Project description template

Emerging Technology Solutions in Quantum Technology and Synthetic Biology 2024

# Instructions - Project description

Use this template for the project description and follow the instructions in blue italics and **blue bold italics.**

Information in this document will determine whether you continue in the selection process. Please note that an unclear or incomplete answer to a question may lead to Vinnova rejecting the application.

You can refer to a different section of the description to avoid typing the same information twice.

1. The project description can be written in Swedish or English. We recommend that you write in English.
2. The maximum length of the project description is 10 pages. The 11-point Arial font should be used.
3. No illustrations or figures may appear in this document.
4. The project description must follow the instructions for the maximum number of characters (see instructions for each question)
5. Remove all instructions (in blue italics and **blue bold italics*)*** and this cover page before uploading the project description.
6. When the project description is ready, it must be uploaded in PDF format to the eServices portal.
7. When the project description is ready, it must be uploaded in PDF format to the eServices portal.

[Project title]

## Formal requirements

In order for your application to be assessed by Vinnova, the following requirements must be met and answered with "yes" below.

* 1. The applicant/coordinator is the legal entity where the applied project will be carried out:

Yes / No

* 1. Project partners are legal entities:  
     Yes / No
  2. Project partners applying for funding are Swedish organisations:  
     Yes / No
  3. The project's application is a maximum of SEK 1,000,000 per project party:  
     Yes / No
  4. The project's applied start date is 2024-06-18 at the earliest:  
     Yes / No
  5. The project's application start date is no later than 2024-07-02:  
     Yes / No
  6. The end date of the project is no later than 2025-03-04:  
     Yes / No
  7. The application is designed in accordance with the guidelines described in section 9, i.e. with attached documents according to Vinnova's templates:

Yes / No

## Project description, free text

Describe *the innovation project for which you are applying for funding*. **Maximum 4,000 characters**

[Space for own text]

## Assessment criteria; Potential, Actors, Implementation

# Potential

## Thematic fit

Describe how the themes of the application for technology theme and technical maturity are in line with the guidelines and objectives described in section 2 of the call text. In this regard:

1. that the technology theme is in quantum technology and/or synthetic biology
2. that the level of technical readiness at the time of application corresponds to the formulation of a concept that the technology has been formulated (TRL2)
3. that the level of technical readiness at the end of the project is targeted to correspond to a first proof-of-concept for a technical solution (POC, TRL3).
4. that at the time of application, no funding from private funders has yet been received to the applicant parties, for activities of a higher level of technical or business readiness than basic research

**Maximum 2,000 characters**

[Space for own text]

## Unique and innovative vs state-of-the-art

Describe how the proposed technology solution is innovative. Justify the novelty of the project vs. state-of-the-art. **Maximum 1,000 characters**

[Space for own text]

## Technical Superiority

Describe from an imaginary future customer perspective why and how the proposed technology solution would be functionally superior to other solutions. **Maximum 1,000 characters**

[Space for own text]

## National resilience

*Describe an initial hypothesis for future Swedish national ability to have control over solutions with the application's technology and how the technology can be provided with national resilience against disruption and shocks in e. g. geopolitics and value chains.* **Maximum 1,000 characters**

[Space for own text]

## Technology for systems

*Describe an initial hypothesis for how the intended technology solution can enable a future generation of systems in industry and/or society with improved national resilience.* **Maximum 1,000 characters**

[Space for own text]

## Paradigm shift

Describe how the proposed *project can contribute to a* paradigm shift with this technology, and if there is potential for applications across multiple industries. **Maximum 1,000 characters**

[Space for own text]

## Equality

*Describe the project's potential to contribute to increased gender equality.* **Maximum 1,000 characters**

[Space for own text]

Agenda 2030

*Describe the project's potential to contribute positively to the global goals in Agenda 2030, as well as minimize potential negative effects.* **Maximum 1,000 characters**

[Space for own text]

# Actors

## The team's ability to deliver

Describe the project participants possess documented and demonstrated competencies in technology, entrepreneurship and future business and application area(s). For beneficiary project partners where 100% aid intensity is not justified by state aid rules, the financial capacity of each such project party to co-finance their respective costs.

**Maximum 2,000 characters**

[Space for own text]

## Competence of the project manager

Describe how the application's project manager has a documented and demonstrated ability to lead technology projects towards the goals of proof-of-concept, plan for follow-up funding, and preferably also to be able to lead multidisciplinary competencies (technology, entrepreneurship, marketing, business) after the end of the project. **Maximum 1,000 characters**

[Space for own text]

## Equal team

Describe how well the team (key people) is composed: Gender balance and power distribution and influence between women and men. Imbalances need to be explained credibly and specifically gender and power distribution and influence between women and men. **Maximum 1,000 characters**

[Space for own text]

# Feasibility

## Expressed interest in foresight-oriented approach

Describe preparedness and self-expressed will, curiosity and interest, in collaborating with Vinnova according to Vinnova's instructions, as well as being coached to work with foresight ten years ahead with backcasting back to the present, and with pioneering technology at the center of a systems perspective. In addition, for systems perspective and use, readiness to invite actors who are not researchers or technical experts, further willing and interest in dialogue with coaches*.* **Maximum 1,000 characters**

[Space for own text]

## Method

Describe a summary justification for *the credibility and effectiveness of the project plan for the implementation of the project within the set time, within budget and with expected results. Project methodology, control, organization and involvement of project parties and other relevant actors, including users. Justify a project plan that shows all parties' activities, commitment, participation and mutual communication.* **Maximum 1,000 characters**

[Space for own text]

## Plan

Please note that the described costs must correspond to eligible costs as described in the call text including links to documents in section 4.

Describe the time required for the respective work packages. *Justify that the budget, plan and approach to the implementation of the project are credible, justified and relevant to the objectives of the project.* **Maximum 4,000 characters + optional budget table.**

[Space for own text]

[Budget table LOCATION]

## Work Packages

Please note that the work packages described must correspond to eligible costs according to section 4 of the call text. Describe the work packages as follows:

Work package 1. Work package name, objectives, content, participants, skills, number of hours, cost.

**Maximum 10 work packages. Maximum 2,000 characters per work package.**

[Space for own text]

## Utilisation of the project results

Describe an initial timed hypothesis of how the project results will be used in subsequent commercialisation, i.e. a hypothesis about how and which category or categories of actors will commercialise the project results and which categories are customers and users*.* **Maximum 1,000 characters**

[Space for own text]

## Risk management

Describe risks for the project = probability x impact, for both project implementation and pre- and subsequent commercial exploitation.

What challenges and possible risks do you see in the project? How do you intend to manage them to ensure that you can carry out the project according to plan? Motivate.

**Maximum 2,000 characters**

[Space for own text]

## Sustainability

Describe how relevant sustainability perspectives have been integrated into the project plan; socially, economically and environmentally.

**Maximum 2,000 characters**

[Space for own text]

**<This template ends here>**