



Denmark – 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://ufm.dk/en/publications/2016/files/danish-roadmap-for-research-infrastructures-2015-final.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
Ministry of Higher Education and Science	x	x	x		
Minister of Higher Education and Science	x	x	x		
The Danish Agency for Science and Higher Education (DAFSHE)	x		x	x	x
The Danish Agency for Science and Higher Education (DAFSHE)	x		x	x	x
National Committee on Research Infrastructures (NUFI)				x	x
Involved research institutions			x		
Private foundations and other stakeholders (regions, etc.)			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	The Danish Agency for Science and Higher Education (DAFSHE) after advice from the National Committee on Research Infrastructures (NUFI)
2	Invitation to submit proposals (since the Danish roadmap includes proposals, not applications, this step is not an actual call)	DAFSHE after advice from NUFI
3	Landscape analysis	
4	Mapping	
5	Eligibility Check	DAFSHE and NUFI
6	Science-driven Evaluation	DAFSHE and NUFI
7	Economic evaluation	DAFSHE and NUFI
8	Evaluation of societal relevance	DAFSHE and NUFI
9	Decision	The Minister of Higher Education and Science decides on the roadmap including the catalogue of proposals after advice from DAFSHE
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
<p>In the invitation to submit proposals, each proposal was requested to comply with the following specific criteria:</p> <ul style="list-style-type: none"> To be of national strategic interest and significance. To be permanent or long-term and be sufficiently mature. To be open. To be realisable with substantial co-funding from the research institutions. To be linked to international research infrastructures, if relevant. 	<ul style="list-style-type: none"> Scientific prospects Societal prospects Industrial prospects (detailed information in 2.3 Annex Part 1) 	<p>Proposals must be sufficiently mature (technically, scientifically, financially) to be realisable within a five years implementation/construction period.</p>

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	
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		
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

The first “Danish Roadmap for Research Infrastructures” was published in 2011. A new roadmap was published in 2015, thereby replacing the former one:

<http://ufm.dk/en/publications/2016/files/danish-roadmap-for-research-infrastructures-2015-final.pdf> [Last access: 08/2017].

The process for the 2015-roadmap was initiated in November 2014 when the former Danish Agency for Science, Technology and Innovation (DASTI) invited the research institutions' management to submit proposals. Information meetings were held in the following months. The deadline for submitting proposals was 30 April 2015. The evaluation process followed in the summer months and after this, the deliberation process in the Ministry followed in the fall months. The roadmap was launched in December 2015.

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

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
- A list of strategic priorities, which are foreseen for funding

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	In part
European Fund for Strategic Investments (EFSI)			
European Structural and Investment Funds (ESIF) managed at national level			
Regional budget			
ESIF managed at regional level			
Research funding agencies			



Research Organisations	Performing	x	x	x
European Investment Bank				
Horizon 2020		x		x
Others ¹		x	x	x

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

11. Responsible Organism(s) for RI Funding
<ul style="list-style-type: none"> Minister of Higher Education and Science which is responsible for allocations from the National Fund for Research Infrastructures (part of the Ministry's section of the National Budget) National Budget for Denmark's memberships of international convention-based RIs and other special national RI collaborations for annual allocations National research institutions (e.g. universities) that fund roadmap-proposals, at least approx. 50% of the funding for the construction/implementation is of their responsibility. They are also responsible for funding the operation of RI.

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

12. RI Funding Sources							
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 for European projects	1. National Budget; 2. National research institutions Private foundations and other stakeholders	1. National research institutions for roadmap projects; 2. National Budget (memberships of international convention-based RIs or other special national RI collaborations)	1. National research institutions for roadmap projects	1. National budget (if major upgrades of existing RIs); 2. National research institutions
Funding instrument	-	-	-	- One-time grants up to 5 years	-	-	-
Responsible funder/s/fund	-	-	-	- Minister for Higher Education and Science National	-National research institutions Private foundations	- National research institutions	-Minister for Higher Education and Science National research institutions

¹ Private foundations and other stakeholders.



ing bodies				research institutions Private foundations and other stakeholders ²	and other stakeholders		Private foundations and other stakeholders
Covered costs	-	-	-	- Personnel, investments in equipment, running costs, international memberships, etc.	-	-	-
Period of time covered (years)	-	-	-	- up to 5 years (prolongations can be approved)	-	-	-

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

13. National Operational Program Information		
Total amount (EU amount and National amount)	All Programs (€M)	2,252,2
	Programs with ERDF (€M)	399,2
EU amount	All Programs (€M)	1,540,4
	Programs with ERDF (€M)	206,6
Thematic objective 1 (Research & Innovation)	Total funds (€M)	104,1
	ERDF (€M)	87,6
Investment category - ERDF	058. Research infrastructure and innovation (public) (€M)	N/A
	059. Research infrastructure and innovation (private and scientific parks) (€M)	N/A

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]).

14. Details on national funding mechanisms
<ul style="list-style-type: none"> • There is a national strategy connected with RI funding in the form of the Danish Roadmap for Research Infrastructures 2015. • National Fund for RI within the National Budget is used primarily for proposals in the national RI roadmap. • Denmark is not exploring to have new funding instruments for RI in the future.

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

² For their share of the funding.



15. Changes of funding schemes of RI

Denmark does not plan any changes for the funding schemes of RI.

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



InRoad has been funded by the European Union's Horizon 2020 Research and Innovation programme under grant agreement No 730928.

