Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Innosuisse – Swiss Innovation Agency

Application

Number:
134.722 IP

Title in English:

Project Duration:
Start:
End:
Duration: (M)

Requested Innosuisse Funding incl. Overhead
CHF 0.00

Special Funding Measure

Research Partner(s)

Implementation Partner(s)

1. Introduction

Abstract

Please note, the abstract will be published in Aramis

Management Summary

Please note, the executive summary will not be published in Aramis

Context

Thematic Area:
Cluster:
Special Funding Measure:

Is the application a follow-up of an idea financed in the frame of an Innosuisse Innovation Booster?

Have any of the topics in this application been previously developed with Innosuisse or other funding instruments?

Please describe any potential synergies between these previous funding or ongoing evaluations, and demonstrate that the current application differs from them and does not represent a risk of double-funding of activities already funded by another source.

Has any staff member who will be collaborating on the application been severely sanctioned for violation of scientific integrity in the last 3 years? No

Intellectual Property Rights

Was a patent search performed with or without IPI (Swiss Federal Institute for Intellectual Property)?

Have the project partners concluded a prior written agreement regarding the assignement or exploitation of any research findings or patents?

No

Does the project require (patent-)licencense(s)? If yes, please explain which background IP is needed for the project and the ownership of that background IP.
No

2. Organisations and People

Research Partners

Contract Party	Research Center Type	Department	Organisation Representative	Contact

Implementation Partners

Contract Party	Start-up Company	Total FTE	Industry Sector	Organisation Representative	Contact

Main Contacts

Project manager: ()

Innovation Mentor

No Innovation Mentor involved.

Independence of Research and Implementation Partners

Personnel Independence

Are any of the employees involved in the project on the part of a research partner also an employee of an implementation partner?

*It must be ruled out that a natural person involved in the project on the part of the research partner also performs an activity for the implementation partner during the duration of the project that goes beyond a pure, clearly defined and time-limited consulting activity.*No

Are any of the employees involved in the project on the part of the research partners a member of an involved implementation partner's executive board, supervisory board or scientific committee?
*Please note that the independence of research and implementation partner is only given, if the activity within the committee or board is limited to a consulting activity, fixed in writing and limited in time.*No

Have any of the employees involved in the project on the part of the research partners been commissioned by an involved implementation partner to perform another role?No

Financial Independence

Check the boxes that apply. If you cannot confirm both statements, please explain in the text field below.
Legal entities that collaborate as research and implementation partners are considered independent from each other, if neither party holds 20% or more of equity securities of the other partner. Please confirm that none of the research staff involved in the project or research partner (legal person) own more than 20% shares in an involved implementation partner.

☐ None of the employees involved in the project on the part of the research partners holds more than 20% shares in an involved implementation partner
☐ None of the research partners (legal person) holds more than 20% shares in an involved implementation partner

Explanations and Comments

3. Value Creation

Innosuisse funds Innovation Projects if the partners responsible for the implementation can demonstrate that the research results will benefit the Swiss economy or society in an effective way.

3.1 Describe the business targets and the business model.

*For projects with **economic value creation**, please describe:*

- *What is your business model and the target value chain position?*
- *Which customer issues, pain points or social challenges do you propose to solve?*
- *How do you differentiate yourself from other market players (USP: Unique Selling Proposition)?*
- *What is the current size of the market and the realistically addressable market size in the coming five years? What is your annual market growth rate?*
- *What is your market position compared to other competitors?*

- *Are there existing solutions and competitors and how does your proposal compare to them?*
- *What is your competitive advantage (valuable intellectual property, knowhow, speed to market, etc.)?*
- *If the value proposition is successfully delivered to customers, which revenue streams will be generated?*
- *How do you charge for the products / services provided and why do you think that there is a willingness to pay from your targeted customers?*
- *What costs for necessary resources (staff, material, infrastructure, etc.) will be needed to bring the value proposition to the customers?*
- *How will revenue and profitability develop over the next years? E.g., provide net present value (NPV) scenarios with/without funding from Innosuisse.*
- *How will you generate revenues or how will you be self-sustainable?*

*For projects with **social value creation**, please describe:*

- *What is the problem that you are trying to solve?*
- *What is the potential to create social value, economic value or to reduce cost?*
- *What is the implementation partners way/plan to capture value?*
- *What is the expected value creation with your proposition?*
- *Who are the beneficiaries of the value proposition, including quantification?*
- *What is the size of your user group?*
- *What is the potential demand of your proposition in the field (user need and potential to be distributed at large scale)?*
- *Which other actors exist, what do they offer, what are the gaps and how do you differ from them?*
- *Are there existing solutions and actors/providers in the field and how does your proposal compare to them?*
- *How do you plan to defend your competitive position against new offers and solutions?*
- *How do you plan to make your social enterprise sustainable, without relying on donation, sponsorship or governmental subsidies?*
- *If the value proposition is successfully delivered to beneficiaries, which revenue streams will be generated?*
- *How is the cost-benefit ratio for the project, including qualitative and quantitative components? E.g., provide scenarios with/without funding from Innosuisse.*
- *What is the benefit for Swiss society and economy? What justifies an investment, both from Innosuisse and the implementation partner(s)?*

*For projects **without an implementation partner**, please describe:*

- *The required over-average innovation potential.*
- *The high risks involved for the implementation of the innovation on the market at the current state of research.*
- *The potential value creation by a future implementation partner.*
- *The attractiveness of commercial use of the research findings elaborated, based on known facts about the market and with a view towards commercialisation by a Swiss implementation partner.*
- *Above-average value creation and prospects of convincing potential implementation partners of the attractiveness of an economic use of the research results (e.g., provide a LOI, letter of intent).*

3.2 Describe potential customers and how they are to be reached

For projects with economic value creation, please describe:

- *The customer model: B2B/B2C/C2C.*
- *The market access and marketing approach.*
- *The implementation plan.*
- *Your commercialization / go to market strategy. Can you provide a proof of early market traction?*

For projects with social value creation, please describe:

- *The target communities and/or partners and how they will be reached.*
- *The implementation plan.*
- *The growth plan, i.e., how you want to reach a larger number of beneficiaries for the benefit of the Swiss society.*

3.3 Does the planned project have a particular relevance to energy or ecological or social impacts that are noteworthy?

If yes, please describe the higher purpose and how this particular project can concretely contribute to the challenge in question. (The following is a non-exhaustive list of examples: Reduction of poverty, quality of life, quality of education, clean water and sanitation, reduced inequalities, responsible consumption and production, sustainable use of resources, avoidance of waste, climate protection, biodiversity, health, minimising grey energy, energy efficiency, supply of energy, maximising local/CH resources, contribution to the circular economy etc.)

4. Solution

4.1 Describe the state of the art that you intend to advance.

Please describe overall the current state of science and technology in the relevant field.

4.2 Describe the novelty of your solution (technology, product, business model or process, service).

Please describe e.g.:

- *The state of the art in science and technology that you intend to advance and provide quantifiable information (KPI, Key Performance Indicator).*
- *To what extent the state of the art could be improved by the work in the project and how effective it will be.*
- *Why the proposed solution is innovative and not just an implementation of best practices.*
- *The uniqueness created.*
- *The mono-field/cross-field/cross-cluster approach.*
- *The own position vs. international state of the art.*
- *The scientific/technological/societal ambition, risk and technology readiness level (TRL) and/or level according to theory of inventive problem solving (TIPS), if applicable.*
- *The primary applicability of research results.*
- *The wider interest in/applicability of research results.*

4.3 Describe the quantifiable goals to reach.

Please describe e.g.:

- *The scientific goals.*
- *The economic or societal goals.*
- *The technological goals, if applicable.*

4.4 Describe the preliminary work already performed.

Please describe the preliminary work already performed.

4.5 Describe how the selected partners are suited for the planned project.

Please describe e.g.:

- *The capability of the project partners to foster and realise value creation in Switzerland.*
- *The skills and capabilities you have that make a difference for the success of the case.*
- *How you intend to collaborate with your partners and why the chosen constellation is good.*
- *Who in the team has the expertise to implement this innovation as a robust product.*
- *The specific competencies of the project partners for the present application.*
- *The scientific/technical expertise of project partners.*
- *The track record of project partners.*
- *Whether the necessary infrastructure is available.*

5. Project Setup

Project Plan

Project duration - (M)

	Name	Start	End	Duration		
					Oct	Nov

Risk Management

See attachment.

Project Management

Total Planned Hours per Partner

Responsible Organisation	Planned Hours
Total planned hours	**0**

How many of the total planned hours are dedicated to project management activities? Please explain the extent.

hours (0%)

Explanation

Project Budget

Distribution in Regular Innovation Project Applications

- *The amount the implementation partners contribute to the project must be between 40-60% of the total project contributions (without overhead).*
- *The implementation partners' contribution is made up of own contributions (their own work) and financial (cash) contributions to the research partners.*
- *The financial cash contribution is at least 5 per cent of the total project contributions (without overhead).*
- *Deviations must be justified and can only be accepted in compliance with our legal framework. If you want to learn more about the regulations, please visit our website.*

Financial Overview

	Research Partners	Implementation Partners		Total Contributions
		Cash	Own	
Salary costs	0.00	0.00	0.00	
Material costs	0.00	0.00	0.00	
Total implementation partners' contributions		**0.00 (0.0%)**	0.00	**0.00 (0.0%)**
Total Innosuisse contributions				**0.00 (100.0%)**
Total project costs				0.00 (100.0%)
Overhead	0.00			
Total Innosuisse contributions including overhead	0.00			

Explanations regarding cash contributions:

Explanations regarding the contributions of the implementation partner(s):

Salary Costs

Research Partners

Implementation Partners

Material Costs

Material costs that are necessary for the proper execution of the innovation project can be added below. All amounts can be listed with VAT. The respective costs for VAT must be included in the requested amount. Innosuisse does not pay costs for publication of research results, the use of research infrastructure acquired by third-party funds explicitly provided for this purpose and travels within Switzerland.

Research Partner(s)

Description	Explanation	Category	Used by	Amount

Total Material Costs of Research Partners 0.00

Implementation Partner(s)

Description	Explanation	Category	Used by	Amount

Total Material Costs of Implementation Partners 0.00

Cash Contributions

Financial contributions made by the implementation partners to the research partners in order to cover necessary costs incurred by the research partners in the course of implementation of the project (in particular salary and material costs) are counted towards the cash contribution.

Cash to Salary Costs

Description	Used by	Paid by	Amount	Explanation

Cash to Material Costs

Description	Used by	Paid by	Amount	Explanation

Total Cash Contributions of Implementation Partners **0**

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