Open Call 2022
Part 2 - Formalia
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076 – 129 6602
Resource Efficiency and Sustainable Production in the Mining and Metal-producing Industry

Part 1
Key dates & budget
Themes and topics
Project types
Evaluation process
Recommendations
More information & contacts
Other calls of interest

Part 2
Application documents:
- Strategic Innovation Roadmap
- Project description template
- Project summary template
- Letter of commitment

Funding & Budget
Recommendations
More information & contacts
www.swedishmininginnovation.se

Deliverables within Swedish Mining Innovation projects (Routine for project leaders)

- Reporting to Swedish Mining Innovation
- Link to Vinnova publication rules
- Logos, acknowledgement of funding
Application process – Vinnova call page

- Application is made through Vinnova Portal
- Templates are on the Vinnova Call Page
- Template for SMEs – find the links in the call text

Vinnova Call Page

Call text
(Available in Swedish and English)

Please read the call text

The call text contains important information about the call such as details on the assessment criteria. Please read the call text carefully before you start your application.

- Utlysningstext Swedish Mining innovation 2022 (pdf, 484 kB)
- Utlysningstext engelsk SMI 2022 (pdf, 460 kB)

How to apply

To apply for funding, you need to log in and complete an application form in our eServices portal. The application form contains questions about your project, the participants taking part in the project and your budget.

How to apply for funding?

Download document templates for your attachments

Please download the templates for the documents you need to attach to your application such as a CV or project description.

- Mall Projektbeskrivning, Swedish Mining innovation 2... (docx, 54 kB)
- Mall Projektreferat - obbligatorisk, Swedish Mining inno... (docx, 28 kB)
- Mall Styrkt åtagande, Swedish Mining Innovation 2022 (docx, 32 kB)
Application documents to upload

Projektbeskrivning -> main application (all project types)

Projektreferat -> public summary (all project types) and send to program office

CVs of key personnel. *No template provided.* (i.e. coordinator, project leader, WP leaders, experts) 3 pages/person

Styrkt åtagande -> statement of committed co-financing (*from companies*)

From SMEs if applicable: Verification for SMEs (modellförsäkran), De minimis certificate
Projektbeskrivning – Project Description

• Your main application for evaluation by international expert group
• Recommend to write in English
NOTE:

- Remove the help texts in red before sending in the proposal
- Full-Scale Innovation Projects, and Pilot & Demo Projects: Maximum of twelve A4 pages, font size 12
- Pre-studies: Maximum of six A4 pages, font size 12
- You may write the application in Swedish, but it is recommended to write in English as the proposal will be assessed by international evaluators and Swedish applications will be translated by AI.

Project Type (mark X):

- [ ] Pre-study
- [ ] Full-scale innovation project
- [ ] Pilot and Demo Project
**Projektbeskrivning – Main application (slide 2)**

**Projekt titel/title** (in Swedish & English)

**The project’s aim and objectives**

Describe the specific aims and objectives of the proposed project and which of the challenges defined in the Research and Innovation Roadmap / call focus areas the proposal addresses.

*Fill in the table. You can remove lines that are not applicable.*

<table>
<thead>
<tr>
<th>Impact area</th>
<th>Mark X to all that apply</th>
<th>Suggested Key Performance Indicators (KPIs) for the proposed solution(s) with short description (required for full and pilot scale projects, optional for pre-studies)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy efficiency</td>
<td></td>
<td></td>
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<tr>
<td>Energy shift to fossil-free</td>
<td></td>
<td></td>
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<tr>
<td>Climate change mitigation</td>
<td></td>
<td></td>
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<tr>
<td>Resource efficiency</td>
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<tr>
<td>Cost efficiency</td>
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<tr>
<td>Site Remediation</td>
<td></td>
<td></td>
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<tr>
<td>Recycling &amp; circularity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Safer workplaces</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower environmental impact (air, water, land)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mining &amp; metals in society</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attractive and progressive workplaces</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other? [example]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Be specific as possible*
Potential and industrial relevance

Describe the state of the art and how the project moves beyond currently available solutions/practices. Where applicable, what is the current TRL of the proposed solution and the TRL expected at the end of the project?

Describe the expected environmental and social impacts for the mining and metals industry in Sweden and other stakeholders. Consider global impacts where applicable (e.g. technology export). Refer to the impact areas and/or KPIs.

Full-scale and pilot projects: Describe the commercialization potential and business benefit of the project, both from a Swedish and export potential where applicable.
Projektbeskrivning – Main Application (slide 4)

**Description of work**

Give clear, specific, realistic and measurable goals for the project. Describe what you will achieve and how you will achieve it. Include a timeline with deliverables and budget with explanations.

Describe key external communication actions in your project. [Note that 1 (pre-study) to 2 (full and pilot) presentations per year are expected at Swedish Mining Innovation events.]

**Work packages**

Use the table below to describe the different activities.

WP1, project coordination, is mandatory. Add work packages as needed.

<table>
<thead>
<tr>
<th>Work Package 1: Coordination</th>
<th>Person months</th>
<th>Total cost for the workpackage</th>
<th>Project partners in the WP, WP leader first</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schedule: start/end date</td>
<td>XX</td>
<td>XX</td>
<td>WP leader, Partner X</td>
</tr>
<tr>
<td>Activities</td>
<td>description of WP activities and how each partner contributes, each partner’s share of budget (%)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Deliverables**

deliverables with dates

<table>
<thead>
<tr>
<th>Work Package 2: title</th>
<th>Person months</th>
<th>Cost for the workpackage</th>
<th>Project partners in the WP, WP leader first</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schedule: start/end date</td>
<td>XX</td>
<td>XX</td>
<td>WP leader, Partner Y etc.</td>
</tr>
<tr>
<td>Activities</td>
<td>description of WP content and how each partner contributes and share of budget (%)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note the budget to input to Vinnova portal is by partner & year**
Implementation of project results

*Full-scale and pilot projects:* Describe how you plan to implement the project results. The project should show how the results could be implemented in the future or the development continued after the project is finished.

*Pre-studies:* How will the technology be developed further after the pre-study ends? What barriers, hinders, opportunities will be evaluated in the pre-study? What do you need to know at the end of the pre-study to continue or not?
Project partners and stakeholders

Describe how the project will be managed and who will participate. Shortly present the project partners and their expertise, commitment and role in the project.

If applicable also include stakeholders that are not project partners but will contribute in other ways to the project.
Gender equality and diversity

Describe how the project and the expected project results contribute to a gender equal society, and how these aspects have been included in the project plan.

Describe how the project team is composed with respect to gender distribution as well as influence between women and men.

Other aspects of diversity (e.g. age, ethnicity, background, differently-abled) that are promoted in the project.

Help with this:
- Swedish Mining Innovation Gender Education Platform (see our call page)
- Vinnova has a link in the call text and on their site on gender equality (see the call text)
- Institutes & Universities – check with your grants office for support
Letter of Commitment

Required from companies in all project types.

I

Styrkt åtagande för medverkan i projekt inom ramen för Swedish Mining Innovation

Datum

Företaget (organisationnummer) avser att inom projektet medverka med följande finansiering:

Total finansiering från företaget: xxxxxx SEK

Varav xxxxxx SEK för naturinsatser (in-kind) fördelat enligt:

- xxxxxx SEK för Personalkostnader
- xxxxxx SEK för Utrustning, mark, byggnader
- xxxxxx SEK Konsultkostnader, licenser m.m
- xxxxxx SEK Övriga direkta kostnader inkl. resor
- xxxxxx Indirekta kostnader (max 30% av Personalkostnader)

Varav xxxxxx SEK kontantinsats

För
Företaget (organisationnummer)

Namnteckning
Projektreferat

• Short summary of the project
• Send to program office (lawrence.hooey@swedishmininginnovation.se) & upload with the application in Vinnova’s portal.
• May be used by the Program Office for external communications if your project is accepted
• Do not include confidential information
• Not evaluated by the expert group
Projektreferat

The information may be used by the Swedish Mining Innovation program office for publication, e.g. on the website or Project booklet/leaflets. Do not include confidential information.

Projektreferat / Project Summary (skickas även till lawrence.hooey@swedishmininginnovation.se), max 2 A4-sida

Project type: pre-study, full-scale innovation project, pilot & demo project
Project Title (svenska):
Project Title (English):
Keywords (English):
Project total budget:
Project funding from Vinnova:
Project start – end dates:
Was SMI’s gender and diversity platform useful in preparing the application? Yes/No/didn’t use it

Project partners, including contact person with contact email & telephone, coordinator first*

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Email</th>
<th>Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

*only the coordinator’s name and partner organization names may be disseminated publically.
Projektreferat

Project abstract – general description suitable for dissemination to the public (English)
Description of project & innovation; goals of the project, importance to industry and/or society

Impact and KPI table (you can copy from application, remove any confidential/sensitive information)

<table>
<thead>
<tr>
<th>Impact area</th>
<th>Mark X to all that apply</th>
<th>Suggested Key Performance Indicators (KPIs) for the proposed solution(s) with short description (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy efficiency</td>
<td></td>
<td>optional</td>
</tr>
<tr>
<td>Energy shift to fossil-free</td>
<td></td>
<td></td>
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<tr>
<td>Climate change mitigation</td>
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<td></td>
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<tr>
<td>Safer workplaces</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Same table as in project description
Projektreferat

Deliverables and expected results (English):

Key dissemination activities (English):
Funding & Budget

- Projectbeskrivning – budget by work package
- Vinnova portal - budget by partner & year (also available to expert group)
- Funding level (% of costs that are covered by the grant) has several aspects: eligible costs, overall project limits & limits for individual organizations
# Funding for Overall Projects

<table>
<thead>
<tr>
<th></th>
<th>Maximum Funding, SEK</th>
<th>Maximum funding level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-study</td>
<td>650 000</td>
<td>75%</td>
</tr>
<tr>
<td>Full-scale innovation project</td>
<td>10 000 000</td>
<td>50%</td>
</tr>
<tr>
<td>Pilot &amp; Demo project</td>
<td>10 000 000</td>
<td>50%</td>
</tr>
</tbody>
</table>

**Example:** Pre-study applying for 650 000 SEK funding

Total budget = 650 000/0,75 = 866 667 SEK

**Minimum cofinancing** = 866 667 – 650 000 = 216 667 SEK

**Funding level** = 650 000/866 667 * 100 = 75%
Funding limits to individual organizations

Organizations that take part in their non-economic operations (icke-ekonomiska verksamhet) may receive grants with up to 100% of eligible costs.
• Typically Universities, research institutes, public sector organizations
• Possibly NGOs

Large Companies:

Table 1. Funding level limits for individual large companies

<table>
<thead>
<tr>
<th></th>
<th>Large companies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-study (Genomförbarhetsstudie)</td>
<td>50%</td>
</tr>
<tr>
<td>Full-scale Innovation project (industriell forskning)</td>
<td>50% (+15% faktiskt samarbete)</td>
</tr>
<tr>
<td>Pilot &amp; Demo project (experimentell utveckling)</td>
<td>25% (+15% faktiskt samarbete)</td>
</tr>
</tbody>
</table>
Funding limits to individual organizations - SMEs

Review criteria carefully!

Table 2. Funding level limits for small and medium-sized companies

<table>
<thead>
<tr>
<th></th>
<th>Small companies</th>
<th>Medium-sized companies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-study (Genomförbarhetsstudie)</td>
<td>70% (±10% faktiskt samarbete)</td>
<td>60% (±15% faktiskt samarbete)</td>
</tr>
<tr>
<td>Full-scale Innovation project (industriell forskning)</td>
<td>70% (±10% faktiskt samarbete)</td>
<td>60% (±15% faktiskt samarbete)</td>
</tr>
<tr>
<td>Pilot &amp; Demo project (experimentell utveckling)</td>
<td>45% (±15% faktiskt samarbete)</td>
<td>35% (±15% faktiskt samarbete)</td>
</tr>
<tr>
<td>Any project type:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>De minimis funding (Stöd av mindre betydelse)</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Aid for start-ups (Nystartade företag)</td>
<td>100%</td>
<td>NA</td>
</tr>
</tbody>
</table>

Verification for SMEs (modellförsäkran)
De minimis certificate

Max 2 MSEK over three financial years
Max 4 MSEK over 5 years after start
Recommendations

• Read the call text & supporting documents carefully to determine the fit in SMI’s aims – Strategic Innovation Roadmap

• 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 (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

Person to contact concerning the call’s focus, content and desired effects:
Lawrence Hooey, Technology and Innovation Manager, Swedish Mining Innovation
Tel: 0920-49 36 65
E-mail: Lawrence.hooey@swedishmininginnovation.se

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

Contact for questions about the online application service:
Vinnovas IT-support
Tel: 08-473 32 99
helpdesk@vinnova.se
Mining innovation for a sustainable future