



Poland – Research Infrastructures: 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.nauka.gov.pl/komunikaty/aktualizacja-polskiej-mapy-drogowej-infrastruktury-badawczej-wyniki.html [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 Roadmapping	Decision-making	Funding	Scientific evaluation	Economic evaluation
Ministry of Science and Higher Education (MNiSW)	x	x	x	x	
Other Institutions National Information Processing Institute			x		x
National Centre for Research and Development/ Information Processing Centre			x		
Marshal Offices			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	Ministry of Science and Higher Education
2	Call	Ministry of Science and Higher Education
3	Landscape analysis	Ministry of Science and Higher Education
4	Mapping	Ministry of Science and Higher Education
5	Eligibility Check	Ministry of Science and Higher Education



6	Science-driven Evaluation	Panel of experts (external, national and international reviewers)
7	Economic evaluation	experts evaluating proposals for the Ministry of Science and Higher Education and National Information Processing Institute
8	Evaluation of societal relevance	Ministry of Science and Higher Education
9	Decision	Ministry of Science and Higher Education
10	Validation	not in place

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"> Financing research infrastructures based on specific legal modalities, elaborated in 2014 with the amendment of the Act on the Principles of Financing Science On the regional level only projects approved by the Ministry of Infrastructure and Development and the Ministry of Science and Higher Education (to avoid duplication of investment) and included in the Territorial Contract may be supported. During appraisal of the verification projects, both Annex 5b to the Territorial Contracts for the Lower Silesian Voivodship will be subject to both. "Information on projects eligible for ERDF support under the Investment Priority 1a in the ROP" and accepted by the above-mentioned Ministries. The eligibility check includes the Regional Smart Specializations and the national Roadmap Compulsory annexes: the financial plan in accordance with the Research Agenda 	<ul style="list-style-type: none"> Overall rationale behind the proposed RI. Proposed ownership and operational structure Technical concept <p>Overall research objectives and the research programme.</p> <ul style="list-style-type: none"> Uniqueness of the proposed RI and its potential contribution to the advancement of scientific research Research potential of the consortium Previous and current involvement in national or international scientific activities Concept for execution of the research programme Overall cost estimates of the construction Previous experiences, current involvement and plans with regard to collaboration with other sectors on regional and national level Future possibilities for education and training of students and scientists Interconnections of the proposed RI with the landscape of research infrastructures in Europe Previous experience in serving the scientific community, the industry or the society Coherence of the proposed RI with goals and priorities of the Operational Programme Smart Growth <p>(detailed information in 2.3 Annex Part 1)</p>	<p>Feasibility study is a compulsory part of the application for financing. It includes analysis of demand for particular RI and plan for financing from external sources.</p> <p>the companies -</p> <p>Appropriateness of costs associated with the strategic research infrastructures:</p> <ul style="list-style-type: none"> - Appropriateness of costs in relation to the tasks foreseen for implementation in the construction phase and use of strategic research infrastructure, -Adequacy of costs to the assumed effects, including scientific and economic, related to the construction and use of strategic infrastructure research; - Applicant's ability to self-cover living expenses of Strategic Research Infrastructure and Indirect Costs: -Ability to co-finance the construction and maintenance of strategic research infrastructure from resources other than research resources, -The possibility of integrating the strategic research infrastructure into international projects: -Ability to integrate strategic



		research infrastructures into international structures , in particular in initiatives considered strategic by European Strategy Forum for Research Infrastructures.
--	--	---

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

7. Towards harmonisation and synchronisation of Roadmap 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		
Inventory/landscape analysis	x	x
Evaluation procedures	x	
Strategic decision-making	x	
Timing of national and European RM		
Life cycle management	x	
RI funding instruments		
Monitoring and evaluation of RI		x
Prioritisation of RI		

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

8. Timelines and Life-cycles: Publication and updates
<p>The Polish Roadmap for Research Infrastructures (PRRI) was announced by the Ministry of Science and Higher Education in 2009 together with another 2 calls. MNISW finished an update of the Polish Roadmap for Research Infrastructures (PMDIB), consisting of 53 projects, which consolidate the scientific potential in specific fields of research and rationalise the management of RI (2014).</p> <p>It was then published in 2014. The procedure for updating The Polish Roadmap for Research Infrastructures is set for 2018. As of July 2017, the Roadmap is only available in Polish. 30 of the indicated projects are national, 23 international, 13 among the projects present at the PMDIB is in the implementation phase.</p> <p>Funds for the construction or future operation of these projects can be obtained in accordance with normal procedures, within the national budget and EU funding. The fact of finding a particular object or device on a map is important for your chances of getting financing.</p> <p>Another map update of the science ministry wants to announce in February 2018.</p> <p>Construction of modern research infrastructures of a large scale, bringing together national and international research potential is one of the most important tasks of Polish science in recent years. As a result, the government spent almost PLN 29 billion on research and higher education investments. Modern laboratories, research centres, university campuses have been established.</p>

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

9. Main purposes of the national Roadmap 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 input for funding decisions on RI between institutional, regional and national stakeholders • A tool to differentiate between institutional and regional RI versus RI of (more than) national relevance

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 (projects compatible with H2020)
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		x	
Research funding agencies			
Research Performing Organisations			
European Investment Bank			
Horizon 2020			x
Others			

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

11. Responsible Organism(s) for RI Funding
<ul style="list-style-type: none"> • Ministry of Science and Higher Education responsible for Grants to support participation of Polish scientific community in international RI projects (mainly ESFRI); • Ministry of Science and Higher Education which is responsible for annual allocation earmarked to cover Poland's financial contributions to international institutions or organizations under international agreements; • Ministry of Science and Higher Education with Grants to cover costs of purchasing or assembling small research instrumentation; • National Centre for Research and Development/Information Processing Centre responsible for one time investment funds (EU Structural Funds 2014-2020) dedicated to support construction phase of RI from the Roadmap.

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

12. RI Funding Sources

- National budget that mostly to support RI of an international profile
- European Structural and Investment Funds (ESIF) managed at national level that mostly fund construction costs of RI of a national profile
- ESIF managed at regional level that fund construction costs of RI's of a national/regional profile

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. National budget; 2. ESIF - national level; 3. ESIF - regional level	1. National budget	1. Regional budget; 2. National budget	1. Regional budget; 2. National budget
Funding instrument	-	-	-	- Principles of Financing Science; - Smart Growth OP 2014-20; - ROP	- Principles of Financing Science;	- grants	- grants
Responsible funders/funding bodies	-	-	-	- Ministry of Science and Higher Education; - National Centre for Research and Development / Information Processing Centre; - Marshall Offices'	- Ministry of Science and Higher Education	- RFOs; - RPOs; - State; - National ministries	- RFOs; - RPOs; - State; - National ministries
Covered costs	-	-	-	-	personnel, running costs, investment	personnel, running costs, investment	personnel, running costs, investment
Period of time covered (years)	-	-	-	- up to 5 years; - max. until 2023;	-	-	-

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

13. Details on national funding mechanisms

- Poland funding decisions on RI are linked with the country strategic priorities.
- The inclusion of the research project in the Roadmap does not involve any financial commitment from the Ministry or other public authorities. According to the Act on the Principles of Financing Science, it gives however, certain advantage (additional points) to applications submitted to the Ministry. There is also a clear link between being included in the Roadmap and having a possibility to apply for the EU Structural Funds 2014-2020 on national level. The firm rule is that only projects that are present on the Roadmap are eligible for funding in structural policy scheme.
- Poland is planning a new instrument or mechanisms to fund RI. The instrument will be dedicated to support research communities that are interested in using RI located abroad.

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

14. National Operational Program Information		
Total amount (EU amount and National amount)	All Programs (€M)	104,899,0
	Programs with ERDF (€M)	47,136,3
EU amount	All Programs (€M)	86,095,2
	Programs with ERDF (€M)	40,213,9
Thematic objective 1 (Research & Innovation)	Total funds (€M)	8,436,1
	ERDF (€M)	8,351,4
Investment category - ERDF	058. Research infrastructure and innovation (public) (€M)	800,4
	059. Research infrastructure and innovation (private and scientific parks) (€M)	92,0

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]).

