



Welcome to the
information meeting

Urgent challenges within
Swedish Metals &
Minerals 2025

2025-05-22

impact innovation

Contact persons



- Jenny Köhler
- Yawer Jafri



- Lawrence Hooey

Agenda

10.00 – 10.40

About
Swedish Metals &
Minerals
and background
of the call

Apply for funding
and
Evaluation

Tip!

10:40 – 11:00

Time for
Questions

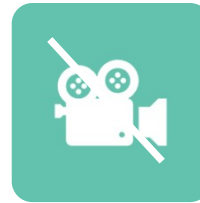
Rules of order



Mute the
microphone



Please write your
questions in the
chat



The meeting will
not be recorded



This presentation
will be available
at the calls
webbsite

Swedish Metals & Minerals

- Swedish Metals & Minerals

impact innovation

MISSION

**Enabling a sustainable and resilient
metals and minerals supply for the
societal transition**

Open Calls — closing in September

(see if the other calls better suit your idea!)

1. Impact Innovation: Research and development projects within Social Action Areas in the Metals and Minerals program

2. Impact Innovation: Research and development projects within Technological Action Areas in the Swedish Metals & Minerals program

3. Impact Innovation: Urgent challenges in Swedish Metals & Minerals

Info: 22 May and 13 June, both 10:00-11:00 (Swedish Energy Agency)

Om utlysningen

Scopedokument – Program description

Technological action areas

- Exploration and Mining
- Raw Material Resilience
- Zero Emission Processing
- New Metallurgy
- Digitalisation
- Material use and development for new applications
- Circularity
- Other Environmental priorities



About the call

The call in brief

Announced funding: approx 30 million kronor

The purpose of the call: to fund projects that aim to contribute to Swedish Metals & Minerals mission within the **Four themes:**

1. Access to critical raw materials from Sweden
2. Increased use of scrap and other secondary raw materials
3. Sustainable water management in the mining and metal production sectors
4. Reduced environmental impact from large waste streams in the mining and metal production sectors

Maximum funding: 3 500 000 kr/project

Maximum support level: 70%

Maximum project duration: 24 months

The call includes: industrial research and experimental development

Call closes: September 3 2025 (11:59 PM)

The applications are evaluated by independent experts

Decisions: November 2025

Expectations

The results of the **projects should be useful within the chosen theme, implemented, or used in the near term**, but no later than five years after the project has ended.

This does not mean that the projects need to start from a high readiness level (TRL). **Projects can involve complementing or refining existing issues, techniques, or systems with more fundamental knowledge and methods.**

The call aims to strengthen Sweden's capabilities in selected Technological action areas that:

- were underrepresented in the program's first technical call and/or
- are time-critical and therefore prioritized based on the program's mission and goals

We expect to fund 2-4 projects/theme.

Theme 1: Access to CRMs from Sweden

The goal of this theme is to increase access to critical raw materials from Sweden.

- technical development or knowledge that has the potential to increase access to critical raw materials from primary sources, including byproducts from existing operations (e.g., tailings), in a sustainable and economical way.
- **Note that recycling or substitution of critical raw materials related to finished products is not included in this theme.**
- Includes: Exploration methods, geological modeling, refining, recovery from wastes

See examples in the call text!

Theme 2: – Increased Use of Scrap and Other Secondary Raw Materials

The goal of this theme is to increase the availability and use of scrap or other secondary raw materials.

The theme includes, but is not limited to, projects that focus on:

- Developing knowledge on how undesirable substances in metal alloys affect product properties in various areas
- Increasing the use of scrap through approaches, methods, and techniques for sorting, treatment, and separation
- Analysing and optimizing scrap and secondary material flows between different sectors and industries to increase recycling efficiency, including currently unused materials
- In combination with one or more of the above or similar topics: developing knowledge on how standards and regulations affect recycling and circular flows.

Theme 3: Sustainable Water Management in the Mining and Metal Production Sectors

The goal of this theme is to reduce the environmental impact concerning water use in the mining or metal production sector or to increase knowledge about the bioavailability and environmental impact of various substances.

The theme includes but not limited to:

- Developing water management systems and environmental technology that minimize the emissions of environmentally harmful substances from the mining and metal industry's water flows, including process integration or cross-sector integration for water reuse that reduces emissions and the need for freshwater
- Substitution of environmentally harmful chemicals and consumables in processes or methods to prevent the dissolution of metals
- Increasing knowledge about the bioavailability and environmental impact of various metals and metal compounds.

Theme 4: Reduced Environmental Impact from Large Waste Streams in the Mining and Metal Production Sectors

The goal of this theme is to reduce the environmental impact related to mining waste and metal production.

The theme includes, but is not limited to, projects that focus on:

- Methods for refining, using, and managing mining waste (tailings, waste rock, slag, or sludge) to, for example, accelerated remediation, and/or land use with added value after closure. This should enable faster restoration of the land to a safe and usable state
- Valorisation of waste as a by-product in combination with reduced environmental impact

Several special conditions for approved projects

1. “omvärldsanalys” Overview: the selected projects should contribute to describing and disseminating the current state of the art, industrial challenges, and research front related to the specific area of the project:

- a report to be completed by the end of March
- a presentation at an open physical workshop later in the spring

A maximum of four to five person-weeks is expected to be needed for this, budgeted in a separate work package in the application.

2. Dialogue with Program: Maintain dialogue, present up to two times/y at SM&M events, reporting.

**See Section 8 of the call text for complete list.
You may also be assigned other conditions by Energimyndigheten**

Who can apply?

At least one partner must be a

- company operating in Sweden.

At least one part must be a research actor

- University
- College
- Research institutes

These organisations can be a part of the consortia

- Companies (legal entities)
- Public sector organizations
- Universities and college
- Research institutes
- Non-governmental organizations

Project partner

- **Project partner** refers to the organization(s) participating in the project.
- **Coordinator** is the project partner responsible for coordinating the project, receiving the funding from the Swedish Energy Agency, and distributing the funds to the other beneficiaries involved in the project.
- Costs and funding for each project partner, including the coordinator, must be specified in the application.
A project partner must finance the portion of the costs not covered by the Swedish Energy Agency's funding with its own resources or with funds from another **financier**.

**At least three
project partners
in the application**

Research and Innovation projects

**You can apply for Industrial research and experimental development
(EU COMMISSION REGULATION No 651/2014 Article 25 GBER)**

- A project may include both industrial research and experimental development
- Maximum 2 years
- Maximum 3.5 MSEK/project
- Each project can receive a maximum of 70% support level

How much funding can each project partner receive?

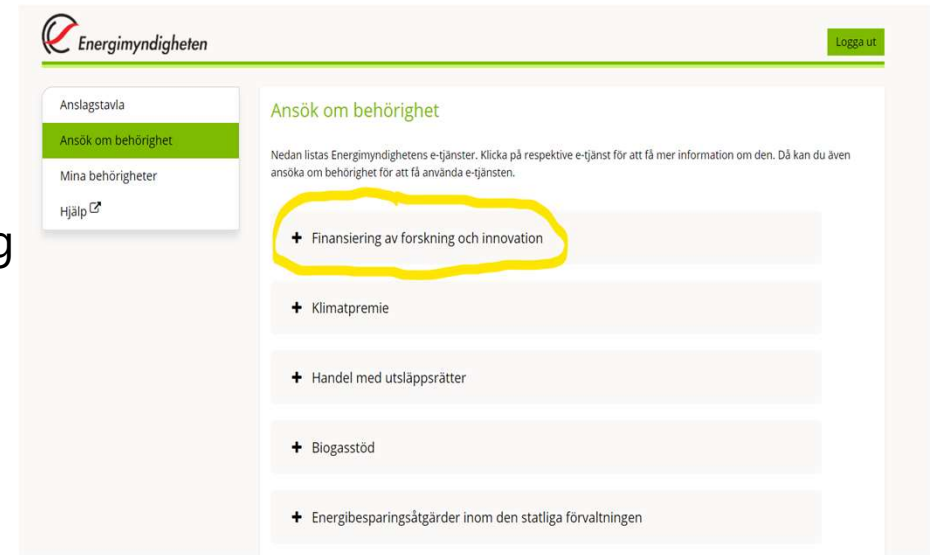
- If the project partner is a company or an organization that conducts non-economic operations (such as universities and colleges)
- If the project partner is a small or medium-sized enterprise (SME)
- Depending on the research category that the activities in the project are considered to fall under

Overview of maximum funding

Type of category	Small enterprises	Medium-sized enterprises	Large enterprises	Non-economic operations
Industrial research	70%	60%	50%	100%
Experimental development	45%	35%	25%	100%

Apply for access to "Mina sidor"

- <http://minasidor.energimyndigheten.se/>
- Apply for access to "Mina Sidor" **well in advance**
- Apply for access to "My Pages" and the form "Funding of Research and Innovation"
In the form "**Finansiering av forskning och innovation**"
- In the form "Finansiering av forskning och innovation" choose "**Brådskande utmaningar inom Swedish Metals & Minerals**"



Apply for funding

- Use "Mina sidor"
- See the manual for how to use "Mina sidor" in the "Manual för forskningsansökningar via Mina sidor"
- Write your application in English or Swedish. Applications written in Swedish may be translated into English as the evaluation will be conducted by international reviewers. Applicants will not have the opportunity to contribute to or review the translation.
- A summary of the application shall be written in both English and Swedish



Impact Innovation: Brådiskande utmaningar inom Swedish Metals & Minerals

Nu kan du få stöd för brådiskande utmaningar inom programmet Swedish Metals & Minerals, som är en del av Impact Innovation – ett initiativ av Energimyndigheten, Formas och Vinnova.

● Sista dag för ansökan

2025-09-03 23:59

Ansök om stöd

[Mina sidor](#)

[Manual för forskningsansökningar via Mina sidor](#)

Läs detta innan du söker

[Fullständig utlysningstext \(419 KB\)](#)

Bilagor till ansökan

[Mall CV bilaga \(49 KB\)](#)

[Mall avsiktsförklaring bilaga \(48 KB\)](#)

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Apply for funding

- Write everything for the application in the form except for appendices
- Attach appendices
 - CV's for the project leader and other key persons
 - Letters of Intent
- The call for proposal is available in English

Impact Innovation: Brådslande utmaningar inom Swedish Metals & Minerals

Nu kan du få stöd för brådslande utmaningar inom programmet Swedish Metals & Minerals, som är en del av Impact Innovation – ett initiativ av Energimyndigheten, Formas och Vinnova.

Sista dag för ansökan 2025-09-03 23:59

Utlästa medel Cirka 30 miljoner kronor

Syftet med utlysningen är att bidra med lösningar för att uppnå brådslande utmaningar inom Swedish Metals & Minerals.

Genom finansiering av korta tematiska forsknings- och innovationsprojekt ska programmet stärka Sveriges förmåga inom några av programmets tekniska insatsområden.

Vad kan du söka stöd för?

Du kan söka stöd för projekt inom följande fyra teman:

- Tillgång till kritiska råmaterial från Sverige.
- Ökad användning av skrot och andra sekundära råmaterial.
- Hållbar vattenhantering inom gruv- och metallproduktionssektorerna.
- Minskad miljöpåverkan från stora avfallsströmmar inom gruv- och metallproduktionssektorerna.

Högst tillåtna stöd per projekt är 3,5 miljoner kronor och projekten kan pågå som längst 2 år.

Vem kan söka?

Energimyndigheten vänder sig i denna utlysning till:

- företag (juridiska personer)
- offentlig sektor
- universitet och högskolor
- forskningsinstitut
- icke statliga organisationer.

Ansök om stöd

- Mina sidor
- Manual för forskningsansökningar via Mina sidor

Läs detta innan du söker

- Fullständig utlysningstext (419 KB)

Bilagor till ansökan

- Mall CV bilaga (49 KB)
- Mall avsiktsförklaring bilaga (48 KB)
- Intyg om stöd av mindre betydelse
- Intyg om tidigare innovationsstöd till små och medelstora företag

Bilaga till programkontoret

- Mall Sammanfattning till programkontoret.docx (52 KB)

Mer information

- Kommissionens förordning (EU) nr 651/2014
- Förordning (SFS 2008:761) om statligt stöd till forskning och utveckling samt innovation inom energiområdet
- Användarhandledning om definitionen av SMF-företag
- Utläsningsstext på engelska

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Time schedule

Call closes	3 September 2025, 23:59 (support until 4 PM)
Decisions planned	November 2025
Project start	November 15 - December 1, 2025
Project must be completed by	December 1, 2027
Project duration	Maximum of 24 months.

Evaluation process

Evaluation process

- Applications are assessed **in competition** with other submitted applications.
- Each theme will be evaluated separately
- The Swedish Energy Agency uses an external evaluation panel that acts in an advisory capacity to the agency.
- The evaluation panel may include international (non-Swedish speaking) experts. If so, applications in Swedish will be machine translated to English. You will not be able to review the translation.
- Each application will be reviewed by three independent experts. The evaluation results in **a recommendation to the Swedish Energy Agency**, which forms the basis for the agency's funding decision.
- The Swedish Energy Agency makes the final decisions.
- The agency's decision to approve or reject an application can't be appealed

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2,7	2,3	1,7	2,7
4,7	4,3	3,7	3,7
3,3	3,7	3,7	4,0
3,7	3,3	4,0	4,3
3,3	3,0	2,3	3,0
2,3	2,0	2,7	2,7
2,7	3,3	3,0	3,3
4,7	4,3	4,0	3,7
3,8	2,8	3,5	2,8
3,0	3,0	4,5	3,5
3,3	2,3	1,7	2,3
3,3	3,3	3,0	2,7
3,3	4,0	4,0	3,7
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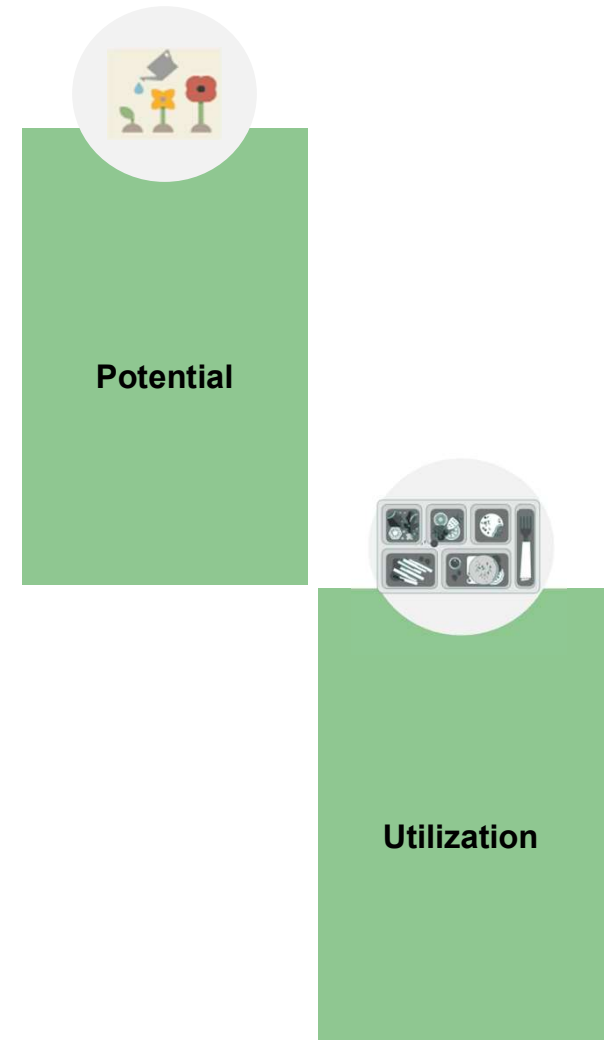
Potential and Utilization

Potential

- The proposed project's potential to contribute to the goal of the chosen theme.
- The extent to which the project results can be useful within the chosen theme, implemented, or used within five years after the project is completed.

Utilization

- The degree to which the actors expected to create direct benefit or use of the project's results (end-users), i.e., the actors who can "take the next step," are involved in the project. They should be involved in the project in such a way that the delivery of project results can be adapted to the end-users.



Novelty and extent of innovation

- The extent to which the project proposal and its approach are new compared to previous attempts to address the same challenge(s).
- The extent to which a successful project result has the potential to be better than the state-of-the-art available techniques, methods, or knowledge.
- The extent to which the project results contribute to new knowledge required within the project's theme.

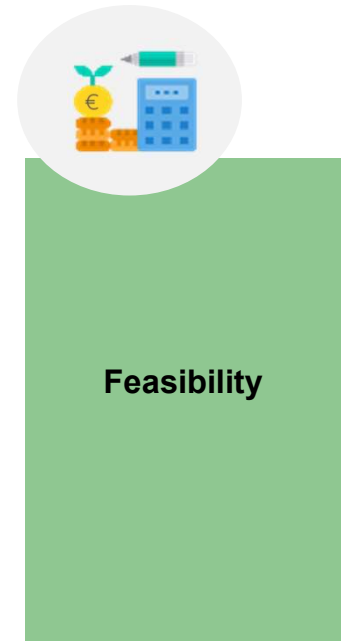


**Novelty and
extent of
innovation**

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Feasibility

- The extent to which the project description contains clear goals and deliverables that address the project's issues, are trackable, and can be achieved through the project's implementation.
- The extent to which the project description shows that the project's schedule and activity plan:
 - Contains activities that comply with the definitions of industrial research or experimental development
 - Is appropriate given the project's goals and ambitions.
 - Is logical and reasonable given the available resources (budget, competence, equipment, etc.) in relation to what is to be carried out.
- How well the application identifies the risks involved in the implementation and describes a plan for appropriate management of these.



Actor Constellation

- The extent to which the application shows that the participating organizations and key individuals have the competence required to successfully carry out the project (including subcontractors or other actors connected to the project but not project partners, e.g., in reference groups).
- The extent to which gender and equality have been considered in the composition of the project group, in the selection of the project manager, and in the project's implementation, content, as well as its goals and effects.



**Actor
Constellation**

Tips!

Tips!

- **Start early!**
Don't be one of those who miss the deadline by just a few minutes.
No additions will be accepted after Sep 3 at 23:59.
- Apply for access to **"Finansiering av forskning och innovation"** via **"Mina sidor"**
It may take a couple of days to receive access.
- **Read the call text carefully!**
You are welcome to email the functional mailbox or call, but most answers can be found in the call text or the manual for "Mina sidor".

Contact

For questions about the selection process as well as legal requirements and formal conditions, contact:

Call Manager at Energimyndigheten

Jenny Köhler

impactinnovation@energimyndigheten.se

For questions regarding the background of the call and the desired impacts, contact:

Call responsible at the programme office
Swedish Metals & Minerals:

Lawrence.hooey@swedishmetalsandminerals.se

Questions?

Informationsmöte number 2: 13 juni, 10-11 AM
Sista dag för inlämning av ansökan är September 3, 2025
We will give you support until 16:00 the day the call closes.

Welcome to contact us!

Additional slides

What type of costs can we fund?

Our funding may only be used for certain types of costs. These are called eligible costs.

- **Personnel costs:** Salaries, social security contributions, and other personnel-related fees
- **Instruments, equipment,** for the period used for the project. Where such instruments and equipment are not used for their full life for the project, only the depreciation costs corresponding to the life of the project, as calculated on the basis of generally accepted accounting principles are considered as eligible.
- **Equipment, land, and buildings:** rent for premises other than the regular place of business
- **Consultancy and license costs:** Consultancy services, knowledge, and patents that have been purchased or licensed from an external party
- **Other direct costs:** For example, materials, supplies, and travel necessary for carrying out the project
- **Indirect costs (overhead):** Costs that are not incurred as a direct result of the project but can be related to it
 - Academic work 100% overhead
 - Research institutes that perform the research in their non-economic activities maximum 45%
 - Economic activities (for example enterprises) maximum 30%

Support for international project partners

The Swedish Energy Agency is restrictive when it comes to providing research funding to actors that do not have operations in Sweden. Exceptions may be made if all of the following criteria are met:

1. It can be demonstrated that the actors without operations in Sweden possess **unique expertise** that is not available among actors in Sweden.
2. The project partner is essential for achieving the objectives of the program.
3. There is a **clear potential for knowledge transfer** to actors in Sweden.

The Swedish Energy Agency may deny funding to actors without operations in Sweden even if all of the above criteria are considered to be fulfilled.

Economic or Non-economic activities?

- In general, most limited companies (AB) engage in economic activity.
- It is not the legal form (e.g., limited company, partnership, association, foundation, etc.) that determines the classification, but rather
- the **only relevant criterion** for assessing whether an actor is considered to be engaged in economic activity (and thus regarded as an undertaking) is **whether the actor offers goods or services on a market.**
- For example, the intention to make a profit is not a decisive factor in this assessment—**non-profit actors can also offer goods or services on a market** and therefore be considered undertakings.
- Applicants must therefore assess for themselves whether their activities involve offering goods or services on a market.
- The burden of proof lies with the applicant

Co-financing

- A project partner must finance the portion of the costs not covered by funding from the Swedish Energy Agency with their own resources or with funds from another financier.
- The total public funding for the same eligible costs may not exceed the maximum permitted aid intensity levels.
- Public funds refer to funding from national, regional, or municipal sources.
- Mark the support as public funding in the application form if a beneficiary has received other public support, such as other national, regional, or municipal funding, or if you have received centrally managed EU funding for the same costs for which you are applying for support from the Swedish Energy Agency.