### Project title

Zenith Project Proposal Project leader (aaa.bbb@liu.se)

May 6, 2025

The application should be about 5 pages long, excluding the references, CV, and appendices. The application shall be submitted as a single PDF file, including the appendices.

## Background and industrial and/or societal relevance

Describe the project background, industrial and/or societal motive of the research, and position the research topic in an international perspective.

### Project description

The main description of the project, including any relevant preliminary results.

#### Visions, plans, and academic leadership

Describe the long-term vision of the project as well as more short-term plans (e.g., over three years) that will help you take steps toward your vision. Please note, as Zenith is a career development program, we would like you to describe plans for the envisioned research and connected research activities as well as the steps you need to take to become a research leader including your leadership development. This includes for instance independence with respect to your previous supervisor(s), ambition to form a research group, and your personal professional development in relation to this.

#### Research environment and industrial cooperation

Describe the research environment and the industrial/societal motivations for the project, including contact persons for collaborating partners. It is strongly encouraged to include letters of intent from collaborating partners, preferably including plans for cooperation.

#### References

### Appendices

## A Budget

Describe the project budget. It should be clear from the budget which researchers are funded by the project and which other sources are used to finance the project. A full Zenith grant is, preliminary, 600 000 SEK/year. It is required to use the full cost template available at https://liuonline.sharepoint.com/sites/intranet-ekonomi/SitePages/Kalkylmallar.aspx. Export the budget summary and include it in the application.

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ssibly limitation social cost (LKP)	Nej					Fi	ed assets:	Nej			
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rticipants role	Organisation	Name	2026	2027	2028	2029	2030	2031	Total		
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insulting costs/purchased services			0	0	0	0	0	0	0		
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her cost			0	0	0	0	0	0	0		
fice / Facilities			30 000	30 000	65 000	65 000	65 000	0	255 000		
perating costs			72 480	56 610	99 607	99 899	100 197	0	428 794		
direct costs			98 855	96 417	157 271	162 180	167 250	0	681 973		
			428 414	418 590	698 849	718 635	739 070	0	3 003 557		
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# B CV

# C Letter of intent 1

Letter of intent from partner 1.

# D Letter of intent 2

Letter of intent from partner 2.