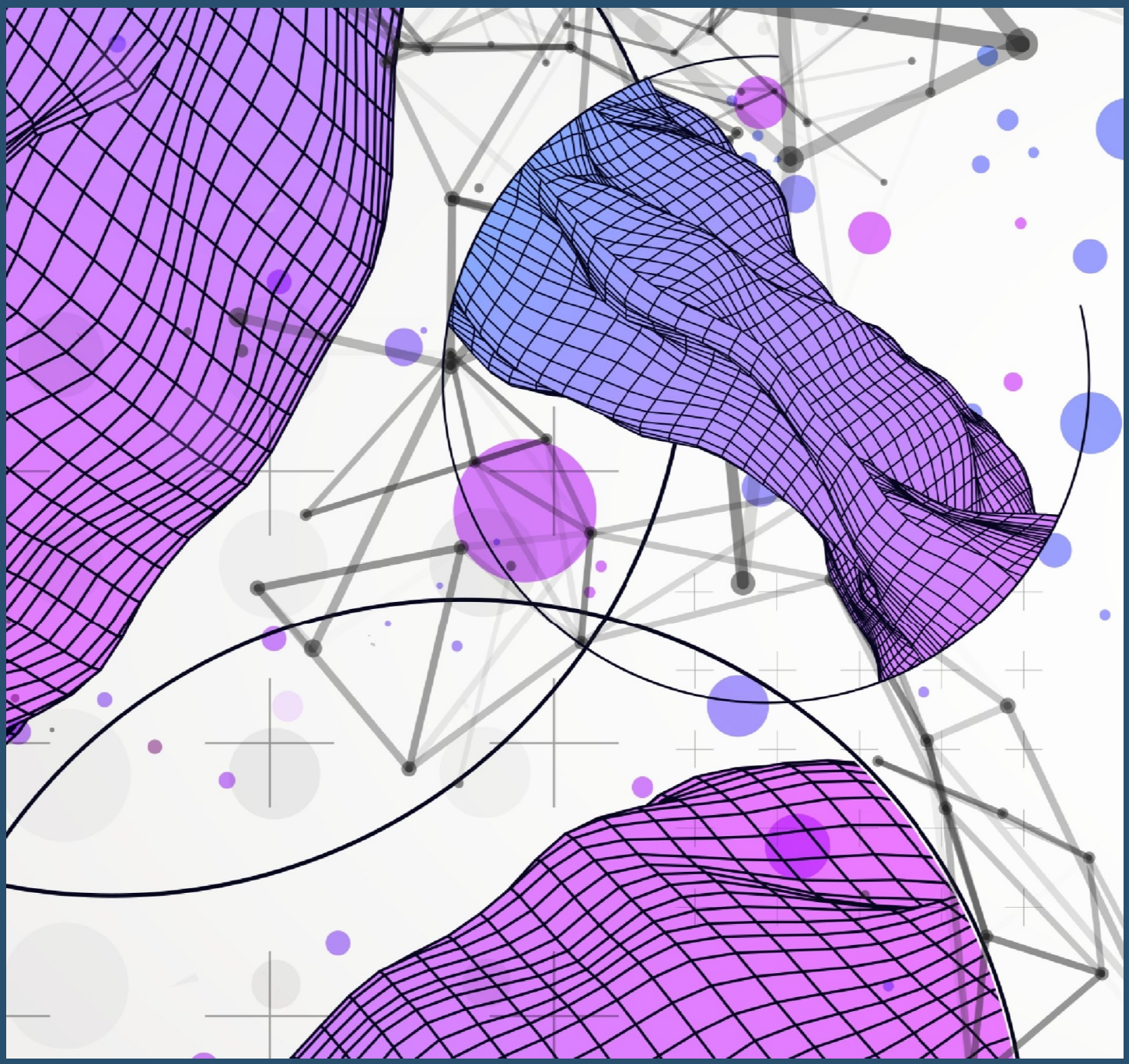
Call for Roadmap for Research Infrastructure 2025

Call for proposals

April 2024



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Content

1. Introduction and scope of the call

Introduction

In connection to the commencement of the compilation of the Danish Roadmap for Research Infrastructure, the Danish Agency for Higher Education and Science hereby invites Danish research institutions to submit their proposals for national research infrastructures. The purpose of the call is to identify the nationally and strategically most important proposals for research infrastructures embedded in broad institutional partnerships.

The new roadmap will present a catalogue of selected proposals for national research infrastructures and will serve as the foundation for funding decisions in the period 2025-2028.

The current Danish roadmap for research infrastructures published in 2020 contains 16 proposals for national research infrastructures and has been the basis for funding of all proposals in the period 2020-2024.

In the new roadmap the intention is to annually fund approx. 1-4 research infrastructures over a four-year period. The roadmap provides the opportunity to fund both large and costly national research infrastructures as well as smaller research infrastructures within e.g. social sciences and humanities.

The Minister for Higher Education and Science allocates the National Fund for Research Infrastructure (Pulje til Forskningsinfrastruktur) on annual appropriations in the National Budget. Since 2022, the yearly budget of the National Fund for Research Infrastructures has been approx. DKK 70-77 million. The new roadmap will be published in 2025 and the number of research infrastructure proposals on the roadmap are expected to be in the same range of proposals as on the previous two roadmaps, approx. 16-22.

Scope of the call

The roadmap will include proposals for the construction and establishment of new national research infrastructures and significant upgrades of existing national research infrastructures. Research infrastructure proposals for all types of research infrastructures (single-site, distributed and virtual), from basic to applied research within all scientific disciplines can be submitted.

The roadmap will present the proposals for research infrastructures using the following five scientific areas:

1. Humanities
2. Natural Sciences
3. Medical Sciences
4. Social Sciences
5. Technology and Production Sciences

This call encourages proposals for research infrastructures that support wider national strategic priorities and solutions to societal challenges. The call particularly encourages proposals that support the green transition, including the transformation of the economy into a low-emission society.

The proposed research infrastructures for the roadmap must have national added value defined as:

- The research infrastructures must have **widespread national interest**. This means that establishing the research infrastructures must be of interest to Denmark as a whole. It also entails that national strategic priorities may be taken into consideration.
- The research infrastructures must be **scientifically leading**.
- The research infrastructures must aim to **include all relevant and interested Danish national institutions in the partnerships** of the research infrastructures.
- The research infrastructures must be **accessible to all interested researchers and other relevant users regardless of their institutional affiliation** when established. This includes access to the physical and virtual research infrastructure laboratories, instruments, and equipment as well as access to data provided from the research infrastructures, depending of the type and purpose of the specific research infrastructures.

Research infrastructures that are of institutional interest but not widespread national interest does not fall within the scope of this call.

The proposals must be for research infrastructures feasible to be constructed and established within a five-year period from the time of funding, in the case they are funded in the period 2025-2028. Only in exceptional cases, where it is not possible to be part of larger international research infrastructures with only a five-year time frame, a ten-year period of funding may be considered. All research infrastructures must be either permanent or have a prolonged presence.

As a general rule, the research infrastructures should solely be available in one or a few locations in Denmark. However, this does not preclude distributed research infrastructures if there are well-founded scientific reasons for their distribution across more locations. Distributed infrastructures should, nonetheless, have a single point-of-entry for users.

Chapter 3 of this call describes the specific requirements and expectations for the research infrastructure proposals.

2. Eligibility

Proposals must be submitted by broad institutional partnerships that include all Danish national institutions relevant and interested in each proposed research infrastructures. Proposals must be submitted by a main proposer. Proposals must be submitted by the senior management of the main proposer (dean or similar).

If the main proposer is not a university, at least two universities must be co-proposers. This is in order to ensure the contribution of the research infrastructure to research-based education.

All main proposers and co-proposers must submit letters of commitment signed by their senior management (dean or similar) with the proposals. See chapter 3 for the specifications for the commitment letters.

Eligible main proposers:

- Danish universities
- Danish higher education institutions within the fine arts
- Danish sector research institutes
- Danish public research institutions including those within the organisation of Danish ministries, including Danish museums, archives and libraries
- Danish university hospitals

Eligible co-proposers:

- The main proposers as listed above
- Danish government institutions
- Government approved research and technology organizations (GTS institutes)
- Danish hospitals
- University colleges
- Business Academies

In addition to the main proposer and co-proposers, other interested parties may be listed in the proposal template. These can include the institutions listed above as well as other parties, e.g. private companies, organisations and foundations, and public or private research institutions not based in Denmark.

3. Content of proposals and guide to the proposal template

All proposals are encouraged to contain the following parts:

A. Completed proposal template.
B. Required annexes:
   - B.1. Completed budget template
   - B.2. Signed commitment letters (template available) from the main proposer and all co-proposers
   - B.3. CVs for the scientific leader and other key persons
   - B.4. Declaration from Danish e-infrastructure Collaboration (DeiC) regarding high performance computing and data storage needs (if there are needs for computing and storage)

It is recommended to include annexes B.1.-B.4 in the proposal.

The templates for part A and annex B.1. and B.2. can be downloaded at the UFM Roadmap 2025 website.

Proposals must be written in English. However, the short description of the proposal must be provided in both English and Danish. This short description will be reproduced in the published roadmap should the proposal be accepted.

Ad A: Proposal template

It is recommended that proposals are completed using the proposal template with all fields completed.

The final completed proposal template should not exceed 20 pages.

Proposals for Danish research infrastructures intended as a part of an international research infrastructure, e.g. as a Danish node to a European Strategy Forum on Research Infrastructures (ESFRI) or a Danish node to a European Research Infrastructure Consortium (ERIC), should also complete section 3. For these proposals, section 1 and 2 should be completed specifically for the Danish part of the research infrastructure, i.e. the expected Danish users, the Danish institutional partnership and organisation, the timeline for the Danish part, etc. An account of the international or European dimension will be covered by section 3.

1. Description of the research infrastructure

1.1 Purpose and context

In this section the proposal must demonstrate that the research infrastructure has widespread national interest (as defined under national added value in the scope of this call).

This section should include a description of:

- The context, national relevance, and field of the research infrastructure, including how the research infrastructure is of national importance and thus merits national commitment and funding, how the research infrastructure fits in the current landscape of existing national and international research infrastructures and which relevant research areas that are expected to benefit from the research infrastructure.
- The purpose of the research infrastructure, including which high quality scientific physical or virtual laboratories, instruments and/or equipment and/or data and associated services that the research infrastructure will provide and how these will benefit the Danish research community and other relevant users.

1.2 Scientific quality and impact

In this section the proposal must describe the scientific quality, impact, and importance of the research infrastructure for the relevant Danish scientific communities. It should demonstrate how the research infrastructure is expected to be a state-of-the-art research infrastructure, and how it will position Denmark internationally. The aim is to demonstrate how the research infrastructure:

- Is expected to facilitate high scientific impact.
- Will support the execution of excellent and/or ground-breaking science.
- Is of great scientific importance and will benefit all relevant and interested Danish researchers and research-based education.

This section should include a description of:

- The scientific quality of the research infrastructure and how it is expected to position Denmark internationally in the relevant research areas.
- The research infrastructure's expected contribution to the advancement of Danish research, including the anticipated research impact, e.g. measured by an expected increase in number of citations or publications within high ranking journals by the research infrastructure's users.
- The potential scientific users of the research infrastructure. This should include the expected number of scientific users when the research infrastructure is established and the users' distribution across disciplines and institutions as well as the number of top scientists expected to be users of the research infrastructure.
- The research infrastructure's expected contribution to research based education and, if relevant, the number of expected student users.
- Expected impact from the collaboration with industry and public institutions.

1.3 Socio-economic impact

In this section, the proposal must describe the expected socio-economic impact of the research infrastructure. The aim is to demonstrate how the research infrastructure will have an important impact on Danish society as a whole, e.g. addressing societal and environmental challenges, innovation and economic growth, or informing public policy decisions, etc.

This section should include a description of one or more of the following, as relevant to the specific research infrastructure:

- The expected contribution in terms of addressing societal challenges.
- The expected impact on innovation and/or economic growth, e.g. by development of new technologies or patents with a commercial use, by industrial users of the research infrastructure or expected collaborative projects with industry, etc. If relevant, the expected number of industrial users should be included.
- The anticipated scientific support to public policy-making and cultural development.

1.4 Access model and data management

In this section, the proposal must describe the access model for the research infrastructure, including how different types of users may gain access to the research infrastructure's physical or virtual laboratories, instruments and/or equipment as well as data provided from the research infrastructure and/or associated services. Please note that the EU State aid rules may apply[i].

The proposal must also describe the data management of the research infrastructure. The aim is to demonstrate that the research infrastructure is accessible by all relevant and interested researchers regardless of their institutional affiliation as well as by other relevant users such as student and/or industrial users, and that data generated and accumulated at the research infrastructure follow the FAIR principles (Findable, Accessible, Interoperable and Reusable)[ii]. As stated in the first chapter, national accessibility to the research infrastructure and its data is an integral part how national added value to a research infrastructure is assessed.

This section should include a description of:

- The location(s) and host institution(s) of the research infrastructure and the deliverables for the users, e.g. services and physical and/or virtual laboratories, instruments and/or equipment as well as data.
- The access model of the research infrastructure, including how scientific and other relevant users can access services, laboratories, instruments, equipment, data, etc. The access model must be based on fair and transparent principles (e.g. peer review, open booking system, online database etc). User fees may be applied to cover part of the operation of the research infrastructure, including its physical and/or online facilities and data generated and accumulated at the research infrastructure. User fees shall correspond to a market price (UFM Roadmap 2025 website on state aid rules). Distributed research infrastructures must have a single entry for access. If the research infrastructure and/or generated and

accumulated data from the research infrastructure is not accessible to all interested users this must be thoroughly explained.
- Whether the research infrastructure has the potential to be subject to the Danish rules on export control (eksportkontrolreglerne) and/or the Danish Investment Screening Act (investeringsscreeningsloven). If this is the case, an elaboration of the exposure to the rules as well as a description of the access control, security measures etc. must be included[1].
- The data management plan of the research infrastructure and how this adheres to the FAIR principles whereby data should to the largest possible degree be Findable, Accessible, Interoperable and Reusable.

2 Establishment and organisation of the research infrastructure

2.1 Organisation and management

In this section, the proposal must describe how the research infrastructure and the institutions involved in the research infrastructure will be organised and how the research infrastructure will be managed. The aim is to demonstrate that the research infrastructure is embedded in a strong yet open national institutional partnership with a well-defined organisation and capable management and that the construction and establishment of the research infrastructure is feasible within five years.

This section should include a description of:

- All involved parties in the partnership, including both the participating research institutions and other interested parties (including research and technology organizations and private companies, if relevant) that will be involved in the establishment and operation of the research infrastructure with legal and/or economic responsibilities. Please note that the EU State aid rules may apply, please see UFM Roadmap 2025 website on state aid rules. All relevant and interested national partners should be included in the partnership and the description should include how future interested national institutions not yet involved in the research infrastructure partnership can become involved.
- The planned organisation of the research infrastructure during establishment and operation. An organisation chart should be included, which should outline the expected structure of the decision bodies (e.g. steering committee or board), advisory bodies (e.g. scientific, industrial or other advisory committees), daily management (e.g. scientific leader or facility manager) and other relevant bodies (e.g. user committee). A description of the different organisational bodies and how they relate to one another including division of labour and in the decision-making processes should also be included.
- The number of employees (both full and/or part time) expected to work at the research infrastructure during its establishment and operation. This could include scientific, technical and administrative personnel and should, if possible, be stated as full-time equivalents for the total annual time the employees are expected to work at the research infrastructure.
- Any other initiatives planned for the research infrastructure to address responsibility towards society such as climate and environmental concern (e.g. energy consumption and waste management), diversity, ethics or other relevant issues

[1] Further information is available at: https://eksportkontrol.erhvervsstyrelsen.dk/english

for the specific research infrastructure. This includes how to minimise the carbon foot print of the research infrastructure.

2.2 Time schedule for the establishment

In this section, the proposal must describe the time schedule for the research infrastructure's establishment. The aim is to demonstrate that the research infrastructure can be both scientifically and technically operational within five years after being funded.

This section should include a description of:

- The time schedule for establishing the research infrastructure within a maximum of five years (in exceptional cases 10 years), including the planned start date for the establishment and operation and important milestones for the establishment. This includes the deliverables by the host and other participating institutions in the partnership.
- An account of the most important risks that could potentially occur during the establishment period related to, for instance, technical challenges or construction of buildings.

2.3 Digital infrastructure

In this section the proposal must describe the digital research infrastructure the research infrastructure will need in order to operate. This could include digital infrastructure for computing and/or storing data. The aim is to demonstrate that the proposers of the research infrastructure have carefully considered its needs in terms of digital infrastructure.

National access to computing and storage can be provided via the Danish e-infrastructure Consortium (DeiC) or can be covered by the institutional capacity within the partnership.

The Danish universities and The Danish Agency for Higher Education and Science collaborates on digital research infrastructure at national level through DeiC, and therefore as a general rule, proposers cannot include new investments in high performance computing (HPC) and data storage in the budget.

If however the current infrastructure provided through DeiC cannot provide the needed capacity for computing and storage, the proposer can exceptionally include new investments in high performance computing (HPC) and data storage in the budget (either applied for or as co-funding). This requires a letter from the Director of DeiC stating that the needs fall outside DeiC's technical capacity. Requests for such a letter with the draft proposal enclosed should be sent to DeiC at sekretariat@deic.dk no later than 20 September 2024.

This section should include a description of:

- The research infrastructure's need for computing and data storage resources, including an account of how already existing national and/or institutional computing and/or data storage facilities can cover the needs (coordinated with DeiC) or

whether new national digital research infrastructure facilities are deemed necessary (only in exceptional circumstances where the needs cannot be covered by the institutions or DeiC).

3 Danish part of an international research infrastructure

This section should only be completed if the proposed research infrastructure is intended to be affiliated as part of an international research infrastructure, e.g. as a Danish node to an ESFRI or ERIC research infrastructure[iii].

In this section, the proposal must describe the plan for the national research infrastructure to become affiliated to the international research infrastructure, and the development of the international research infrastructure if this is not yet fully established. The aim is to demonstrate that it is feasible that the national research infrastructure will be affiliated with the international research infrastructure.

This should include a description of:

- The Danish contribution and involvement in the international research infrastructure cooperation.
- The expected contribution of the Danish part to the international research infrastructure (e.g. ESFRI or ERIC) as a whole and how Danish users are expected to benefit from Denmark being part of the international research infrastructure.
- The plan, timeline and prerequisites for Danish participation in the international research infrastructure, including e.g. membership fees.

Ad B: Annexes

It is recommended that the proposal provide the following annexes:

B.1. Completed budget template.
B.2. Signed commitment letters (using the mandatory template) from the main proposer and all co-proposers.
B.3. CVs for the scientific leader and other key persons
B.4. If applicable a declaration from DeiC regarding high performance computing (HPC) and data storage needs).

For annexes B.1. and B.2. it is recommended to use the available templates.

Annex B.1. Budget

It is recommended that all parts of the budget template are completed in the proposal.

The template should include:

- Part 1: An overall budget for the research infrastructure, including construction and establishment.
- Part 2: A more detailed budget for the construction and establishing of the research infrastructure:
  - 2.1.: A budget for the construction and establishing of the research infrastructure split into funding sources (e.g. public funding and co-funding from the partners involved in the research infrastructure).

- 2.2.: A budget for the construction and establishing of the research infrastructure split into funding from the different partners involved in the research infrastructure (main proposer, co-proposers etc.)
- 2.3.: A detailed description of the budget items listed in part 2.1 and 2.2.

Part 1: Overall budget

In part 1 the proposal must include an overall indicative budget for the research infrastructure. This should include:

- The construction and establishing period, which may be funded by the ministry with up to 50 pct. and must be funded with a minimum of 50 pct. from the institutions in the partnership for the research infrastructure.
- Where a research infrastructure pursues both economic and non-economic activities, the financing, costs and revenues of each type of activity shall be accounted for separately. In the case of the exertion of an economic activity, such activities will have to be funded with at least 50 pct. from private enterprises according to EU State aid regulations.
- The operation period where the costs must be covered 100 pct. by the applicant and co-proposers (user fees can contribute to operation costs).

Part 2: Detailed budget for the construction and establishing

Funding is only available for expenses related to the construction and establishment of the research infrastructure. Running costs, travel and other expenses, cannot be funded through this call

Funding of the establishment should be split into funding from the ministry and from the proposers and co-proposers.

- Funding from the ministry must be maximum 50 pct. of the total budget for the construction and establishment of the research infrastructure for a period of maximum 5 years.
- Funding from the proposers and co-proposers must be at least 50 pct. of budget for the construction and establishment of the research infrastructure for a period of maximum 5 years and minimum for the period corresponding to that of the ministry's funding.

The proposers are advised to make sure that proposals are in line with the cap set for investments by state-funded/supported, self-governing institutions that was introduced with the Budget Act 2018[iv].

Eligible costs for construction and establishing must be directly related to – and necessary for – the construction/establishment of the research infrastructure. All costs must fall within the construction and establishing period. Examples of eligible costs include:

- Salary for scientific personnel: coordination, establishment, calibration, commissioning, development of services et. al. of the research infrastructure.
- Salary for technical and/or administrative personnel: non-scientific support for the coordination, establishment, calibration, commissioning, development of services et. al. of the research infrastructure.
- Capital investments: purchase, acquisition and/or construction of equipment, instruments and materials. This also includes services and instruments etc. required via sub-suppliers.

- Other expenses necessary for construction/establishment: E.g., water, electricity or other supplies, travel costs, etc.

In part 2.3 of the budget, the proposer must include a detailed description and explanation of the budget items that are included in part 2.1 and 2.2 and specify who will fund different items. If salaries are included in the budget, it must be explained how the salaries relate to the establishing/construction of the research infrastructure.

Specifically, if the proposal is for a Danish research infrastructure that is to become part of an international research infrastructure, the budget should be completed only for the Danish part of the research infrastructure.

The following costs (non-exhaustive) are not eligible and must not be included in the budget:

- Costs related to operations and decommissioning
- Scientific/academic salaries for research incl. grants for PhD- and postdoctoral students
- Regular housing and rental costs
- Overhead/administration expenses
- Costs that incur either before or after the expected project period of a grant

Annex B.2. Commitment letters

The main proposer and all co-proposers must, as a minimum, provide letters of commitment containing from their affiliated institutions.

The letters of commitment for a given proposal must commit in total to co-finance at least 50 pct. of the construction/establishment of the research infrastructure and 100 pct. of the operation of the research infrastructure for a period of at least an additional five years from finished construction/establishment.

It is recommended that the letters are completed in the available template (see UFM Roadmap 2025 website) and signed by senior management of the institutions (Dean or similar).

Annex B.3. CVs

CVs (maximum five pages) of the research leader and of other key persons for the research infrastructure must be provided.

Annex B.4 Declaration from DeiC

If needs for (HPC) computing and data storage are included in the proposal, a declaration from the Director of DeiC stating that the needs in the proposal fall outside the technical capacity of DeiC must be submitted as annex B.4 to the proposal (see chapter 2.3).

4. Evaluation criteria

Proposals will be evaluated on the basis of the four criteria described below. These criteria correspond to the scope of the call detailed in chapter 1 and the content of the proposal template described in chapter 3.

Scientific quality and impact

To what degree the proposed research infrastructure:

- Is a scientifically leading research infrastructure.
- Positions Denmark internationally.
- Facilitates high scientific impact and will support the execution of excellent and ground-breaking science.
- Is of great scientific importance and expected to benefit all relevant and interested Danish researchers.
- Benefits research based education.
- Benefits research based collaboration with industry and public organisations.

National added value

To what degree the proposed research infrastructure:

- Has widespread national interest but is not unduly distributed as described in the scope of this call.
- Is of high national importance and thus merits national commitment and funding.
- Is accessible for all relevant and interested researchers regardless of their institutional affiliation as well as to other relevant users through a single point-of-entry.
- Data generated and accumulated at the research infrastructure follows the FAIR principles.
- Involves all relevant and interested national institutions and other parties in the research infrastructure partnership.

Socio-economic impact

To what degree the proposed research infrastructure:

- Is expected to have an impact on society by addressing societal and environmental challenges, by contributing to innovation and economic growth, or by contributing to informing public policy-makers.

Feasibility

To what degree the proposed research infrastructure:

- Is embedded in a strong yet open national institutional partnership with a strong institutional commitment, a well-defined organisation and a capable management.
- Can be constructed and established scientifically, technically, and financially within five years after being funded (pending acceptance on to the new roadmap 2025-2028) and will become a permanent or long-term research infrastructure.
- Will have access to sufficient digital research infrastructure capacity to match its needs (if applicable).
- Realistically can become part of the suggested international research infrastructure (only relevant if the proposed research infrastructure is a Danish part of an international research infrastructure).

The Danish Agency for Higher Education and Science, NUFI and the Danish Minister for Higher Education and Science may also apply horizontal considerations on proposals that have been positively evaluated across the above-mentioned evaluation criteria. This could include the number of proposals in the roadmap and the balance between scientific areas (as listed in the first chapter) and, for the Danish Agency for Higher Education and Science and the Minister, also national strategic initiatives may be taken into consideration such as prioritising research infrastructures that support the green transition in society.

5. Process

Introductory workshop for Roadmap 2025

An introductory workshop is scheduled for 31 May 2024. We welcome all interested parties to participate. The workshop will be held at University of Southern Denmark (SDU). Please find the invitation for the workshop for further details and to sign-up for participation at UFM Roadmap 2025 website.

Submission of proposals

It is recommended to submit proposals via E-grant. Link and guide to E-grant can be found at UFM Roadmap 2025 website. The acronym of the research infrastructure should be in the file name.

The deadline for submitting proposals is 31 October 2024 at 12.00 pm[v].

It is up to the proposers to ensure that all relevant partners are included in the proposals and thereby minimise the risk for competing proposals.

Proposals will be processed and evaluated in the following steps:

Step		Time period
1.	Deadline for submitting proposals	31 October 2024
2.	International peer review	November 2024 - March 2025
3.	Evaluation by NUFI	April - June 2025
4.	Decision by the Danish Minister for Higher Education and Science	October 2025

International peer review

All proposals will be submitted to an international peer review as part of the evaluation process. After the international peer review, Danish Agency for Higher Education and Science will conduct a hearing of the main proposer about the written outcome of the review.

When the proposals are sent to external review, it is emphasised that the proposal material is confidential and that the proposer will be made aware of the review as well as the reviewer's identity, and that the proposer will be offered the right to comment on the external review. This is done to ensure that the external review process complies

with the administrative rules ("forvaltningsregler") that apply to the Danish Agency for Higher Education and Science.

Evaluation by NUFI

Following the international peer review, the proposal – along with the written outcome of an international review and the result of the hearing of the main proposer – will be submitted for evaluation by the National Committee for Research Infrastructure (NUFI)[vi].

NUFI will evaluate the proposals according to the evaluation criteria listed in chapter 4. NUFI will also perform a cross-cutting evaluation among all the proposals to consider the balance between different scientific areas and the number of proposals.

After the evaluation by NUFI, The Danish Agency for Higher Education and Science will conduct a hearing of the main proposer about the written outcome of the NUFI evaluation.

Evaluation by The Danish Agency for Higher Education and Science and decision by the Danish Minister for Higher Education and Science

Based on the international peer review and the evaluation by NUFI plus the results of the two hearings of the main proposers, The Danish Agency for Higher Education and Science will perform a horizontal evaluation of all the proposals.

The Danish Agency for Higher Education and Science will subsequently advice the Danish Minister for Higher Education and Science on which proposals to include in the roadmap. The Minister of Higher Education and Science makes the final decision regarding which proposals to include.

The final roadmap is expected to be published in 2025. Before publication of the roadmap, The Danish Agency for Higher Education and Science will inform the main proposers about whether or not their proposal(s) are included in the roadmap. If the proposal is not included, this will encompass a short explanation for the reasons it has not been included.

After the publication of the roadmap: Allocations for proposals in the roadmap

The Minister for Higher Education and Science allocates the National Fund for Research Infrastructure (Pulje til Forskningsinfrastruktur) on annual appropriations in the National Budget. The expectation is that the roadmap will serve as a priority-setting tool for decisions on funding allocations from 2025 until 2028. 1-4 proposals will expectedly be funded annually.

Tentative process for allocation of funding:

1. Every year, starting in 2026 (2025 excluded, as proposals are expected to be sufficiently up-to-date this year), The Danish Agency for Higher Education and Science will request the main proposers of the remaining unfunded proposals in the roadmap, to submit a short description of the status of the proposals. The status can include any expected changes regarding e.g. the institutions involved in the proposal, the budget or the timeline for construction. It can also include any developments (scientific, technical, societal, etc.) that are relevant to consider regarding the timing of funding.
2. Every year, based on the status description and advice from NUFI and The Danish Agency for Higher Education and Science, the minister selects a number of proposals from the roadmap prioritised for funding that year. The number of proposals selected per year is dependent on the available funding in that particular year.
3. Following the minister's decision, The Danish Agency for Higher Education and Science initiates a dialogue with the main proposer of the selected proposals for the purpose of funding. During the dialogue process, The Danish Agency for Higher Education and Science will likely request new materials such as updated and detailed budgets, timetables, descriptions of the proposals, etc., from the proposers.
4. When the dialogue process with the selected proposals has been successfully completed, the final decision on funding will be made by the minister, and it will be publicly announced which proposals receive funding in the year of question.

Proposals in the roadmap are not guaranteed funding. The evaluation criteria for funding are the same as the criteria for inclusion in the roadmap.

6. Contact information

Questions regarding the call for proposals may be addressed to the following e-mail address: roadmap2025@ufm.dk or:

- Bjarke Stoltze Kaspersen, bsk@ufm.dk, +45 72 31 87 25
- Line Bekker Poulsen, lbp@ufm.dk, +45 72 31 80 74
- Mads Rugaard Christensen, mrc@ufm.dk, +45 72 31 87 13

7. Notes for additional information

[i] **State aid rules**

In the establishment and use of research infrastructures the EU State aid regulations such as the Communication from the Commission on the Framework for State aid for research and development and innovation shall be taken into consideration. For more information, please see UFM Roadmap 2025 website on state aid rules.

[ii] **FAIR data principles**

For more information about the FAIR data principles, please see go-fair.org/fair-principles.

[iii] **The European Roadmap and ERIC memberships**

ESFRI expects that it will be possible to submit proposals for an update of the ESFRI roadmap in 2025. Danish consortia from the national Danish roadmap interested in European collaboration are encouraged to monitor the ESFRI roadmap process.

ERIC (European Research Infrastructure Consortium) is a legal framework established under EU law to facilitate the operation and coordination of research infrastructures across European borders. Proposals included in the Danish roadmap can apply to become a part of an ERIC of it is assessed that the proposal can contribute to European collaboration.

More information on Danish participation in proposals for ESFRI or ERIC projects can be found on the Danish Agency for Higher Education and Science website. See UFM website.

[iv] **Cap for investments**

The investment in new assets as a part of the establishment of research infrastructures falls within the cap set for investments by state-funded/supported, self-governing institutions that was introduced with the Budget Act 2018. This implies that the proposers and co-proposers should include the investments in assets in the biannual reporting to the Danish Agency for Institutions and Educational Grants, cf. also UFM website (only available in Danish).

[v] **Processing of your Personal Data**

Your proposal and the personal data that you provide as part of the proposal will be processed according to the General Data Protection Regulation and the Danish Act on Data Protection.

[vi] **NUFI**

The National Committee for Research Infrastructure – NUFI is composed of representatives from the Danish universities and the Danish Council for Independent Research, with the Danish National Research Foundation as an observer. For more information about the composition of NUFI, please read more at UFM website.