## Pre-project description template for research infrastructure of national importance

**The project description template consists of**

**A:** an overview of the chapters and sections to be used as structure in the project description

**B:** content guidance for each chapter and section

### Chapters and sections to be used in the project description

### National importance and relevance to the call

### Excellence

#### Contribution to research and innovation

#### Quality and uniqueness of the research infrastructure

### Impact

#### Potential impact

#### Measures for communication and utilisation

### Implementation

#### Project partners, management and organisation

#### Workplan and deliverables

#### Risk and mitigation measures

### Guidance

**Please note:**

Complete all chapters and sections in the template, following the order of content as given in part A, and delete the guidance boxes. The template is designed to address a selection of the evaluation criteria. The applicant is nevertheless strongly advised to read the evaluation criteria carefully, both for the expert evaluation and the strategic administrative evaluation.

The proposed pre-project should be presented clearly using a language that is understandable also to individuals with a general scientific understanding of the field.

The project description is not to exceed 5 pages, including the list of references. The page format must be A4 with 2 cm margins, single spacing and Arial, Calibri, Times New Roman or similar 11-point font. It is permitted to use 9-point font for the list of references and figure captions. Links listed in the project description will not be included in the assessment.

**Reference to mandatory outline submitted 21 June 2023**

This proposal is based on the outline(s) no: (you will find the project number of each of the out-lines on our [webpage](https://www.forskningsradet.no/arrangementer/2023/informasjonsmote-om-infrastruktur-utlysinga/))

### National importance and relevance to the call

This chapter should describe national importance of the proposed research infrastructure and how the infrastructure is relevant for the call.

* Describe the relevance to existing national agendas and strategies and specify how the planned infrastructure relates to the government's long-term plan for research and higher education.
* Name sub-areas in the Norwegian Roadmap for Research Infrastructure for which the planned research infrastructure is relevant.

### Excellence

This chapter should provide a description of the planned research infrastructure to enable an assessment of its state of the art and novelty.

* 1. **Contribution to research and innovation**
* State the overall project objectives and aims, and contribution to excellence in science, knowledge needs and innovation. Describe the research challenges the new research infrastructure will be able to address.
* Describe how the research infrastructure will contribute and provide services that respond to the needs of relevant research communities and/or research areas.
  1. **Quality and uniqueness of the research infrastructure**
* Describe the landscape of infrastructures the planned infrastructure will operate in and how it will integrate into the existing national and international research infrastructure landscape. Justify the initiation of the project in relation to the current gaps in the infrastructure landscape to be covered.
* Give a brief description of the planned research infrastructure (physical, technological, e-infrastructure etc.) and highlight any particularly novel, original or ambitious aspects of the project (“state-of-the-art”).
* If the proposal includes development of new storage solutions and/or services for managing data and making data accessible (also referred to as “data infrastructure”), describe how these solutions are to be integrated with existing national/international e-infrastructures.
* If relevant, give a brief description of needs and requirements for e-infrastructure, such as resources for data storage, computing and networking, tools for data management, access, security, collaboration, and other types of electronic services.
* If there are ethical issues to consider, describe how these will be dealt with.
* If relevant, describe how potentially undesirable effects from carrying out the project, on human and animal health, climate and the environment and society at large, can be avoided.

**Excellence -** **please note:**

The ethical guidelines of the Research Council may be used when preparing the grant application:

<https://www.forskningsradet.no/forskningspolitisk-radgivning/forskningsetiske-krav/> (Norwegian)

<https://www.forskningsradet.no/en/Adviser-research-policy/Ethical-standards-in-research/> (English)

### Impact

This chapter should describe the importance of anticipated or potential short- and longer-term impacts of the planned research infrastructure in terms of science, society and/or industry. The chapter should also highlight the planned measures for utilisation, communication, and dissemination of the research infrastructure for relevant user groups.

**3.1 Potential impact of the proposed research infrastructure**

* Building on the description in chapter 2, describe clearly why and how the research infrastructure will have impact on the following areas:
* Science i.e. excellence in research, recruitment to science, internationalisation of Norwegian science.
* Society i.e. contribution to societal challenges and UN Sustainable Development Goals
* Innovation and industry i.e. value creation and national competitiveness.

**3.2 Measures for communication and utilisation**

Briefly describe the plans for:

* how information about the research infrastructure related services will be disseminated.
* how access to the research infrastructure will be given for external user

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**Impact - please note:**

The description of the potential impact should be specific for the planned research infrastructure. Describe impact in the context of the call proposals. General elaborations on the benefits of the research infrastructure in a wider context should be avoided.

The 17 UN sustainable development goals (SDGs) provide a global roadmap for a better future for all ([Link](https://www.un.org/sustainabledevelopment/)).If relevant for your project, describe how the outputs generated in this project can contribute to solving challenges and/or shed light on important issues related to one or more of the UN SDGs.

### Implementation

The pre-project must be realistic and feasible – professionally, organisationally and in relation to resource use. Add any additional information that can document the project's implementation capacity.

#### 4.1 Project partners, management, and organisation

Give a brief description of:

* the consortium for the planned infrastructure as a whole
* how the research infrastructure fits into the host institutions’ long-term planning and research strategy and infrastructure sustainability strategy.
* the expertise and experience of the project manager and key participants in the pre-project.

**4.2 Workplan and deliverables**

Describe the workplan and timing of activities of the pre-project.

**4.3 Risk and mitigation measures**

Provide an assessment of the risks associated with the pre-project - both the risk that the project will not be carried out as planned and the risk that the project will not achieve its objectives.