



Council of the European Union  
General Secretariat

**Brussels, 07 June 2019**

**WK 6994/2019 INIT**

**LIMITE**

**ERAC-GPC**

**WORKING PAPER**

*This is a paper intended for a specific community of recipients. Handling and further distribution are under the sole responsibility of community members.*

**WORKING DOCUMENT**

---

From:	GPC Secretariat
To:	ERAC (GPC)
Subject:	TASK FORCE on ERA national action plans and strategies for Priority 2a – a ERA PROGRESS REPORT AND ASSESMENT

---

Delegations will find attached the PowerPoint presentation concerning the item 7 of the GPC plenary agenda of 4 June 2019.



REPUBLIC OF SLOVENIA  
MINISTRY OF EDUCATION,  
SCIENCE AND SPORT

# 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



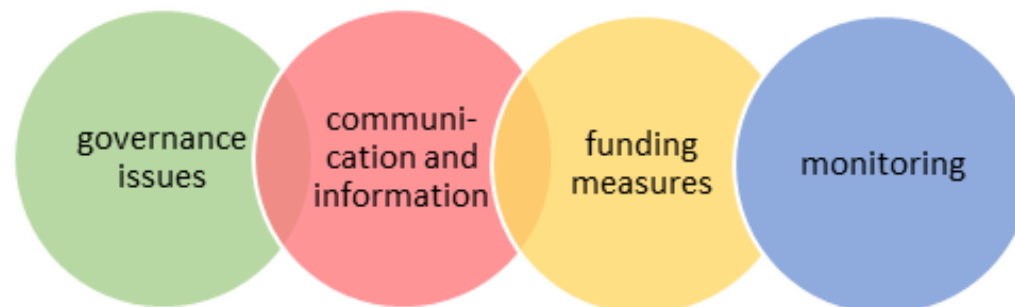
# NAPs & strategies - ACTIONS

## ▶ RECEIVED NAPs and strategies

- ▶ 24 MSs\* and 5 ACs

## ▶ Written ACTIONS

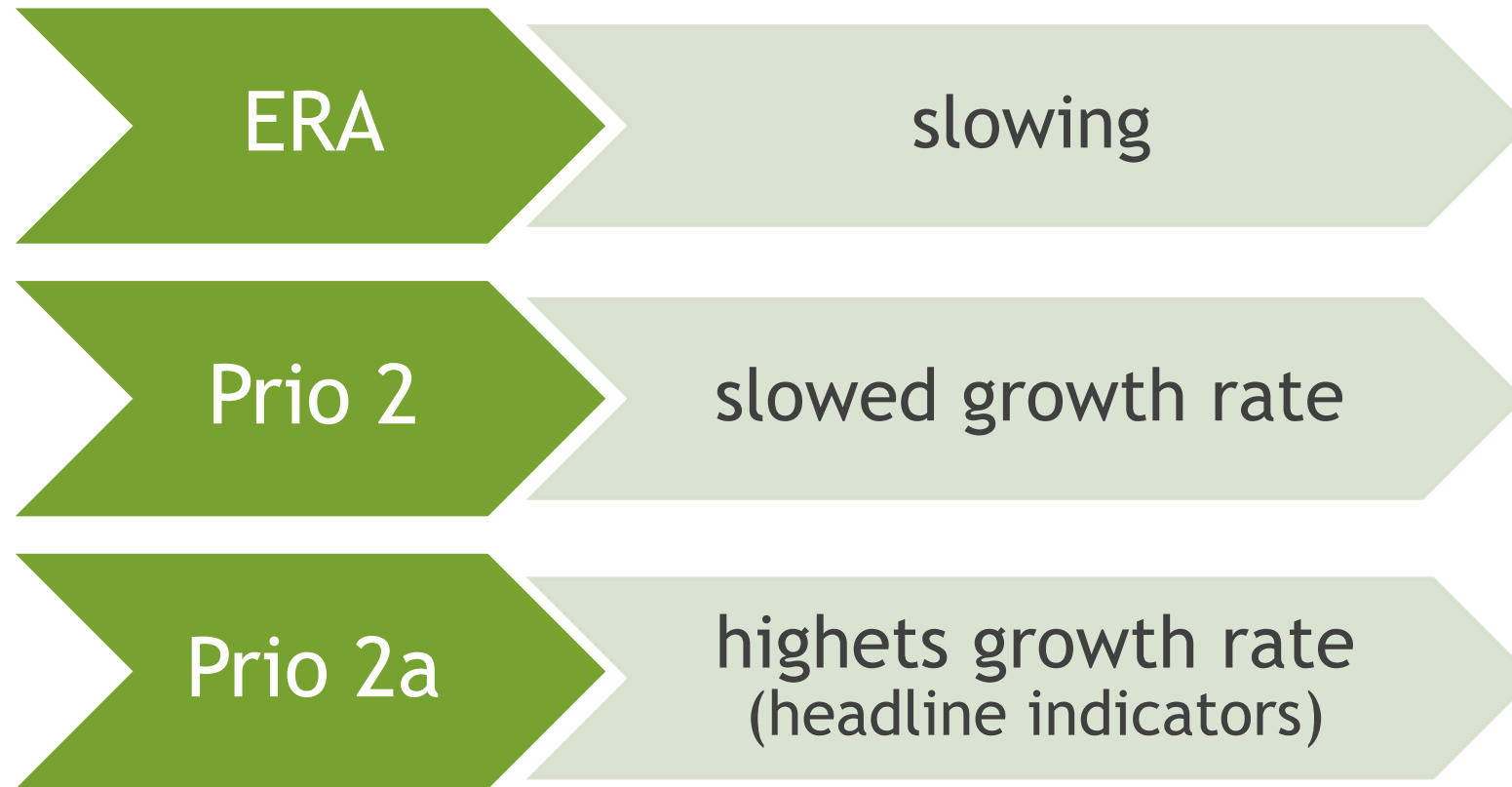
- ▶ 21 MSs and 3 ACs
- ▶ **97 actions**



\* newly available Sweden Roadmap not included



# ERA Progress Report 2016 vs. 2018





# ERA 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

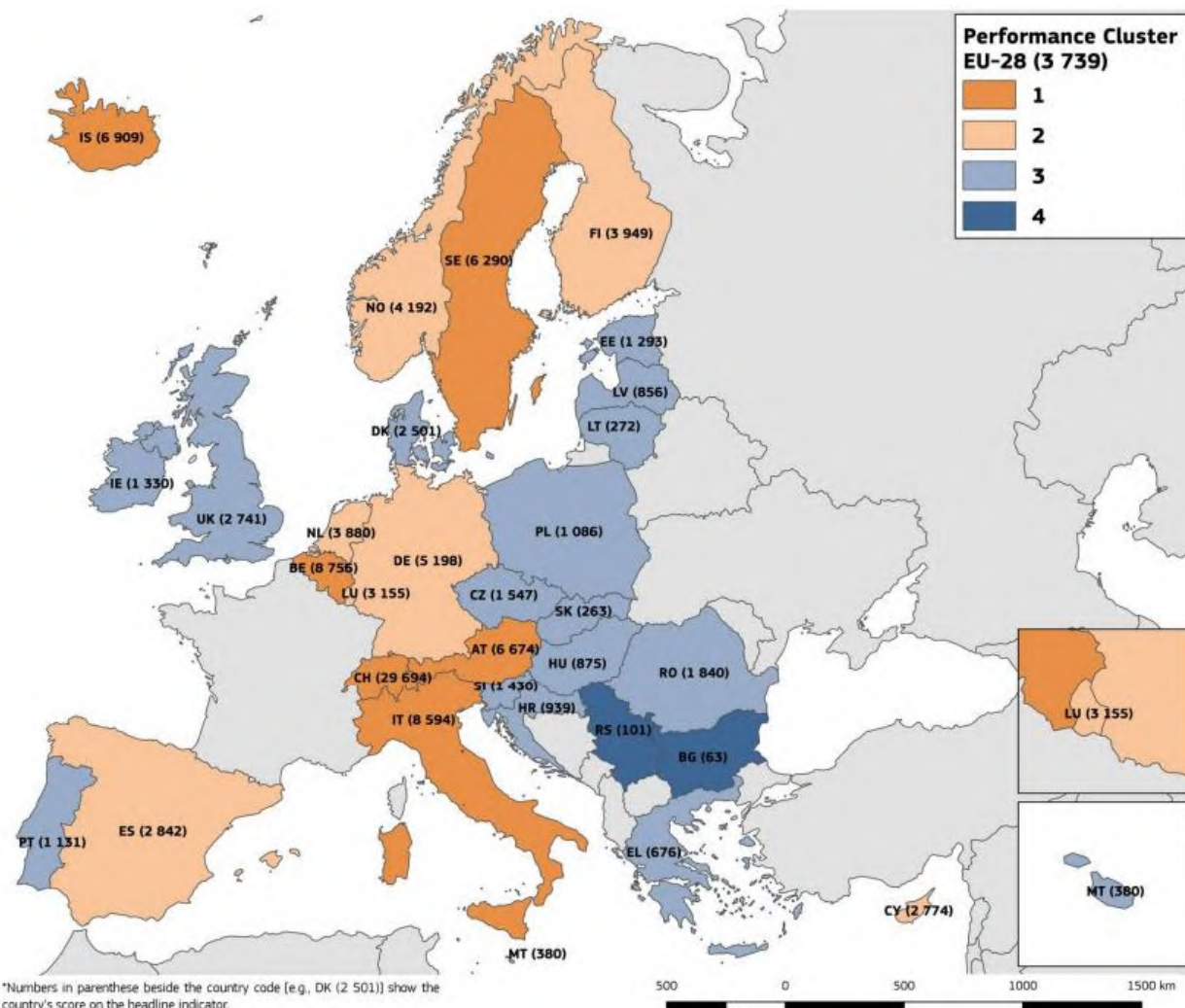
## HEADLINE

## Complementary 2

Priority	Input Indicator	Output Indicator	Outcome/Impact Indicator
Sub-priority 2a: Optimal transnational cooperation	Member States participation in public-to-public collaborations per FTE researcher in the public sector (Eurostat and ERA-Learn 2020 report on P2P) <b>CS</b>	GBARD allocated to Europe-wide transnational, as well as bilateral or multilateral, public R&D programmes per FTE researcher in the public sector (Eurostat) <b>CS</b>	International co-publications with ERA partners per 1 000 researchers in the public sector (WoS and Eurostat) <b>CS, L</b>
	Country size bias (in favour of small countries) <b>CS</b>	Country size bias (in favour of small countries) <b>CS</b>	Country size bias (in favour of small countries) <b>CS</b>
			Country location bias <b>L</b>



# ERA Progress Report 2018



\*Numbers in parentheses beside the country code [e.g. DK (2 501)] show the country's score on the headline indicator.

## HEADLINE

### ERA PR 2016

### ERA PR 2018

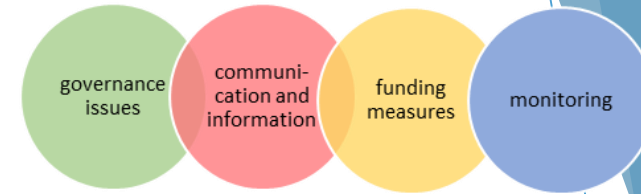
Cluster 1	EU-28 2.507€	Cluster 1	EU-28 3.739€
CH	27 941	CH	29 694
BE	9 251	BE	8 756
IT	8 395	IT	8 594
AT	6 958	IS	6 909
IS	6 927	AT	6 674
SE	6 067	SE	6 290


ERA ROADMAP



**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).

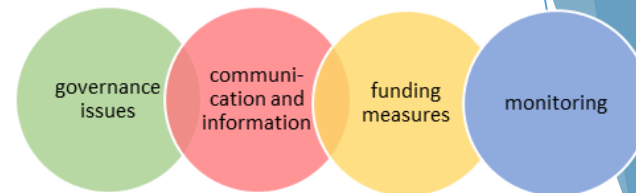
Note: As per Table 7.  
Source: Computed by Science-Metrix using Eurostat data (online data codes: gba\_tncoor and gba\_nabsfin07).



CH		Providing Swiss researchers an entire and best possible participation in all relevant transnational European RDI programmes, initiatives and projects, is a main objective of the Swiss Confederation, as well as establishing and maintaining an optimal transnational cooperation within Europe. Switzerland will continue its efforts in the future to reach this goal. Wherever possible, Switzerland tries to expand and promote the participation in such RDI activities. Therefore, the focus lays on the expansion of existing
		The SNSF endeavours to extend bi- and multilateral agreements, thereby including also the further development of common funding principles. In its Multi-Year Programme 2017-2020 the SNSF targets to improve support of international cooperation in all funding schemes through additional funds.

Strong commitment to implement their international strategy





IT



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 Clusters coordinated by the Head of the Department for Higher Education and Research and the Department for Economic Development and Social Cohesion and DGs from

Operativo Interministeriale – GOI (see Fig. 5) to coordinate Italy's research and innovation in JPIs, according to guidelines set out by the TASSC (see Specific Thematic Focus Groups) and representatives in the JPI scientific and management bodies.



#### GRAND SOCIETAL CHALLENGES STEERING BOARD

- MIUR (chair)
- MISE-DPS
- MISE-MAF
- MIBAC
- Min. Health
- Min. Environment
- Regions
- Italian Representative in the GPC
- Italian Representative in ESFR
- Italian Representative in the Strategic Configuration of Horizon 2020

#### THEMATIC FOCUS GROUPS

(covering the twelve National Technology Clusters)

#### Representatives of Involved Ministries

- Representatives of involved Regions (in accordance with the national SS)
- Italian Representatives in the Horizon 2020 Committees
- Representatives of CTN
- Italian Representatives in JPIs

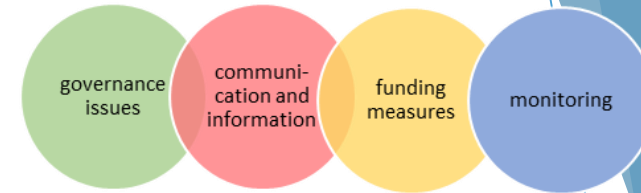
#### Instruments

Calls, Proposals, Projects funding

#### NATIONAL RESEARCH SYSTEM

- University
- Research Performing Organisations
- Private Sector





AT

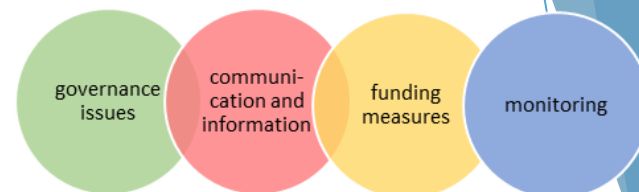
*Initiative for strategic cooperation/networking along the Grand Societal Challenges in consideration / by integration of existing network structures:*

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.

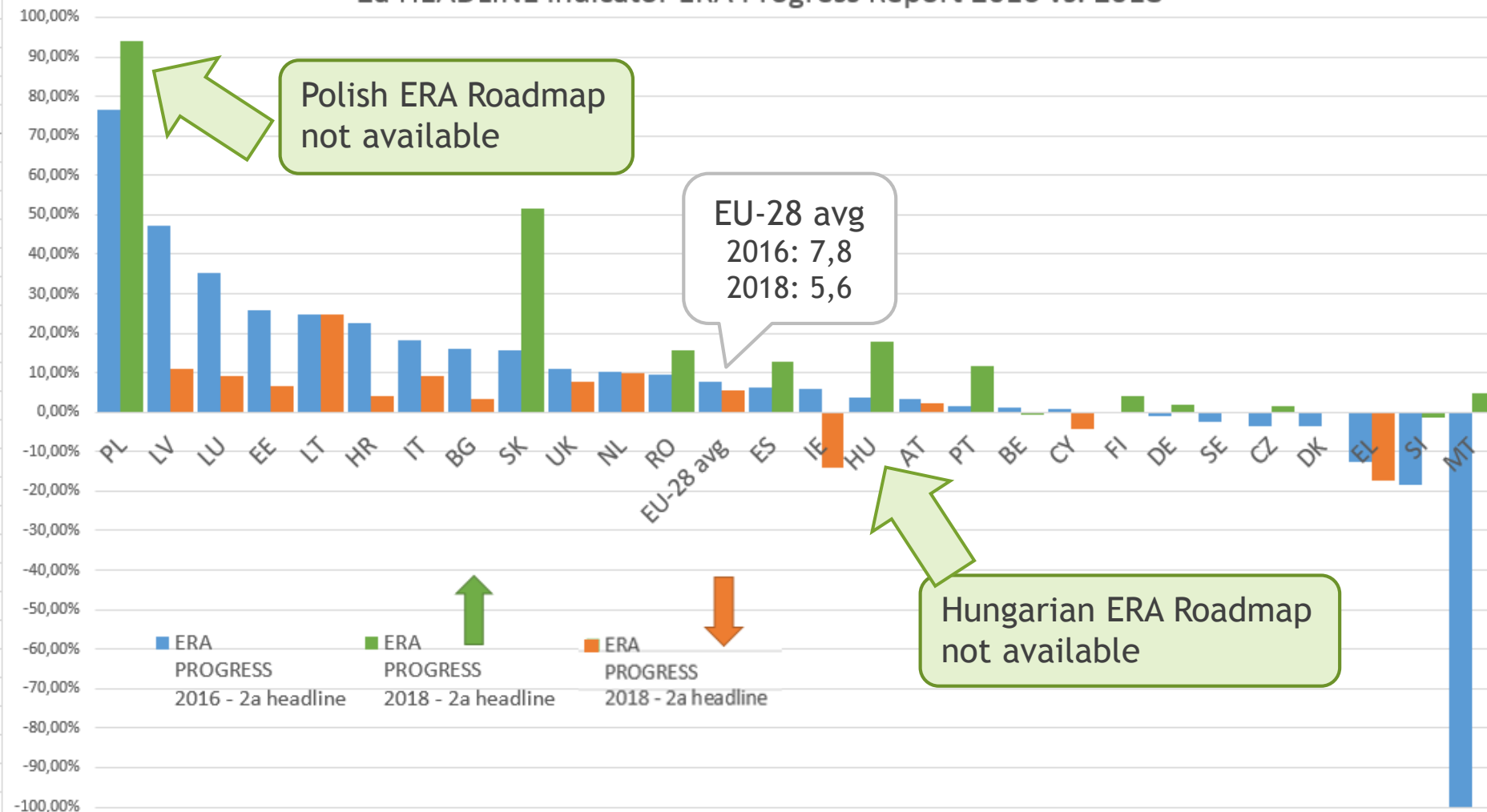
- Strong commitment to implement RTI Strategy
- 2 pilot projects: (1) Networking platforms **ON TRACK**  
(2) linking science + societal stakeholders + business sector + political sector **POSTPONED**



		Revise and reform, when justified, national, bilateral, transnational, intergovernmental and international research activities (2016-2019)		
	Federal	in order to Improve the Interfeder		In 2016, 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.
		Better info increasing Art. 185 an		In 2017, 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 problematics (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.
BE		A formal co decision fi position it a participa between b regular int Additional Flemish go in the JP p In the imn of the High item is the In Europea the Flemis common p competitio not to exte outcome, b When perf categories		Brussels-Central
	Flemish Government			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/IMCWB), does not currently deal with the issue of joint programming in a sufficient and effective way. 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.
				In 2016 and 2017 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
				The involvement of Innoviris in JPI initiatives and ERA-NETs and our participation at the ERAC 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.
				Wallonia and Wallonia- Brussels Gov.
				Establish a track record of participation (currently underway);
				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-2016);
				Maintain the financial resources to be able to continue to meet the needs of researchers.
				A review of Walloon participation in JP initiatives is underway and will be available in late summer 2016



2a HEADLINE indicator ERA Progress Report 2016 vs. 2018



2a HEADLINE indicator:

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)



# Assessment

## ► Last Progress Report on Priority 2a June 2018

TOTAL ACTIONS	97	FINISHED	ON TRACK	ON-GOING WITH DELAY	POSTPONED	TERMINATED	CANCELLED	SCHEDULED FOR	check	% response
governance	55	4	28	10	1	1			44	80
comm & information	19	1	11	1	2		1		16	84,210526
funding	13		6	1	1				8	61,538462
monitoring	10	1	5	1	1	1	1		10	100
	0	6	50	13	5	2	2	0	78	80,412371
		0,076923	0,6410256	0,166666667	0,064102564	0,025641026	0,02564103	0		
		0,717948718								

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

2nd round MAY 2019										
TOTAL ACTIONS	97	FINISHED	ON TRACK	ON-GOING WITH DELAY	POSTPONED	TERMINATED	CANCELLED	SCHEDULED FOR	check	% response
governance	55	4	23	1					28	50,909091
comm & information	19	2	7		3		1		13	68,421053
funding	13	1	4				1		6	46,153846
monitoring	10	2	3		1		1		7	70
	0	9	37	1	4	0	3	0	54	55,670103
		0,166667	0,6851852	0,018518519	0,074074074	0	0,055555556	0		
		0,851851852								

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

Progress (February 2018)		Progress (May 2019)		
ON TRACK	ON TRACK	ON TRACK	ON TRACK	o
POSTPONED	POSTPONED	POSTPONED	POSTPONED	o
ON TRACK	ON TRACK	ON TRACK	ON TRACK	o
ON TRACK	ON TRACK	ON TRACK	ON TRACK	o
ON-GOING WITH DELAY	ON-GOING WITH DELAY	ON-GOING WITH DELAY	ON-GOING WITH DELAY	o
ON TRACK	FINISHED	ON TRACK	FINISHED	+

o same as before  
+ progressed  
- regressed

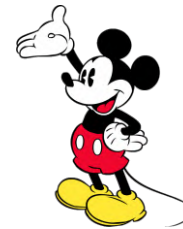
o	38
+	12
-	2

+		
ON TRACK	FINISHED	4
ON-GOING WITH DELAY	FINISHED	2
ON-GOING WITH DELAY	ON TRACK	5
POSTPONED	ON TRACK	1
-		
POSTPONED	CANCELLED	1
ON TRACK	POSTPONED	1



Progress is impossible  
without change.

Walt Disney



petra.zagar@gov.si