

Roadmap for Metals and Minerals

Presenter

Karin Byman, IVA

Project Manager

Karin Byman, IVA

Partners

No partners.

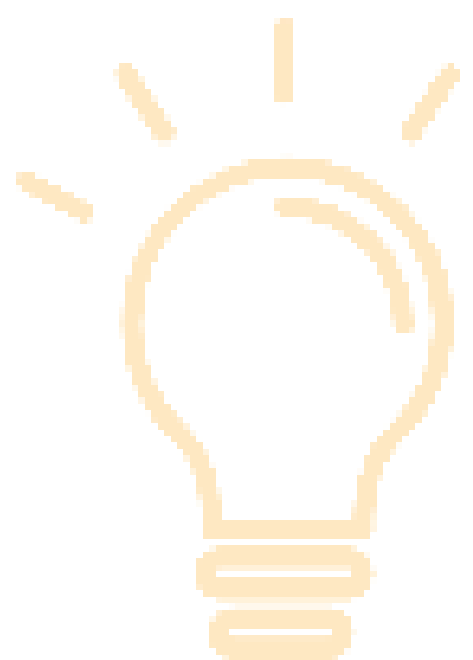
But we have 70 external experts engaged in the project.



Program Day 2023

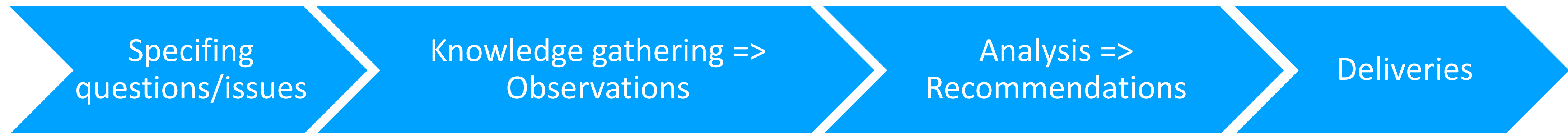
Goals of the project "Roadmap for Metals and Minerals"

- The demand for metals and minerals will increase due to electrification and digitalisation.
- Europe is highly dependent on global value chains for its supply of metals and minerals.
- The project aims to discuss and analyse how to secure Sweden's and Europe's long-term needs for metals and minerals to sustainably meet the climate goals.
- The goal is to increase knowledge and mutual understanding of different perspectives among various stakeholders, to achieve better decisions by politicians and other key decision-makers.



Project Plan

Q1-23 Q2-23 Q3-23 Q4-23 Q1-24 Q2-24 Q3-24



- Staffing expert groups
- Preparing key issues for each group

- Project launch
- Hearings with the political reference group
- Hearings with the international reference group
- Internal presentations and discussions within the expert groups
- Literature studies

- Joint analysis in the expert groups
- Exchange with the steering group
- Meetings with politicians
- Meetings with the international reference group

- Independent reviews of reports
- Launch of reports
- Seminars
- Press/media



Project results so far

The project is now in a work-intensive phase and has not yet launched any official results. Reports and observations is on its way, and the internal discussions are intense and educational for all participants.

Sneak peek:

- The whole world is dealing with these issues right now, and no country will manage by itself. The value chains are too complex.
- Sweden has a role to play, in EU but also on the international market.
- There are lack of knowledge in many areas - from circular business models to metallurgical processes.
- We need to change our approach to waste and see it as a valuable resource.



Dissemination

Completed

- 16 Mar Project launch
- 19 Apr Hearing: Political reference group.
- 16 May Hearing: International reference group
- 12 Sep Hearing: Swedish Research and Innovation Council
- 28 Sep Seminar: Rare Metals and Great Power Rivalry (with Svemin, FOI)
- 5 Oct Hearing: International reference group
- 25 Oct Hearing: Political reference group

Planned

- 2 more hearings: Political reference group
- 2 more hearings: International reference group
- 14 Feb (TBC) Seminar on Value chains
- 13 or 20 Mar: Seminar on Circular flows
- 12 Jun (TBC) International seminar
- Sept: Closing seminar
- Teachers training and teaching material

Plus, dozens of meetings with the steering and expert groups.



Next Steps

To complete the work within the three expert groups; “Extraction”, “Circular flows” and “Politics and public acceptance”.

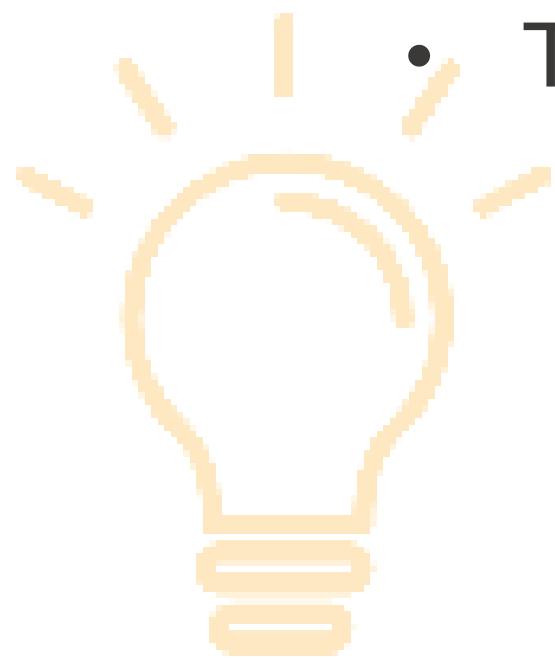
To prepare for releases of reports and seminars during spring.

To write the synthesis report, analysing and finalising our observations and recommendations.

Final report and seminar in early autumn 2024.

Post-communication –

- Teachers training and teaching material.



Mining innovation for a sustainable future