



Sweden – 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://vr.se/inenglish/researchinfrastructure/guidetoresearchinfrastructures.4.2b56827a13380c5abfd80001506.html [Last access: 08/2017]

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 Infrastructure Council	x	x	x	x	x
Universities and RPO/RFO		x		x	
Scientific Research Councils				x	
Research Infrastructure Council's scientific advisory committees				x	x
Ministry of Enterprise*					
Ministry of Environment and Energy*					
Ministry of Health and Social Affairs*					
Ministry of Education and			x		



Research*					
Ministry of Foreign Affairs*					

Source: Data derived from InRoad Consultation and Desk Study on RI (2017).*Including several different funding agencies/ institutes.

5. Steps and Actions in the national RM Procedure		
Step	Action	Responsible actor
1	Planning	Research Infrastructure Council
2	Call	Research Infrastructure Council
3	Landscape analysis	Research Infrastructure Council / Scientific Councils.
4	Mapping	Research Infrastructure Council
5	Eligibility Check	Research Infrastructure Council
6	Science-driven Evaluation	Research Infrastructure Council's scientific advisory committees + Scientific Councils
7	Economic evaluation	Research Infrastructure Council
8	Evaluation of societal relevance	Universities and RPO/RFO and Research Infrastructure Council
9	Decision	Research Infrastructure Council. Sometimes in cooperation with Swedish government
10	Validation	Research Infrastructure Council

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"> Support from the Research Council will normally cover a maximum of half the cost of the infrastructure Upper limit for Swedish Research Council funding for national infrastructure is eight years 	<ul style="list-style-type: none"> Scientific relevance National interest Strategic considerations <p>(detailed information in 2.3 Annex Part 1)</p>	<ul style="list-style-type: none"> High-class infrastructure that is used by the best researchers in each area National interest and the financial stability of the infrastructure

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	x
Planning and design of RM		x
Inventory/landscape analysis	x	
Evaluation procedures	x	x
Strategic decision-making	x	



Timing of national and European RM		x
Life cycle management		x
RI funding instruments	x	
Monitoring and evaluation of RI	x	x
Prioritisation of RI	x	x

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

8. Timelines and Life-cycles: Publication and updates

After the publication of the 2014 roadmap - **Swedish Research Council's Guide to Infrastructures**: <https://publikationer.vr.se/produkt/the-swedish-research-councils-guide-to-research-infrastructures-2014/> [Last access: 08/2017] – Sweden started to implement a new model for financing RI. The implementation also included a new roadmap strategy.

In 2015 a broad inventory of RI needs was carried out. The inventory resulted in the identification of new RI within specific areas that were ready for a call in 2017. The inventory also identified RI needs that were scientifically motivated but not yet developed enough for a call. The results were published in 2016 as an appendix to the 2014 roadmap.

The inventory is currently repeated, starting in 2017 and finalized in 2018. At the same time the Swedish roadmap will be updated. This procedure means that:

- The inventory of RI needs will result in a biannual updated list of specific infrastructures that are scientifically motivated. The result will be published every second year as an appendix to the roadmap
- The roadmap itself will be updated every fourth year. The roadmap will be strategic, pointing out areas, but not specific RI, where new needs of RI is supposed to develop.

The procedure is supposed to, at least partly, decoupling the discussion of overarching scientific development and the general need for RI that this development drives from the identification of specific infrastructures and the financing process. Hence, the aim is to let the scientific needs to take the lead in the process.

The Swedish Research Council's Guide to Infrastructures (and its appendix) is part of the knowledge base compiled by the Swedish Research Council on which the Government can base its decisions regarding the upcoming Government Bill on Research Policy and its priorities within scientific councils and committees. It is also a useful reference tool for the research sector.

The National Roadmap will be updated in 2018.

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

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		
Regional budget	x		
ESIF managed at regional level			
Research funding agencies	x	x	x
Research Performing Organisations	x	x	x
European Investment Bank			
Horizon 2020	x	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"> • The Swedish Research Council, Infrastructure Council through Grants 2-8 year. • Universities, Research organisations through 50% minimum co-funding

12. RI Funding Sources
<ul style="list-style-type: none"> • National budget in most cases • European Structural and Investment Funds (ESIF) managed at national level, used in very little extent • Regional budget, most often of minor importance • Research Funding Agencies • Research Performance Organisation

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	-	-	-	-	-	-	-
Funding instrument	-	-	-	-	-	-	-
Responsible funders/funding bodies	-	-	-	-	-	-	-
Covered costs	-	-	-	-	-	-	-



Period of time covered (years)	-	-	-	Up to 8 years	-	-	-
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* Not answered.

13. Details on national funding mechanisms	
<ul style="list-style-type: none"> • In Sweden, funding decisions on RI are linked with the country's strategic priorities. • The road map will (2015 and onwards) be linked to a bi-annual inventory of RI needs and the inventory is basis for the infrastructure councils calls. • In Sweden the design of funding instruments is not made for their potential combination with others. • Sweden is not exploring new or additional instruments or mechanisms to fund 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)	7,980,0
	Programs with ERDF (€M)	1,899,9
EU amount	All Programs (€M)	3,647,2
	Programs with ERDF (€M)	945,0
Thematic objective 1 (Research & Innovation)	Total funds (€M)	356,7
	ERDF (€M)	261,1
Investment category - ERDF	058. Research infrastructure and innovation (public) (€M)	50,2*
	059. Research infrastructure and innovation (private and scientific parks) (€M)	6,1*

* 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: 08/2017]) 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: 08/2017].).

15. Changes of funding schemes of RI	
Sweden has recently changed the funding scheme of RI. The system is always under continuous development. New changes will be discussed during the upcoming fall. They will anyway not be major, only concerning adjustments of the current model.	

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

