**Project Description, 2023-T**

**Project Name:**

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| --- |
|  |

**Note: This template is used when applying for funding for Technology Research for space applications.**

In this template, each section contains instructions on the required content written in **blue italic font**. Please read these instructions carefully. Do not remove any section heading. If there is nothing to be said, simply write "Not applicable" under the heading. However, feel free to add any sub-section under the mandatory sections, as needed, to make your application as clear as possible.

See Prisma for the maximum number of pages for the PDF attachment. The minimum font size for bulk text in this enclosure is 12p.

**Instructions in blue italic font should be removed.**

It is essential that applicants ensure that the application includes clear answers to all questions in the chapter "CRITERIA FOR EVALUATION" in the instruction text for the call (<https://www.rymdstyrelsen.se/forskning/utlysningar/aktiva-utlysningar/2023-T/>). See also the checklist below.

Applicants can optionally use this checklist to ensure that they have addressed all the evaluation criteria in the appropriate chapters of the project description before they send in their application. Note: The below is not full version of criterias which are found in the call text. **Remove the checklist before uploading the file to Prisma.**

1. *Scientific excellence*

[ ]  Scientific excellence and novelty. *Potential to renew, develop, and promote* (Chapters 2 & 3)

[ ]  *Relation to similar, ongoing, or planned research internationally (Chapter 3)*

1. *Potential*

[ ]  *Significance for future space activities and potential for successful implementation (Chapter 4)*

1. *Implementation*

[ ]  *Project plan, implementation method, and work packages (Chapter 5)*

[ ]  *Timeline (Chapter 5.2)*

[ ]  *Doctoral student plan and supervision (if applicable) (Chapter 6)*

[ ]  *Realistic and well-motivated cost estimates (Chapter 7)*

1. *Actors*

[ ]  *Suitability and experience of the proposing team (Chapter 8)*

[ ]  *Scientific and technical capacity of the team (Chapter 8)*

[ ]  *Research environment, collaborations, competitiveness, and international standing (Chapter 8)*

[ ]  *Adequacy of laboratory resources (Chapter 9)*

# Summary

*A general summary of the proposed research project. This summary can be more specialized than the text entered in the Prisma form under "Abstract, at a level suitable for researchers in nearby fields (English)".*

Text…

# Background and Relevance to Space Activities

Briefly present the topic considered in this proposal, describe the technological importance of the proposed project, and identify the gaps in current knowledge, etc. If applicable, describe preliminary results relevant to the proposed project.

Provide sufficient background information to allow a peer with no prior knowledge of your work to make a good evaluation of the proposal. Clearly specify the long-term benefits of the proposed project to space activities.

Describe the importance of the project internationally and for Swedish society, including both basic science and applied science aspects, if applicable.

Text…

# Scientific Novelty, Objectives, and Goals

Explain the scientific novelty and rationale. Describe the scientific objectives and goals. How does the project relate to similar, ongoing, or planned research internationally?

Text…

# Technological Applications

Describe the anticipated results and their significant long-term applications in future space activities. This may involve technology for spacecraft, sounding rockets, high-altitude balloons, software or ground-based equipment required for space-based activities.

Text…

# Project Plan

The planned methodology and technical implementation should be clear from this chapter, it can be included directly in the work packages below.

## Work Packages

*Work packages for the proposed project, including responsibilities and deliveries. The total amount of work must be broken down into work packages to a level of detail that allows the evaluation of the feasibility to complete the project on time and within budget.*

**WP1: Work package name**

(WP1: x % of the project's total number of hours)

Participants and their fraction of workload: [add text]

Description (content and contributions from participants):

[add text]

Describe deliverables and expected results:

[add text]

**WP2: Work package name**

(WP2: x % of the project's total number of hours)

Participants and their fraction of workload: [add text]

Description (content and contributions from participants):

[add text]

Describe deliverables and expected results:

[add text]

**WP3: Work package name**

(WP3: x % of the project's total number of hours)

Participants and their fraction of workload: [add text]

Description (content and contributions from participants):

[add text]

Describe deliverables and expected results:

[add text]

**ETC.**

## Timeline

Include a timeline.

# Plan for Doctoral Student Position

Describe the planning for the PhD student if full coverage of a PhD student position is requested.
If this does not apply, then you can simply write “Not applicable”.

* Name of supervisor supervisor(s). Describe their qualifications (e.g., tutoring and teaching experience), and commitments (in percentage of full time) to the supervision tasks. Note: Supervisor must be project leader or a participating researcher.
* Outline a clear and credible plan for the thesis work. List milestones and the research tasks under the responsibility of the student. List the expected results and output of the PhD students research.
* Try to have the main project plan in chapter 4 and focus in this chapter on the PhD. student perspective, i.e., on what is not clear from the general project description.
* It is important to make it probable that the student will finish her/his PhD thesis within the scope of the project and within four years of full-time efforts.

Text…

# Specification of Costs

Here you specify and justify requested costs (note that it is not sufficient to merely restate the information given in the Prisma budget tables). References to the WP in previous chapters can be made.

In case you are applying for a Ph.D. student position, also clarify the following costs (for a maximum of four years):

* Tutoring costs. It should be clear how much of the supervisor(s) salary is connected to tutoring and how much is connected to other project parts.
* Other costs for the student, e.g., computer costs, a yearly conference, etc.
* Indirect costs on the above

Text…

# Project Organisation

Describe the project organisation and staff situation. Explain the staff's experience in project-relevant areas and the responsibilities of individuals.

Text…

## Collaboration

Describe contacts and collaborations with other research teams, on a national and/or international level.

It is recommended to include letters of commitment certifying the participation of externally funded collaborators who are playing an important role in the project. Such letters can be included in the application as a separate enclosure (see [Instructions 2023-T](https://www.rymdstyrelsen.se/forskning/utlysningar/aktiva-utlysningar/2023-R/) for further details).

Text…

# Access to additional laboratory resources

Describe this project’s need of significant laboratory resources (if any) and how they are met and handled.

Text…

# Risk Assessment

Describe the main risks affecting the project.

Text…

# Publications

## Plan for publications and data

Describe the plan for publication and archiving of scientific data as well as associated metadata standards. Describe if this data will become freely and openly available to other researchers and how and when this will happen. In case rules for the above have not yet been established, please provide information on the process for achieving this. Note: According to SNSA "Generella villkor" for granted projects, research must be made available in Open Access within six months after publishing. For more information, see SNSA "Generella Villkor".

Text…

## List of publications of the Swedish Team (max 10)

List a maximum of ten full references to scientific publications that show the experience of the project team in the subject of the proposal. For publications based on projects fully or partially funded by SNSA, please add the bracket "(funded by SNSA)" after each relevant publication reference.

Text…

# References

List of references referred to in the text.