



Bulgaria – 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
https://ec.europa.eu/research/infrastructures/pdf/roadmaps/bulgaria_national_roadmap_2017_en.pdf#view=fit&pagemode=none [Last access: 09/2017].

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
Ministry of Education, Youth and Sciences (MES)	x	x	x		
Ministry of Economy					
Ministry of Finance			x		
Research institutes					
Municipalities; Ministries of Regions			x	x	
External experts, and private companies					x
ESFRI				x	

Source: Data derived from InRoad Consultation and additional documents provided through the Consultation on RI (2017).



5. Steps and Actions in the national RM Procedure		
Step	Action	Responsible actor
1	Planning/ Preparation of Guidelines	Ministry of Education, Youth and Sciences (MES)
2	Call	MES, including National Science Fund
3	Landscape analysis	Working group of experts
4	Mapping	
5	Eligibility Check	
6	Science-driven Evaluation	ESFRI & local authorities
7	Economic evaluation	External (to the MES) experts – private companies
8	Evaluation of societal relevance	
9	Decision	
10	Validation	

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

Criteria of the decision-making process in the RM procedure		
Eligibility criteria	Evaluation criteria	Feasibility criteria
Not applicable or no information presently available.	<p>Demands and benefits of their scientific research:</p> <ul style="list-style-type: none"> • Development, maintenance and usage of research apparatuses and equipment • Scientific quality of the research and key beneficiaries of the research results (assessed through publications, patents, citations, number of consumers) • Institutional capacity (composition of the scientists, who perform the scientific research; availability of habilitated staff; number of PhDs, age profile, etc.) • Management of Programs for scientific research, financed on a competitive basis from national and international sources (number of current program and projects) • Activity in attracting funding from different sources • Social-economic benefits and relevance of the research results (availability of created product, technology, methodology, etc.). • Established partnerships – national, regional and European <p>(detailed information in 2.3 Annex Part 1)</p>	<p>The Research Infrastructure should meet the following requirements:</p> <ul style="list-style-type: none"> • To be of national interest • To guarantee the performance of high-quality scientific research that will produce considerable extra effect on economy • To be used by a large number of research groups and/or other users, including business representatives, carrying out hazardous or perspective scientific projects • To be complex and wide-range so that it could be used without constant methodical help • Long-term vision and plan for the achievement of specified scientific objectives, financial and operative reliability • To provide open and easy access for various scientists and research groups under specific and transparent conditions • To provide opportunities for "in situ access" and "remote access"

Source: Data derived from InRoad Consultation and additional documents provided through the Consultation on RI (2017).



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

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

8. Timelines and Life-cycles: Publication and updates
<p>A first Bulgarian Roadmap "BULGARIA NATIONAL ROADMAP FOR RESEARCH INFRASTRUCTURE" was published in 2010 and updated in 2017: http://ec.europa.eu/research/infrastructures/pdf/roadmaps/bulgaria_national_roadmap_2017_en.pdf#view=fit&pagemode=none [Last access: 09/2017].</p> <p>Further upgrades of the Roadmap are foreseen for 2020 and 2023. Decommissioning of the Roadmap is considered for 2020.</p> <p>The Centres of Excellence, which will be funded through structural funds in the near future, are included in the Roadmap.</p>

Source: Data derived from RM, Desk Study, ESFRI Homepage.

9. Main purposes of the national RM on RI
<ul style="list-style-type: none"> • A list to achieve agreement on the RI with institutional, regional and national stakeholders • A guide with strategic RI priorities for setting research policy priorities • An input for funding decisions on RI between institutional, regional and national stakeholders • A planning instrument to prepare for the negotiations at European (ESFRI) and international levels • A tool supporting and monitoring the implementation of RI • A (bottom-up) list of the scientific user community on desired RI • An inventory of existing RI

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

10. Organisation and main indicators for funding of RI			
	Planning	Construction	Operation
National budget			x
European Fund for Strategic Investments (EFSI)		x	
European Structural and Investment Funds (ESIF) managed at national level		x	
Regional budget		x	



ESIF managed at regional level			
Research funding agencies			x
Research Organisations	Performing		
European Investment Bank			
Horizon 2020			x
Others			

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

11. Responsible Organism(s) for RI Funding

- Ministry of Education and Science (MES) through investments, grants, salaries
- Ministry of Economy (ME) responsible for investment
- Municipality responsible for in kind contribution (lands, electricity and water supply)

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

12. RI Funding Sources

- National budget responsible for salaries and maintenance
- European Fund for Strategic Investments (EFSI) which covers construction
- European Structural and Investment Funds (ESIF) managed at national level which covers equipment
- Regional budget that covers lands
- Research Funding Agencies that are responsible for grants for research
- H2020 that contributes with grants for research

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

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. MES	Institutions involved	1. Complementary sources; 2. Private	-	-	-	-
Funding instrument	- Budget	- Budget	-	-	-	-	-
Responsible funders/funding bodies	- MES	- MES; - MI; - Municipalities	- Research Institutes; - Universities	Institutions involved	-	-	-
Covered costs	- personnel	- personnel	- personnel, other running costs, investment	- personnel, other running costs, investment	- personnel, other running costs, investment	- decommissioning costs	-



					ent		
Period of time covered (years)	1-3	1-2	2-3	3-4	3-6	-	-

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

13. Details on national funding mechanisms
<ul style="list-style-type: none"> • Funding decisions are linked with research and innovation smart and specialization strategies (RIS3) • Funding instruments are designed to be combined with other instruments • Call for Centers of Excellence are not complete yet and it's the strategy being followed • New additional instruments may be used in the future, namely structural funds to support RI

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

14. National Operational Program Information		
Total amount (EU amount and National amount)	All Programs (€M)	11,730,7
	Programs with ERDF (€M)	1,971,3
EU amount	All Programs (€M)	9,874,9
	Programs with ERDF (€M)	3,567,7
Thematic objective 1 (Research & Innovation)	Total funds (€M)	539,5
	ERDF (€M)	494,4
Investment category - ERDF	058. Research infrastructure and innovation (public) (€M)	0,0*
	059. Research infrastructure and innovation (private and scientific parks) (€M)	22,7*

* Data under evaluated; some documents not found. 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: 09/2017]) 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: 09/2017]).

15. Changes of funding schemes of RI
Bulgaria does not plan to change the funding scheme of RI.

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

16. Relevant issue(s) not addressed
Sustainability of the RI is not well defined in its monitoring scheme.

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

