



5. Steps and Actions in the national RM Procedure

Germany – 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/germany_national_roadmap_en.pdf#view=fit&pagemode=none [Last access: 07/2017]. https://www.bmbf.de/pub/The_National_Roadmap_Process_for_Research_Infrastructures.pdf [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	Research policy and societal evaluation
BMBF	x	x	x			x
Federal Ministries		x	x			
Federal States		x	x			
German Council of Science and Humanities (WR)				x		
Other Institutions					x	

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



Step	Action	Responsible actor
1	Planning	BMBF, BMWi, Länder, WR, other institutions
2	Call	BMBF
3	Landscape analysis	
4	Mapping	
5	Eligibility Check	BMBF
6	Science-driven Evaluation	WR
7	Economic evaluation	other institutions
8	Evaluation of societal relevance	BMBF
9	Decision	BMBF, BMWi, other relevant ministries
10	Validation	

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
<ul style="list-style-type: none"> German share of planned development costs: EUR 50 million (EUR 20 million in case of humanities and social sciences). Operation costs of the RI must be guaranteed by the RI hosting institution for at least 10 years following the development phase. 	<ul style="list-style-type: none"> Scientific: evaluation process, potential, prospects Competing and complementary research infrastructures Utilisation (detailed information in 2.3 Annex Part 1)	<ul style="list-style-type: none"> Technical feasibility institutional and personnel capabilities of the responsible institution(s) Relevance to Germany as a location of science and research

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		
Planning and design of RM	x	x
Inventory/landscape analysis	x	
Evaluation procedures	x	
Strategic decision-making	x	
Timing of national and European RM	x	x
Life cycle management	x	x
RI funding instruments	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 updates

"Roadmap for research infrastructures. A pilot project" of the BMBF was established in 2013 and has received one update.

https://ec.europa.eu/research/infrastructures/pdf/roadmaps/germany_national_roadmap_en.pdf#view=fit&pagemode=none [Last access: 06/2017].

The next update is running. The evaluation procedure focuses mainly on the definition and planning phase. The implementation phases, as well as the operation phase, are also considered.

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

9. Main purposes of the national RM on RI

- An identification of scientific needs and existing gaps responding to the changing R&D and socio-economic demands
- 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 list of strategic priorities, which are foreseen for funding
- A planning instrument to prepare for the negotiations at European (ESFRI) and international levels

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

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

11. Responsible Organism(s) for RI Funding

- Federal Ministry of Education and Research through grants
- Other relevant ministries through grants
- German Research Foundation through grants

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





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synchronising research infrastructure
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12. RI Funding Sources							
<ul style="list-style-type: none"> National budget Regional budget Research Funding Agencies Research Performance Organisation 							

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.Regional budget; 2.National budget	1.Regional budget; 2.National budget	1.Regional budget; 2.National budget	1. National budget	1.Regional budget; 2.National budget	1.Regional budget; 2.National budget	1.Regional budget; 2.National budget
Funding instrument	-grants	- grants	- grants	-grants	- grants	- grants	- grants
Responsible funders/ funding bodies	- RFOs; - RPOs; - State; - National ministries	- RFOs; - RPOs; - State; - National ministries	- RFOs; - RPOs; - State; - National ministries	-National ministries	- RPOs;	- RPOs;	- RFOs; - RPOs; - State; - National ministries
Covered costs	personnel, running costs, investment	personnel, running costs, investment	personnel, running costs, investment	personnel, investment	personnel, running costs, investment	personnel, running costs, investment	personnel, running costs, investment
Period of time covered (years)	-	-	-	up to 10 years	-	-	-

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

13. Details on national funding mechanisms	
<p>Germany has a funding decision process based on country strategic priorities as follows:</p> <ul style="list-style-type: none"> Funding is envisaged for all RI that are included in the National Roadmap. The actual implementation of funding takes place following the Roadmap Process. Germany designs funding instruments thinking of their potential combination with other funding sources. 	

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

14. National Operational Program Information		
Total amount (EU amount and National amount)	All Programs (€M)	44,738,2
	Programs with ERDF (€M)	18,327,0
EU amount	All Programs (€M)	27,913,4
	Programs with ERDF (€M)	10,773,8
Thematic objective 1 (Research & Innovation)	Total funds (€M)	4,032,2
	ERDF (€M)	3,819,1



Investment category - ERDF	058. Research infrastructure and innovation (public) (€M)	800,3
	059. Research infrastructure and innovation (private and scientific parks) (€M)	90,0

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

Germany is not planning any changes for the funding schemes of RI.

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

