



Czech Republic – Research Infrastructure: Fact sheet

1. Is there a National Roadmap for RI in place?		
Yes	No	In planning
x		

Source: Data derived from InRoad Consultation on RI (2017).

2. Link to the roadmap
http://www.msmt.cz/file/36333_1_1 [Last access: 07/2017].

Source: Data derived from InRoad Consultation on RI (2017).

3. RI definition deviates from ESFRI RI definition (If yes, please check RI definition in the Annex).	
Yes	No
x	

Source: Data derived from InRoad Consultation on RI (2017).

4. Players and their responsibilities in the national RM procedure					
	Responsibility for RM	Decision-making	Funding	Scientific evaluation	Economic evaluation
MEYS	x	x	x	x	x
CLRI		x			

Source: Data derived from InRoad Consultation and Desk Study on RI (2017).

5. Steps and Actions in the national RM Procedure		
Step	Action	Responsible actor
1	Planning	MEYS
2	Call	MEYS
3	Landscape analysis	CLRI
4	Mapping	MEYS
5	Eligibility Check	MEYS
6	Science-driven Evaluation	MEYS / International Evaluation Committee.
7	Economic evaluation	MEYS / International Evaluation Committee.
8	Evaluation of societal relevance	MEYS / International Evaluation Committee.
9	Decision	MEYS
10	Validation	Government of the Czech Rep.

Source: Data derived from InRoad Consultation on RI (2017).

6. Criteria of the decision-making process in the RM procedure		
Eligibility criteria	Evaluation criteria	Feasibility criteria
Only those RI which fully comply with the definition of RI are eligible for RM process.	<ul style="list-style-type: none"> The RI is of excellent quality with respect to uniqueness, originality and importance The RI is highly relevant for future development in the research and innovation environment and inevitable for the competitiveness of the 	<ul style="list-style-type: none"> Institutional background of RI Scientific and personnel capabilities



	Czech Republic <ul style="list-style-type: none"> • Links to national R&D priorities (detailed information in 2.3 Annex Part 1) 	
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Source: Data derived from InRoad Consultation and additional documents provided through the Consultation on RI (2017).

7. Towards harmonisation and synchronisation of RM Procedure		
The respondents are interested in...	...an exchange of experience for the following topics.	...increased coordination for the following topics.
Involved players and responsibilities		
Planning and design of RM		
Inventory/landscape analysis	x	x
Evaluation procedures		
Strategic decision-making	x	
Timing of national and European RM	x	x
Life cycle management	x	
RI funding instruments	x	x
Monitoring and evaluation of RI		x
Prioritisation of RI		x

Source: Data derived from InRoad Consultation on RI (2017).

8. Timelines and Life-cycles: Publication and update
<p>The "Roadmap of Large RDI Infrastructures of the Czech Republic" was issued in 2010, updated in 2011 and lastly in 2015. The "Roadmap of Large Infrastructures for Research, Experimental Development and Innovation of the Czech Republic for the years 2016–2022" is the most recent roadmap: http://www.msmt.cz/file/36333_1_1 [Last access: 07/2017].</p> <p>The process of updating the Roadmap of Large Infrastructures of the Czech Republic continues to be synchronised with the ESFRI Roadmap updates in order to be able to provide the pan-European RI applying for the ESFRI Roadmap with involvement and participation of the Czech RI with both the political and financial commitment. The update of the Roadmap of Large Infrastructures of the Czech Republic in 2018 is connected with international peer-review evaluation of the existing RI and with possible funding granted by the MEYS in 2018 for a 3-year period until 2022.</p>

Source: Data derived from InRoad Consultation on RI (2017).

9. Main purposes of the national RM on RI
<ul style="list-style-type: none"> • An identification of scientific needs and existing gaps responding to the changing R&D and socio-economic demands • An inventory and evaluation of existing RI • An input for funding decisions on existing RI • An input for the ESFRI roadmap update • A list of strategic RI, which are foreseen for funding, subject of governmental approval <p>Strategic considerations within the Road mapping process encompass the construction phase of a new RI, the operation phase of an existing RI, and the upgrades. Decommissioning is not considered, since there are no RI on the RM within decommissioning phase. However, decommission costs are considered as eligible within RI budget. Only the so-called Large RI are considered in this</p>



exercise. These RI projects are subject of a multilayer evaluation with a strong international peer-review component (scientific excellence). Also the uniqueness and societal relevance are important aspects of the strategic RI planning. The Roadmap consists of New RI, which emerge both in the Czech Republic and ERA in the all the R&D fields, of existing RI, which have grown in relevance reflecting the socio-economic needs to the category of "Large RI", and of those RI, which are considered as the **principal components** of the Czech national research and innovation system. Over the last ten years a number of steps aiming at providing the Czech RI with a **stable legal and financial environment** were made. In the end of the evaluation process each RI is submitted by the Ministry of Education, Youth and Sports, as a central authority for RI, for the final adoption by the Czech Government in line with the national **R&D Support Act**. This political commitment (approval of the RI as being a "Large RI") implies a commitment for funding of these Large Infrastructures for a 4-year period with a possible prolongation of 3-years.

Source: Data derived from InRoad Consultation on RI (2017).

10. Organisation and main indicators for funding of RI			
	Planning	Construction	Operation
National budget	x	x	x
European Fund for Strategic Investments (EFSI)			
European Structural and Investment Funds (ESIF) managed at national level		x ¹	
Regional budget			
ESIF managed at regional level			x
Research funding agencies	x		
Research Performing Organisations			x
European Investment Bank			
Horizon 2020	x		x
Others			

Source: Data derived from InRoad Consultation on RI (2017).

11. Responsible Organism(s) for RI Funding
<ul style="list-style-type: none"> • Ministry of Education, Youth and Sports responsible for targeted support grants, ESIF projects, and institutional support • Academy of Sciences of the Czech Republic responsible for institutional support

Source: Data derived from InRoad Consultation on RI (2017).

12. RI Funding Sources
<ul style="list-style-type: none"> • National budget mostly responsible for operation of RI² • H2020, which funds both individual and pan-European RI, projects namely the majority of operational costs. However, regarding the Czech RI the H2020 funding source is in minority compared to the national budget source used for operational costs.

¹ Also possible upgrades are eligible from this source.

² The investments are mainly covered by ESIF (Operational Programmes).



Research Infrastructure Life-cycle	Concept Phase	Design Phase	Preparation Phase	Construction/ Implementation Phase	Operation Phase	Termination Phase	Others (e.g. upgrade, repurposing)
Funding source	-	1. H2020	1. National budget; 2. H2020	1. ESIF	1. National budget;	-	1. ESIF
Funding instrument	-	- RI configuration	- Targeted support of RI; - Institutional support; - RI configuration	- Operational Programme Research, Development and Education	- Targeted support of RI; - Institutional support;	-	- Operational Programme Research, Development and Education
Responsible funders / funding bodies	-	- EC	- Ministry of Education, Youth and Sports; - Academy of Sciences; - EC	- Ministry of Education, Youth and Sports	- Ministry of Education, Youth and Sports; - Academy of Sciences;	-	- Ministry of Education, Youth and Sports;
Covered costs	-	- personnel, direct and indirect costs	- personnel, running costs (also indirect costs)	- personnel, direct and indirect costs, investments	- personnel, running costs (also indirect costs), less investments, membership fees	-	- personnel, direct and indirect costs, investments
Period of time covered (years)	-	-	2016-2019	2016-2019	2016-2019	-	2016-2019

Source: Data derived from InRoad Consultation on RI (2017).

13. Details on national funding mechanisms

- Only those RI listed on the National Roadmap could be funded from targeted support for RI. All RI funded with ESIF have to comply with RIS3 priorities. The specific call from ESIF (OP RDE) for RI is meant only for those RI listed on the National RI Roadmap, i.e. only for those which have been approved by the Czech Government and which are funded also from targeted support of national R&D budget
- Design of different funding instruments in the Czech Republic is prepared for their potential combination with other instruments
- It is envisioned the preparation of new future instruments for RI funding

Source: Data derived from InRoad Consultation on RI (2017).



14. National Operational Program Information		
Total amount (EU amount and National amount)	All Programs (€M)	32,291,4
	Programs with ERDF (€M)	11,783,8
EU amount	All Programs (€M)	23,979,7
	Programs with ERDF (€M)	11,940,7
Thematic objective 1 (Research & Innovation)	Total funds (€M)	2,497,3
	ERDF (€M)	2,421,1
Investment category - ERDF	058. Research infrastructure and innovation (public) (€M)	635,7
	059. Research infrastructure and innovation (private and scientific parks) (€M)	134,3

Funding information of research infrastructures covering the period 2014-2020 gather inputs from the consultation survey, as well as from the Open Data Portal for European Structural and Investment Funds from the European Commission (<https://cohesiondata.ec.europa.eu/> [Last access: 07/2017]) and the Operational Programmes, for the categories of investment 058. and 059. (dedicated to research infrastructures) (http://ec.europa.eu/regional_policy/en/atlas/programmes/ [Last access: 07/2017]).

15. Changes of funding schemes of RI
Czech Republic does not plan to change their funding scheme for RI.

Source: Data derived from InRoad Consultation on RI (2017).

16. Relevant issue(s) not addressed
ESIF are considered to be a part of the national budget.

Source: Data derived from InRoad Consultation on RI (2017).

