Brussels Federation as part of these European networks in the electronic submission system of the F.R.S.-FNRS (rollout mid-2019);</td>
<td></td>
</tr>
<tr>
<td>Maintain the financial resources to be able to continue to meet the needs of researchers.</td>
<td></td>
</tr>
<tr>
<td>A review of Wallon participation in JPI Initiatives is underway and will be available in late summer 2016</td>
<td></td>
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</table>
GBARD (EUR) allocated to Europe-wide transnational, as well as bilateral or multilateral, public RD programmes per FTE researcher in the public sector.

Showing long-term CAGR:
- 2016 (2010-2014)
- 2018 (2012-2016)

Polish ERA Roadmap not available

Hungarian ERA Roadmap not available

EU-28 avg
- 2016: 7.8
- 2018: 5.6
Assessment

Last Progress Report on Priority 2a June 2018

<table>
<thead>
<tr>
<th>TOTAL ACTIONS</th>
<th>97</th>
<th>FINISHED</th>
<th>ON TRACK</th>
<th>ON-GOING WITH DELAY</th>
<th>POSTPONED</th>
<th>TERMINATED</th>
<th>CANCELLED</th>
<th>SCHEDULED FOR check</th>
<th>% response</th>
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<tr>
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<td>4</td>
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<td>1</td>
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<tr>
<td>comm &amp; information</td>
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March 2018: response rate of MSs & ACs = 54,3 %
September 2018: response rate of MSs & ACs = 79,1 %
Assessment

Most recent Progress Report on Priority 2a - May 2019

<table>
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<th>2nd round MAY 2019</th>
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<tr>
<td>TOTAL ACTIONS</td>
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<tr>
<td>comm &amp; information</td>
</tr>
<tr>
<td>funding</td>
</tr>
<tr>
<td>monitoring</td>
</tr>
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</table>

May 2019:
response rate of MSs & ACs = 60,4 %
Assessment

- So far progress of 54 actions out of 97 checked
- 52 actions compared 2018 vs. 2019

<table>
<thead>
<tr>
<th>Progress (February 2018)</th>
<th>Progress (May 2019)</th>
<th>Status</th>
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<tbody>
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<td>ON TRACK</td>
<td>ON TRACK</td>
<td>+</td>
</tr>
<tr>
<td>POSTPONED</td>
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<tr>
<td>ON TRACK</td>
<td>ON TRACK</td>
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</tr>
<tr>
<td>ON TRACK</td>
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<td>0</td>
</tr>
<tr>
<td>ON-GOING WITH DELAY</td>
<td>ON-GOING WITH DELAY</td>
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<tr>
<td>ON TRACK</td>
<td>FINISHED</td>
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<tr>
<td>ON TRACK</td>
<td>POSTPONED</td>
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<tr>
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<td>0</td>
</tr>
<tr>
<td>ON TRACK</td>
<td>ON TRACK</td>
<td>+</td>
</tr>
</tbody>
</table>

- + 12 actions progressed
- - 2 actions regressed
- 0 actions the same as before
Progress is impossible without change.

Walt Disney