***[This template is for applications submitted in 2022. Earlier versions of the template must not be used. The headings in this template must be followed, and the template must not be altered. This text and text in italics marked with "****[.....]****" under the individual headings is intended as a guide for preparing the best possible application. The project description must not exceed 5 pages. Only the e-application and this project description will be used for assessing the application, together with mandatory attachments in the call. We therefore encourage not submitting other attachments –as they will not be read in any case.]***

**Title**

*[Use the same title as in the online application form. The title is repeated in various overviews and is the first thing everyone reads about the project. The title should be short and describe what the project is about.]*

1. **Introduction and background**

*[Briefly describe the need/challenge in the business/undertaking that the project will address and how the project can help solve the need/challenge – here you will bring the reader into the problem -details come later in the document*

* *What is new and innovative about the solution that is to be developed?*
* *What can the results mean for your activity/industry/region in terms of value creation, competitiveness and knowledge building etc.?*
* *Why is research and/or development necessary to realise the innovation?*
* *What knowledge needs are not covered by existing research or other available information?*
* *What need for knowledge does the business/undertaking have beyond the knowledge base that currently exists?*
* *What will the qualification project clarify and how will this contribute to the foundation for a possible main project?*

# Objectives for the qualification project

*[The qualification projects shall be innovation projects, which must lay the foundations for a main project. The qualification project can be used to:*

* *clarify whether the innovation project in the main project phase contains research challenges or whether the main emphasis is on development work:*
	+ *define research challenges further for a main project*
	+ *define development needs further for a main project*
* *establish collaboration with relevant knowledge providers and other collaboration partners who can contribute to the main project]*

**Primary and secondary objectives**

[The objective shall clearly describe what will be achieved with this qualification project. Objectives are not activities, but expected results of the activities.

The project objectives must be verifiable.]

Structure the objectives paragraph as follows:

***Primary objectives in box or bold italics.***

* SG1 (Secondary objective 1)
* SG2 (Secondary objective 2)
* SG3 (Secondary objective 3)
* etc.

**Research and development challenges, questions and methods**

[*The project is broken down into work packages where each secondary objective is accompanied by specific research and/or development challenges and questions each with proposal for solution/ research methods.*

*The research questions or development challenges are the questions that need to be addressed in order to achieve the respective secondary objectives.*

*The research methods develop the knowledge that will enable answering the research questions.*

*Justify the choice of research method. Refer to research methods and experimental facilities so that the reader understands what it is about.*]

For example, the work packages can be set up as follows:

**Work Package 1 (Wp1) Work Package 2 (Wp2) Work Package 3 (Wp3)**

Secondary objectives 1 (SG1) Secondary objectives 2 (SG2) Secondary objectives 3 (SG3)

- R&D questions 1.1 (R1.1) - R&D questions 2.1 (R2.1) - R&D questions 3.1 (R3.1)

- Method 1.1 (M 1.1) - Method (M 2.1) - Method (M 3.1)

- R&D questions 1.2 (R1.2) - R&D questions 2.2 (R2.2) - R&D questions 3.2 (R3.2)

- Method 1.2 (M1.2) - Method (M2.2) - Method (M 3.2)

- R&D questions (R2.3)

- Method (M 2.3)

**Potential for Innovation**

*[How new and original is that which is to be developed in the project in relation to the knowledge front, and for providing new or improved goods, services, production methods, organisation, savings, increased quality, increased efficiency, increased value creation, higher earnings etc.?*

*How will the project results be applied, and who will apply the results?]*

**Research ethics**

*[Justify the project's possible ethical consequences. see* [*https://www.forskningsetikk.no/en/*](https://www.forskningsetikk.no/en/)]

# Project organisation

**Project manager and project team**

*[Which roles do the project partners have in the implementation of the R&D activities? Who is responsible for the different work package? What knowledge/expertise do the partners contribu te with and do they have the right and relevant expertise? For the public sector: How are the users and their needs taken care of in the project?]*

**Budgets and milestones**

[What are you going to answer, and in what order? When are the various milestones reached, and who is responsible for what? We recommend using a flowchart— for example, as follows:]

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Work packages | Q1 | Q2 | Q3 | Q4 | Responsible | Cost NOK |
| Wp1 |  |  |  |  |  |  |
| R1.1 | M 1.1 |  |  |  |  |  |
| R1.2 |  | M 1.2 | M 1.2 |  |  |  |

Wp: work packages with secondary objectives and associated research questions R, Quarter Q1-4, Method M for the respective research questions.

# Effects and implementation

**Impact and effects**

[*Elaborate who will benefit from the project results and how the project responds to the call for proposals. Also, describe and explain how the project contributes to the UN Sustainable Development Goals, solves regional societal challenges and provides new knowledge to the project partners and other regional actors, as well as the potential for value creation in the public or private sector. See more detailed description of the sub- points of the assessment criteria in the call for proposals*]

**UN Sustainability goals**

[*Describe and explain how the project will contribute to the UN goals for sustainable development*]

**Regional value creation for the public sector**

[*Describe the potential for value creation in the public sector, linked to the areas of priority in the call.*  *To be filled in by applicant form the public sector*]

**Regional verdiskaping for det private næringslivet**

[*Describe the potential for value creation in the private sector, linked to the areas of priority in the call.*  *To be filled in by applicant from the private sector*]

**Dissemination of the results**

*[Plans for dissemination of project results (communication channels and target groups). IPR/Patenting or secrecy of data/knowledge]*

**Continuation as R&D - project**

*[How likely is the probability that the qualification project will be continued as a main project. Give reasons for the answer. What funding schemes are relevant?]*

# References

*[References can help support the academic content of the project. The need for references will vary, and no special formal requirements are set for how the reference shall be entered, but it must be possible for others to be able to locate the relevant sources on the basis of the information provided.]*

**Delete this page before submitting the project description.**

# Appendice: Definition of activities

The support for undertakings is allocated pursuant to Article 25 of the Commission of the EU's General Block Exemption Regulation. The project's activities must fall within one of the definitions described below: Industrial research or experimental development.

**Industrial research:**

Planned research or critical investigation aimed at the acquisition of new knowledge and skills for developing new products, processes or services or for bringing about a significant improvement in existing products, processes or services. It comprises the creation of components parts of complex systems, and may include the construction of prototypes in a laboratory environment or in an environment with simulated interfaces to existing systems as well as of pilot lines, when necessary for the industrial research and notably for generic technology validation.

**Experimental development**:

Acquiring, combining, shaping and using existing scientific, technological, business and other relevant knowledge and skills with the aim of developing new or improved products, processes or services. This may also include, for example, activities aiming at the conceptual definition, planning and documentation of new products, processes or services.

Experimental development may comprise prototyping, demonstrating, piloting, testing and validation of new or improved products, processes or services in environments representative of real life operating conditions where the primary objective is to make further technical improvements on products, processes or services that are not substantially set. This may include the development of a commercially usable prototype or pilot which is necessarily the final commercial product and which is too expensive to produce for it to be used only for demonstration and validation purposes.

Experimental development does not include routine or periodic changes made to existing products, production lines, manufacturing processes, services and other operations in progress, even if those changes may represent improvements.

**The call for qualification support in Oslo does not support:**

**Feasibility study:**

**The evaluation and analysis of the potential of a project, which aims at supporting the process of decision-making by objectively and rationally uncovering its strengths and weaknesses, opportunities and threats, as well as identifying the resources required to carry it through and ultimately its prospects for success.**

**Fundamental research:**

Experimental or theoretical work undertaken primarily to acquire new knowledge of the underlying foundations of phenomena and observable facts, without any direct commercial application or use in view.