

# Open Call 2023 – Part 1

## Technical and social innovations for sustainable mineral and metal supply

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SWEDISH  
MINING  
INNOVATION

Med stöd från

VINNOVA  
Sveriges innovationsmyndighet

Energimyndigheten

FORMAS

Strategiska  
innovations-  
program





# Strategic Innovation Programs



**BioInnovation >**



**Drive Sweden >**



**Grafen >**



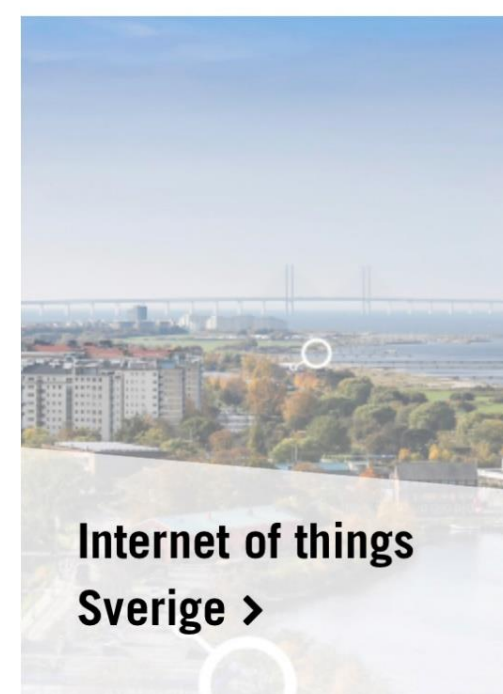
**STRIM - gruv och  
metallutvinning >**



**InfraSweden2030 >**



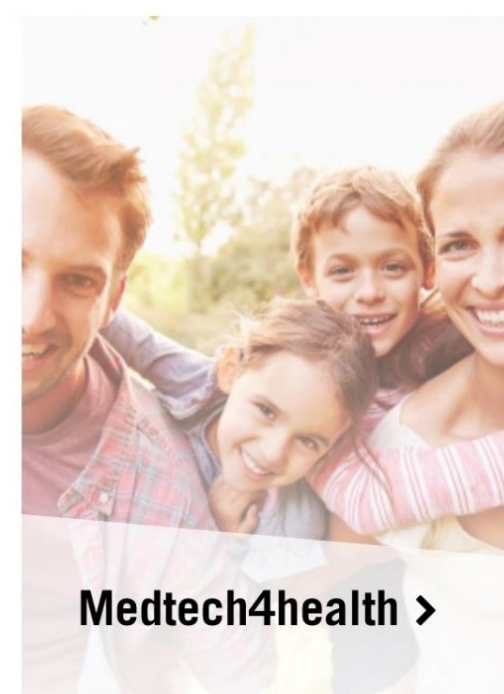
**Innovair >**



**Internet of things  
Sverige >**



**Lättvikt >**



**Medtech4health >**



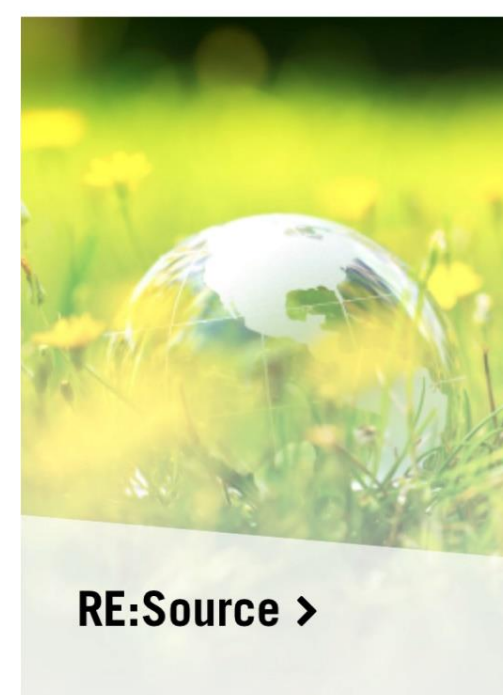
**Metalliska  
material >**



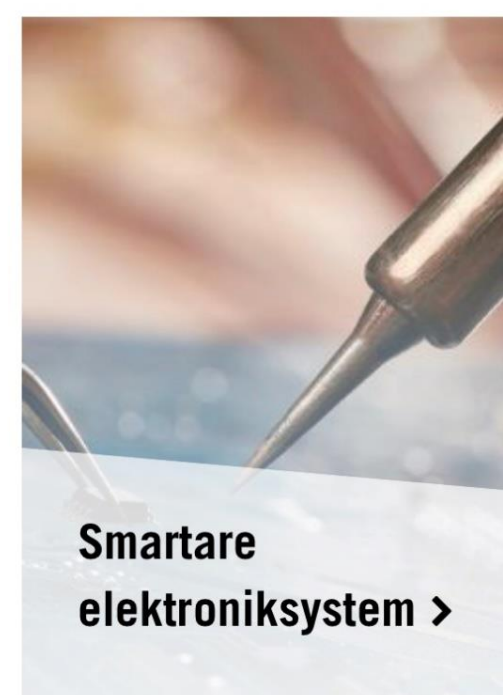
**Processindustriell  
IT och automation >**



**Produktion2030 >**



**RE:Source >**



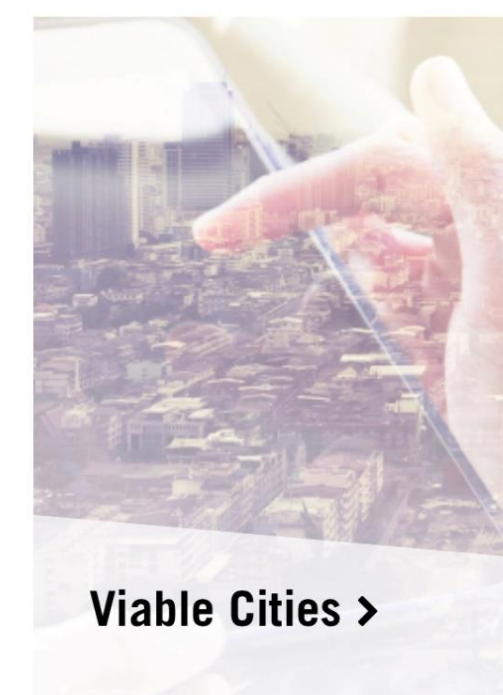
**Smartare  
elektronisksystem >**



**SWELife >**



**Smart Built  
Environment >**



**Viable Cities >**

SWEDISH  
MINING  
INNOVATION

With support from

**VINNOVA**  
Sweden's Innovation Agency

 **Swedish  
Energy Agency**

**FORMAS** 

Strategic  
innovation  
programmes





# Open Call Contact

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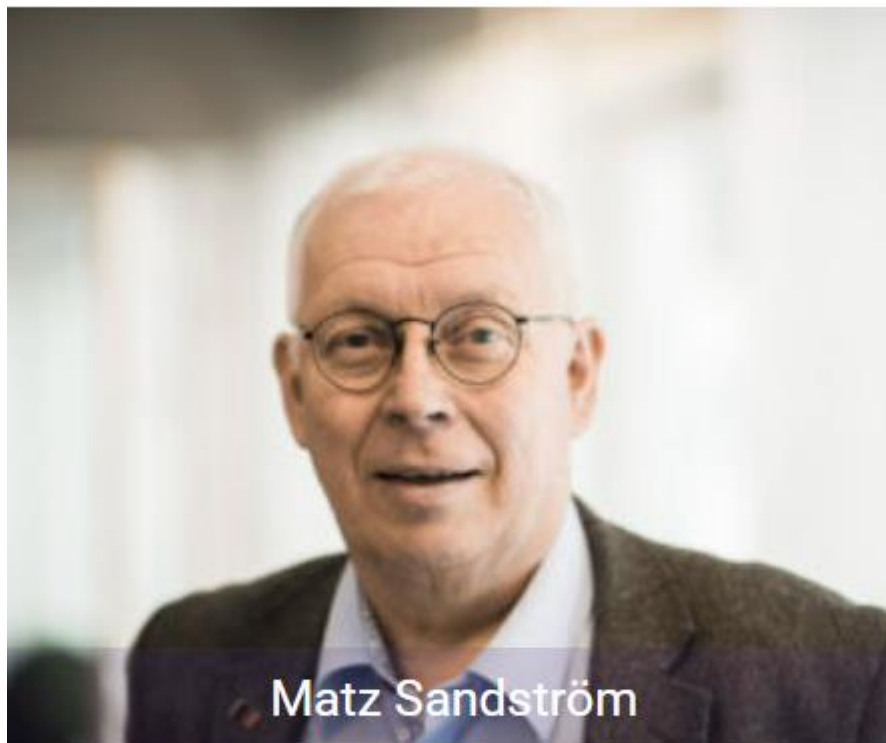


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## Connect with us!

- [www.swedishmininginnovation.se](http://www.swedishmininginnovation.se)
- [LinkedIn](#)
- [twitter](#)



# What is Swedish Mining Innovation?

Public-Private Partnership with financing 50% public/50% private.

Brings together the Swedish mining and metal industry ecosystem.

**The goal is to strengthen Swedish competitiveness and sustainability in the mining and metal production sector through research, innovation and education.**



- Started 2013; ending 2025
- Fund Innovation Projects
- Idea competition for SMEs
- Host & contribute to events
- SME network
- PhD student network
- Mining Municipalities network
- Internationalization
  - 20 international partners in projects
  - MoU with Codelco, Chile
  - Open for further international collaboration!

# Contents

## Part 1

Key information

Scope

Project types

Evaluation process

Recommendations

More information & contacts

Other SMI calls

## Part 2 - formalia

Application documents

Project description template

Project summary template

Budget calculation

Recommendations

More information & contacts



# Key Information

**Call Close:** **September 14, 2023 at 14:00**

Interview dates: October 23-24, 2023 (max 10 minutes)

Decision: 30 November, 2023

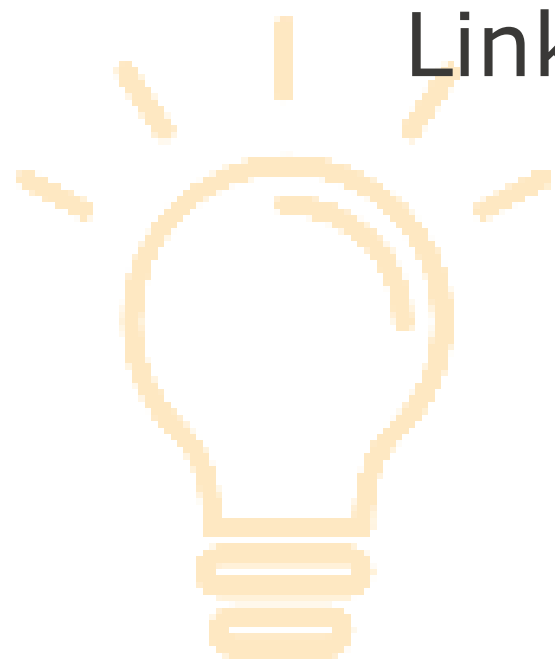
Project start: 1 January, 2024

Available funding: 10 MSEK

Link to Vinnova application portal:

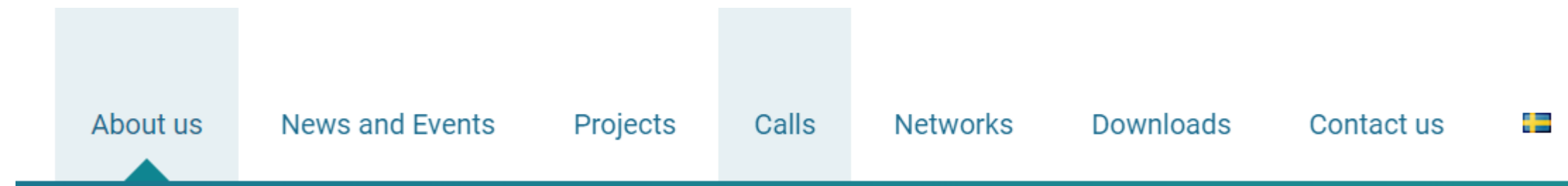
[Tekniska och sociala innovationer för hållbar mineral- och metallförsörjning | Vinnova](#)

Link to Swedish Mining Innovation's information: <https://www.swedishmininginnovation.se/calls/>





# www.swedishmininginnovation.se



projectleaderroutine



- Reporting to Swedish Mining Innovation
- Link to Vinnova publication rules
- Logos, acknowledgement of funding

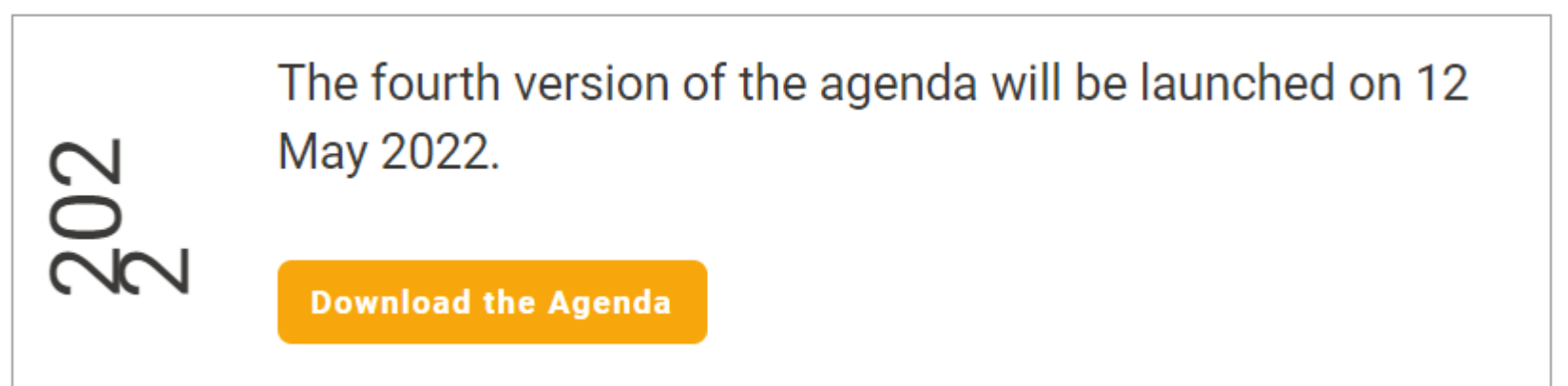


Apply by 14 Sep 2023  
**Open call 2023**  
Last call, last chance! For call text and to apply to the open call, see Vinnova's website.  
Click [HERE!](#)  
We offer two types of projects



Inclusive Innovation

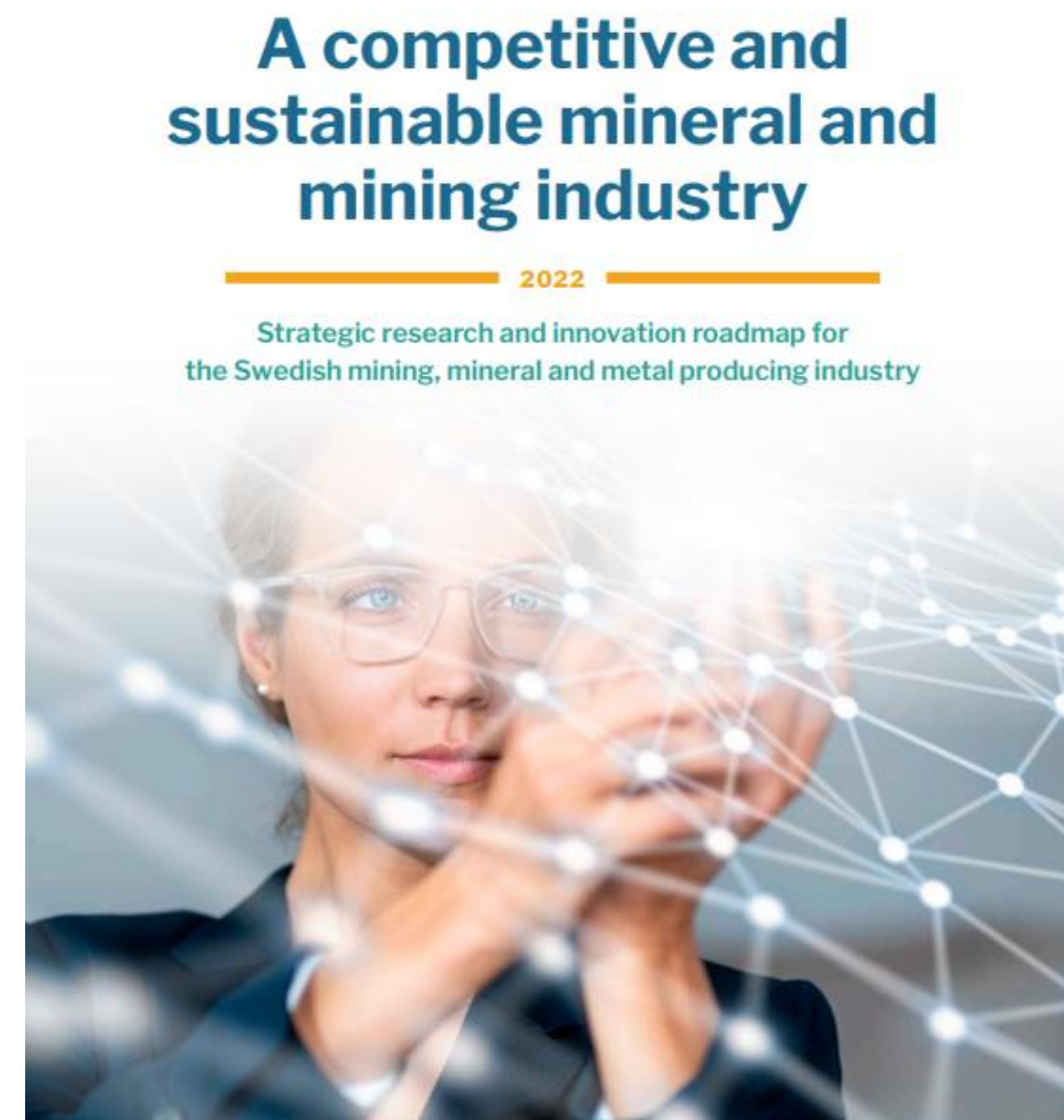
Roadmap / agenda





# Scope: Roadmap & UN SDG

- Exploration
- Resource characterisation
- Mining
- Mineral processing
- Metallurgy and Recycling
- Environmental performance
- Attractive workplaces
- Gender equality and diversity
- Mining and Society



[Agenda 2030 - the global sustainability goals as a driving force for innovation | Vinnova](#)



# New Social Innovation Projects

- Projects in their own category – separate ranking list
- Improving understanding and interaction between society and mining/metal production.  
Supporting UN SDGs
- Inspiration – Towards Sustainable Mining (TSM), International Council on Mining and Metals (ICMM) etc.

Maximum funding: *1 000 000 kr*

Maximum aid intensity: *80%*

Maximum duration: *18 months*

Partner Requirement: *minimum 2 organizations (any kind)*

Special requirement: *Letter of commitment from partners that are companies*





# Technical Innovation projects

- Increase the TRL level of an innovation (industrial research)
- Pilot/demo/prototype (experimental development)

Maximum funding: 2 000 000 kr

Maximum aid intensity: 50%

Maximum duration: 18 months

Partner Requirement: minimum 3 organizations, at least one is a research actor

Special requirement: letter of commitment from companies

TRL range: 3 – 7





# Foreign Partners

- Encouraged! Motivate in the application – what's in it for Sweden?
- Foreign organizations are not eligible for funding

But:

- Count towards number of partners
- Foreign research actor counts as a research actor
- May contribute cash or inkind (supporting the aid intensity limit)





# Evaluation Process

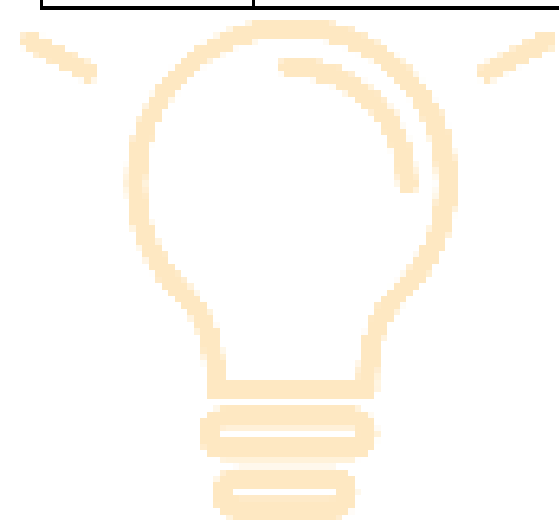
1. Vinnova checks that the **prerequisites are met (letters of commitment, budget, topic, other formalia)**
2. Proposals are evaluated by **an international panel of independent experts**
  - separate ranking list for social and technical projects
  - short presentation and interview some time 23-24 October. 1 or 2 from the consortium must be available.
3. Vinnova in consultation with SMI's board makes final decision as to which projects will be funded based on ranking, SMI's project portfolio and overall call budget.



# Evaluation criteria: Technical Innovation Projects

	Assessment criteria – Technical Innovation Projects (equal weighting in the three main criteria, bullet points are for guidance and not assessed individually)
1	<b>Potential</b> <ul style="list-style-type: none"> <li>• The project's relevance for the Strategic R&amp;I roadmap</li> <li>• Scientific quality and contribution to Sweden's innovation capacity</li> <li>• How well the project contributes to sustainable development</li> <li>• The project's commercialization or long-term implementation potential including global impact</li> <li>• The project's contribution to a gender equal societal development</li> </ul>
2	<b>Feasibility</b> <ul style="list-style-type: none"> <li>• The quality of the project's organizational structure, methods, work plan, resource allocation, deliverables and budget</li> <li>• How well gender equality aspects as well as any international aspects have been integrated in the project plan</li> <li>• Quality and relevance of the communication plan</li> </ul>

3	<b>Actors</b> <ul style="list-style-type: none"> <li>• The expertise and relevant experience of the individual project members</li> <li>• The expertise within the consortium as a whole, coverage of relevant value chain and partners' innovative strength to implement the results or continue to the next stage of development</li> <li>• How well the team (key persons) is composed regarding gender distribution, as well as the distribution of power and influence between women and men.</li> <li>• Relevance of international partners (if any)</li> <li>• Value and role of other stakeholders engaged in the project</li> </ul>
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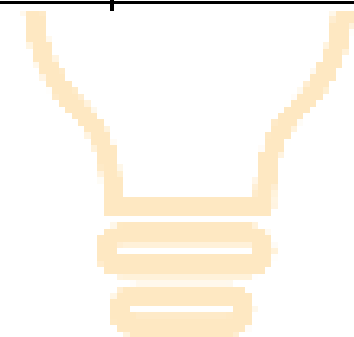




# Evaluation criteria: Social Innovation Projects

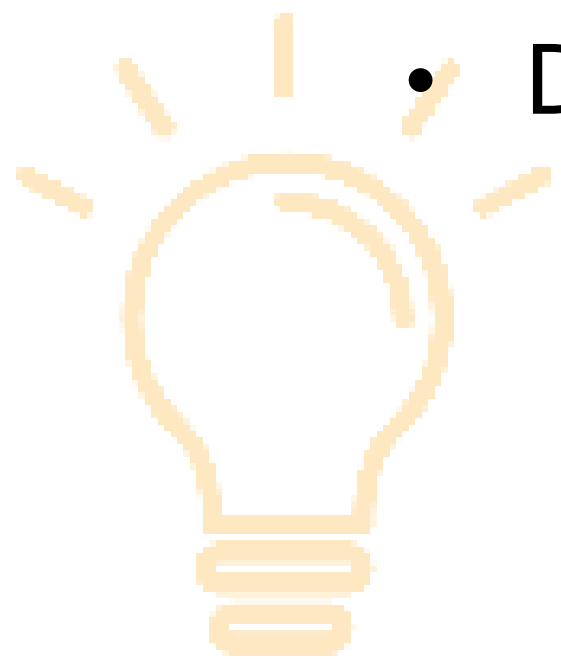
	Assessment criteria – Social Innovation Projects (equal weighting in the three main criteria, bullet points are for guidance and not assessed individually)
1	<b>Potential</b> <ul style="list-style-type: none"> <li>• The project's contribution to Sweden's innovation capacity and role in contributing to sustainable development and competitiveness in the mining and metal production sector with reference to the Strategic R&amp;I roadmap and/or UN Sustainable Development Goals</li> <li>• The project's implementation potential and long-term outcomes including global impacts</li> <li>• The project's potential to establish and develop long-term collaborations across multiple types of actors – sectors, actor types and international actors.</li> <li>• The project's contribution to a gender equal societal development</li> </ul>
2	<b>Feasibility</b> <ul style="list-style-type: none"> <li>• The quality of the project's organizational structure, methods, work plan, resource allocation, deliverables and budget</li> <li>• How well gender equality aspects, as well as any international aspects have been integrated in the project plan</li> <li>• Quality and relevance of the communication plan</li> </ul>

3	<b>Actors</b> <ul style="list-style-type: none"> <li>• The expertise and relevant experience of the individual project members</li> <li>• The expertise of the organizations within the consortium and relevant breadth of consortium</li> <li>• Partners' strength to implement the results or continue to the next stage of development.</li> <li>• How well the team (key persons) is composed regarding gender distribution, as well as the distribution of power and influence between women and men</li> <li>• Relevance of international partners (if any)</li> <li>• Value and role of other stakeholders involved in the project</li> </ul>
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# Recommendations

- Read the call text & supporting documents carefully to determine the fit in SMI's aims – Strategic Innovation Roadmap, SDGs
- Get your partners & letters of commitment early
- Register the project application early in Vinnova's portal & look through fields to fill in (including budget!)
- Write the project description in English
- Ensure prerequisites and mandatory attachments are complete
- Use our web-based gender education platform "Inclusive Innovation" (link at <https://www.swedishmininginnovation.se/calls/> )
- Don't hesitate to contact SMI or Vinnova with questions





# More information

Videos, webinars, roadmaps, information, gender education platform and news  
[www.swedishmininginnovation.se](http://www.swedishmininginnovation.se)

**Person to contact concerning the call's focus, content and desired effects:**

Lawrence Hooey, Technology and Innovation Manager, Swedish Mining Innovation

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**Person to contact concerning the assessment process, administrative, legal and other questions about the call's contents:**

Pontus Westrin, Programme Manager, Vinnova

Tel: 08-473 32 51

E-Mail: [pontus.westrin@vinnova.se](mailto:pontus.westrin@vinnova.se)

**Contact for questions about the online application service:**

Vinnovas IT-support

Tel: 08-473 32 99

[helpdesk@vinnova.se](mailto:helpdesk@vinnova.se)



# Other Calls in Swedish Mining Innovation

**Contact Lawrence Hooey at the program office before you start to write your applications to these calls:**

## **Planning grant:**

Support to prepare applications for international funding e.g. Horizon Europe, open all year

Funding maximum: 300 kSEK

Funding level maximum: 70%

**Internationalization grant:** Support to develop international collaboration.

<https://www.swedishmininginnovation.se/calls/>





# Mining innovation for a sustainable future