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**WORKING PAPER**

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**MEETING DOCUMENT**

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From:	ERAC Secretariat
To:	ERAC (European Research Area and Innovation Committee)
Subject:	PowerPoint presentation by the Commission: "European Research Area: An open space for knowledge and growth - ERA Progress Report 2016"

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Delegations will find attached the PowerPoint presentation "European Research Area: An open space for knowledge and growth - ERA Progress Report 2016" given by the Commission concerning the item 5.2 of the ERAC plenary agenda of 16-17/03/2017.



# European Research Area

An open space  
for knowledge and growth

**ERAC/RWP meeting  
Malta 16/17 March 2017**

**ERA Progress Report 2016**

**Anette Bjornson, DG RTD  
Open Science and ERA Policy**

# Key messages

- All headline indicators show progress over time according to the EU-28 averages, although large disparities both in performance levels as in growth rates between countries exist
- For each country, performance levels and trends can be measured under each headline indicator
- ERA 'top-scores' can be used as potential benchmarks for countries lagging behind.
- EMM indicators backbone for monitoring progress but complementary qualitative analysis needed to get the full picture

# Key policy messages

- The ERA concept evolves over time, opening up to future challenges, like digitalisation and global networks.
- Seeking complementarities between and rationalisations of national and EU-policies needed.
- Member States should turn their focus towards reinforced implementation to deliver on all ERA priorities with monitoring and policy support from the Commission.
- ERA NAPs are a clear proof of political ownership and ambition to make further progress on ERA. Special attention for weaker scores and policy initiatives in that field.

# Monitoring evolution (2014-2016)

## *Process ad novelties:*

- 24 indicators (output, input, outcome for each priority): 8 headline indicators +16 complementary indicators jointly defined by Member States, research stakeholders and the Commission.
- First time showing MS progress in time for each priority.
- Inclusion of NAP's main type of actions and policies for "bottlenecks" according to NAPs.
- 87 interviews with key members of stakeholder Research Performing Organisations and Research Funding Organisations from all MS and AC for qualitative elements
- Clustering: RPO's according to ERA compliance (2014) vs. MS clustering according to indicator score (2016)

# ERA Progress Report 2016

## *Content:*

- **Report from the Commission to the Council and Parliament with main political messages**
- **Staff Working Document by Commission**
- **Science Metrix study**
  - ❖ Progress results by priority (performance and progress)
  - ❖ Overall picture including main findings

plus

- **34 Country snapshots (28 MS + 6 AC)**
- **ERA monitoring handbook: Methodology monitoring (indicators, statistical methods & definitions)**

# Structure of SWD by the Commission

## *General introduction*

### ***6 chapters by ERA priority structured as follows:***


















- Reference to ERA COM 2012 and conclusion 2014 ERA Progress Report
- Top priority according to 2015 ERA Roadmap and headline indicator
- Findings Science-Matrix report –performance and progress on headline indicators (tables)
- Main type of actions National Action Plans
- Reference to ERA related groups and Stakeholders Organisations
- Conclusions on combination of elements mentioned above

### ***Overall policy conclusions and suggestions further work***

### ***Annex with overview of contributions from ERA related groups and members of ERA Stakeholder's Organisations Platform***










# Example of table showing the presentation layout used to report the data for each indicator

Country	Weight in GDP	Score (2013)	CAGR (2006-13)	Lead/Gap to EU-28 CAGR	Trendline (2006-13)
<b>EU-28</b>		<b>0.64%</b>	<b>9.6%</b>	<b>N/A</b>	
Cluster 1	9.3%	0.03	18.3%	12.5	
Cluster 2	29.5%	0.01	9.0%	3.3	
Cluster 3	61.2%	0.00	-17.6%	-23.4	
Cluster 4	N/A	N/A	N/A	N/A	
<b>Cluster 1</b>					
NL	4.5%	3.72%	17.5%	11.7	
CH	3.6%	3.07%	8.6%	2.8	
IE	1.2%	2.23%	28.8%	23.1	
<b>Cluster 2</b>					
FI	1.4%	1.38%	16.8%	11.1	
LU	0.3%	1.29%	5.3%	-0.5	
SE	3.0%	1.08%	1.7%	-4.0	
IS	0.1%	0.90%	:		
HU	0.7%	0.89%	10.6%	4.9	
DE	19.5%	0.77%	18.6%	12.8	
DK	1.8%	0.71%	1.8%	-3.9	
BE	2.7%	0.64%	8.2%	2.4	
<b>Cluster 3</b>					
UK	14.1%	0.46%	-3.0%	-8.7	
FR	14.6%	0.43%	6.7%	0.9	
AT	2.2%	0.25%	7.4%	1.7	
IT	11.1%	0.19%	18.2%	12.4	
CZ	1.1%	0.13%	17.3%	11.5	



# Example of Country snapshot

## Progress of Sweden towards ERA Roadmap

	Indicator	Performance				Growth					
		Name	Reference year	Score	Cluster	Lead/Gap (Δ %)	EU-28	Reference Period	CAGR	Trend (2005–2015)	Lead/Gap (Δ % pt)
Across Priorities	1 – Adjusted Research Excellence	2013	66.6	1	50	44.4	2010–2013	5.2%		-1.2	6.4%
	2A – GBARD to transnatl coop (EUR/researcher)	2014	6,067	2	142	2,507	2010–2014	-2.5%		-10.3	7.8%
	2B – Roadmap for ESFRI projects	National roadmap implemented in 2011, ESFRI projects identified, investment needs identified									
	3 – EURAXESS job ads per 1 000 researchers	2014	156.1	1	232	47.0	2012–2014	17.0%		9.1	7.8%
	4 – Share of women among Grade A HES	2014	24.3%	3	11	22.0%	2007–2014	4.3%		1.9	2.4%
	5A – Research institute–private collaboration	2012	10.8%	2	49	7.3%	2008–2012	8.9%		5.4	3.5%
	5A – Higher education–private collaboration	2012	17.1%	2	42	12.0%	2008–2012	4.2%		3.0	1.3%
	5B – Share of papers in Open Access (Total)	2014	57.0%	2	9	52.2%	Not computed				
	6 – Collab papers w/non-ERA per 1 000 researchers	2014	85.1	1	68	50.7	2005–2014	3.8%		-0.4	4.1%
	Headline Composite	2016	72	1	44	50	Not computed				



# ERA Progress Report 2016

Weblink:

[http://ec.europa.eu/research/era/eraprogress\\_en  
.htm](http://ec.europa.eu/research/era/eraprogress_en.htm)

## Next steps

- More elaborate analysis by ERAC and ERA related groups for the various priorities.
- The integration of the monitoring of the ERA Roadmap in future progress reports for future ERA.
- PM future monitoring