



European Research Area

An open space
for knowledge and growth

Analysis of National Action Plans

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Why is this analysis done?

- Because it is necessary to follow the impact of the actions that are proposed in the **ERA National Action Plans** and measure if the objectives that are set, are achieved
- The best way to do that in a first step is to look at the targets and baselines and compare the new state of play to these
- A second stage of the exercise is to analyse qualitatively what is behind the development and deviations that are found
- Today we will focus only on the quantitative analysis.

Overall Impression

- Clear commitment to ERA in line with Council Conclusions and ERA roadmap
- Good systemic coverage of priorities and policy actions
- Efforts to integrate ERA into diverse national R&I policies and ecosystems

Although:

- Different formats
- Moderate inclusion of baselines, targets & timelines
- Different scope on priorities
- Different degree of detail of policy description
- Relabeling of existing policies

Definitions criteria

- **Baseline:** Analysis of current situation to identify the **qualitative** starting point for a policy action (new instrument, framework condition or reform)
- **Target:** **quantitative** target to be achieved in the future by the policy action
- **Actions:** new policy actions to achieve objectives within the scope of the ERA priority
- **Timeline:** a description of important events (milestones) with concrete dates to implement the policy action

Priority 1 more effective national research systems criteria included

country	baseline	target	actions	timeline
AT			V	V
BE	V		V	
BG		V	V	V
CY		V	V	
CZ		V	V	V
DE	V	V	V	
DK	V	V	V	
EE	V	V	V	
EL	V	V	V	V
ES			V	
FI			V	V
FR			V	
HR	V	V	V	V
HU				

country	baseline	target	actions	timeline
IE	V	V	V	V
IT	V	V	V	V
LT	V	V		V
LU				
LV	V	V	V	
MT			V	
NL	V	V	V	V
PL				
PT				
RO		V	V	
SE				
SK				
SI	V		V	
UK		V	V	

Priority 2a Jointly addressing grand challenges criteria included

country	baseline	target	actions	timeline
AT	V		V	V
BE	V		V	
BG		V		
CY			V	
CZ		V	V	
DE	V	V	V	
DK	V		V	
EE	V		V	
EL			V	
ES			V	
FI	V		V	
FR	V		V	
HR				
HU				

country	baseline	target	actions	timeline
IE			V	
IT				
LT				
LU				
LV	V	V	V	V
MT				
NL			V	
PL				
PT				
RO			V	V
SE				
SK				
SI	V		V	
UK	V		V	

Priority 2b Research Infrastructures criteria included

country	baseline	target	actions	timeline
AT	V		V	V
BE	V		V	
BG		V		
CY			V	
CZ			V	V
DE	V		V	
DK	V	V	V	
EE			V	
EL				
ES			V	
FI	V	V	V	V
FR	V		V	
HR	V	V	V	V
HU				

country	baseline	target	actions	timeline
IE	V		V	
IT		V	V	V
LT				
LU				
LV	V	V	V	V
MT			V	
NL			V	V
PL				
PT				
RO			V	
SE				
SK				
SI	V		V	
UK	V		V	

Priority 3 An open labour market for researchers criteria included

country	baseline	target	actions	timeline
AT	V	V		V
BE	V		V	
BG			V	
CY			V	
CZ		V	V	
DE	V		V	
DK	V		V	
EE			V	
EL			V	
ES			V	
FI			V	V
FR			V	
HR			V	
HU				

country	baseline	target	actions	timeline
IE	V	V	V	V
IT	V	V	V	V
LT		V	V	V
LU				
LV	V	V	V	
MT			V	
NL			V	
PL				
PT				
RO			V	
SE				
SK				
SI	V		V	
UK	V		V	

Priority 4 Gender equality and gender mainstreaming in research criteria included

country	baseline	target	actions	timeline
AT	V		V	V
BE	V	V	V	
BG		V		
CY			V	
CZ			V	
DE	V	V	V	
DK	V		V	
EE			V	
EL			V	
ES			V	
FI			V	
FR	V		V	
HR	V		V	
HU				

country	baseline	target	actions	timeline
IE	V		V	
IT	V	V	V	V
LT			V	
LU				
LV	V	V	V	V
MT			V	
NL	V	V	V	
PL				
PT				
RO	V			
SE				
SK				
SI	V	V	V	
UK	V		V	

Priority 5a Knowledge transfer and open innovation criteria included

country	baseline	target	actions	timeline
AT	V		V	V
BE			V	
BG		V		
CY			V	
CZ			V	
DE			V	
DK			V	
EE			V	
EL			V	V
ES			V	
FI		V	V	V
FR	V		V	
HR			V	
HU				

country	baseline	target	actions	timeline
IE		V	V	V
IT		V	V	V
LT		V	V	V
LU				
LV	V	V	V	
MT			V	
NL		V	V	V
PL				
PT				
RO			V	
SE				
SK				
SI	V		V	
UK	V		V	V

Priority 5b Open Access to publications and data criteria included

country	baseline	target	actions	timeline
AT			V	V
BE	V		V	
BG				
CY			V	
CZ			V	
DE			V	
DK	V	V	V	
EE			V	
EL			V	
ES			V	
FI		V	V	V
FR			V	
HR			V	
HU				

country	baseline	target	actions	timeline
IE				
IT	V	V	V	V
LT				
LU				
LV	V	V	V	V
MT			V	
NL	V	V	V	V
PL				
PT				
RO	V		V	
SE				
SK				
SI		V		V
UK			V	

Priority 6 International cooperation criteria included

country	baseline	target	actions	timeline
AT	V		V	V
BE	V		V	
BG				
CY			V	
CZ			V	
DE			V	
DK			V	V
EE	V		V	
EL		V	V	V
ES			V	
FI			V	V
FR			V	
HR			V	
HU				

country	baseline	target	actions	timeline
IE		V	V	
IT			V	V
LT			V	
LU				
LV	V	V	V	
MT			V	
NL			V	
PL				
PT				
RO			V	
SE				
SK				
SI			V	
UK	V	V	V	

Summary Action Plans Priorities 1-6

total number of criteria included out of 32

country	baseline	target	actions	timeline	total
AT	6	1	7	8	22
BE	7	1	8	0	16
BG	0	5	2	1	8
CY	0	1	8	0	9
CZ	0	3	8	2	13
DE	5	3	8	0	16
DK	6	3	8	1	18
EE	3	1	8	0	12
EL	1	2	7	3	13
ES	0	0	8	0	8
FI	2	3	8	6	19
FR	4	0	8	0	12
HR	3	2	7	2	14
HU					

country	baseline	target	actions	timeline	total
IE	4	4	7	3	18
IT	4	7	8	8	27
LT	1	3	4	3	11
LU					
LV	8	8	8	4	28
MT	0	0	8	0	8
NL	3	4	8	4	19
PL					
PT					
RO	2	1	7	1	11
SE					
SK					
SI	6	2	7	1	16
UK	6	2	8	1	17

Percentage of countries fulfilling criteria included

	baselines	targets	actions	timelines	average
prio 1	52	65	91	43	63
prio 2a	43	22	83	17	41
prio 2b	48	26	83	30	47
prio 3	39	26	91	22	45
prio 4	57	30	87	13	47
prio 5a	22	30	91	35	45
prio 5b	26	26	78	26	39
prio 6	22	17	91	22	38
total	39	30	87	26	46

Methodological issues tick box analysis

- Baselines in some NAPs, only part is quantitative, most description current situation without reference framework
 - Almost all countries define actions for each priority; more specific approach needed (instruments, framework conditions and reforms)
 - Hardly any **quantitative** targets, many targets missing or described in qualitative way
 - Timelines often missing or described in tentative way
- ***ERAC's feedback on these findings ?***

Basis for learning exercise – questions to be discussed in workshop

- Analytical framework needs to be discussed and agreement is needed on a common ground for learning exercise.
- Quantitative description of baselines, targets & timelines are essential elements for learning and monitoring
- Improving structure NAPs, notably baselines, targets & timelines might be challenging for many countries. How can a solid basis for policy implementation be defined?
- Research & innovation need long term oriented policies.
- Forthcoming ERA Progress Report 2016 can have a supportive role

Follow-up on the ERA National Action Plans

Strategic level: ERAC

- Overarching, horizontal elements of priorities 1-6: monitoring aspects, policy mix of priorities, overall alignment between national and EU-level policies, alignment with other policy domains (education, employment, growth, ICT etc.)

Set-up next workshop:

- Presentation of the analysis carried out by the other ERA-related groups
- Assessment of priority 1 and other priorities not covered by ERA-related groups
- Monitoring quantified by objectives, actions, timelines and the targets
- What can we learn from this, which impact will it have and what are the next steps?