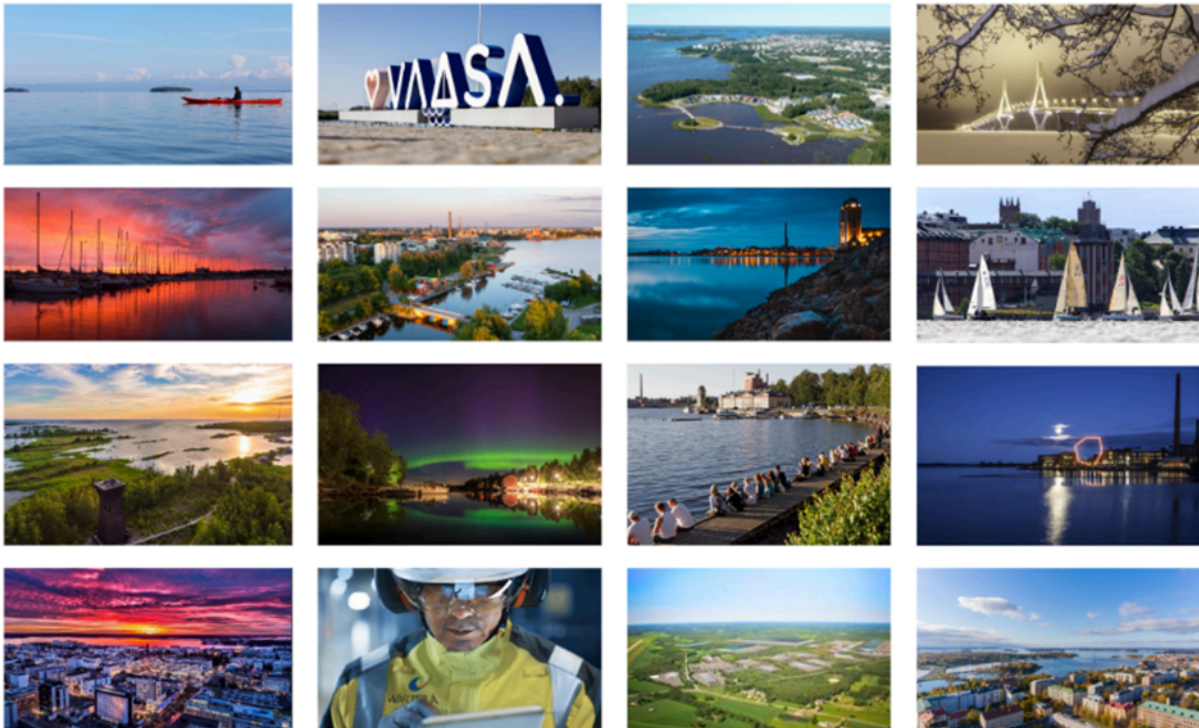




# Course PROGRAMME

## Battery Raw Materials and Recycling

13-15th May 2025  
Vaasa, Finland



*Last update: 13/05/2025*

# Preliminary Face to face course PROGRAMME

The program is subject to change due to unforeseen circumstances involving the companies or speakers.

## Monday, 12.5.2025

Arrival and accommodation for participants, Monday	
Hotel: Astor, <a href="#">Charming Hotel Astor is located in the center of Vaasa.</a>	
15:00 – 17:00	Meeting for Project Partners Address: Vamia, Ruutikellarintie 4 , Room ERNST 2nd floor
19:00	Dinner for project partners and course participants Restaurant Venn - <a href="#">VENN Vaasa</a>   <a href="#">Raflaamo.fi</a> . Shopping center Rewell, Own expense

## Tuesday, 13.5.2025

Location: Vamia, Silveria auditorium,  
Ruutikellarintie/Krutkällarvägen 4

08:30	Walking to Vamia , Silveria (2km)
09:00	Reception/registration Silveria - auditorium
09:30	Welcome (program & practical issues) - Katarina Sandbacka, CaBatt (Project Coordinator) - Johan Lindman, Vamia (Vice Principal)
10:00	Scope and Goals of the teachers & trainers forum - Katarina Sandbacka, CaBatt
10:15	Short presentation of the participants <i>moderated by Katarina Sandbacka, CaBatt</i> (each participant is presenting themselves, their organization, connection to the battery industry and why they want to participate in the forum - no PPT presentations. only 1 minute.)
11:00	Coffee break
11:30	Energy Vaasa and GigaVaasa - plans and synergies of battery material plants and Energy Vaasa, Marko Kuokkanen, GigaVaasa, CEO Merinova Technology Centre
11:45	Guided Bus tour around the GigaVaasa area with Marko Kuokkanen, GigaVaasa, CEO Merinova Technology Centre

13:00	Lunch at Vamia training restaurant Silveria
14:15-15:00	Lecture 1: Cathode material production <i>Tomi Vuollet, Freyer Batteries</i>
15.00-15.15	Coffee
15.15 -16	Lecture 2: Anode material production <i>Heli Rasimus, Epsilon advanced materials</i>
16-17	Safety around battery materials, On-line <i>Kim Sundell, Environment, Health and Safety Manager at Umicore Finland Oy</i>
17.17.15	Summary and instructions for the following day
19.00	Dinner – Restaurant Strampen <a href="#">English - Strampen</a> Rantakaku/Strandgatan 7V, Own expense

Wednesday, 14.5.2024

Location: Kokkola

08:00	Pick-up at the hotel Bus trip to Kokkola
09:30	Arrival at KIP – registration
10.00 -10.45	Welcome and presentation of the KIP industrial area <a href="#">The largest inorganic chemical industry ecosystem in Northern Europe   KIP - Kokkola Industrial Park   KIP - Kokkola Industrial Park</a> Coffee
11 – 11.30	Guided tour by bus around the KIP area
11:30	Lunch in staff refectory – included
12:45	Visit to Jervois - leading provider of cobalt-based products <a href="#">Overview - Jervois Finland</a>
14.00	Visit to Keliber – Lithium refinery <a href="#">Keliber   Europe - Sibanye-Stillwater</a>
16.00	Driving from Kokkola to Meri Björkö, Coffee stop at Fjärdens Kaffestuga in Oravais. (included)
18:30	Dinner and Sauna – MeriBjörkö Archipelago and cottage food (included)

Thursday, 15.5.2025

Location: Vamia, Sampo campus  
Sepänkyläntie 16

09:00	Walking to Vamia Sampo auditorio. 1,2 km from the hotel
09:15	Recycling of Batteries Fortum: <i>Peik Ekman, R&amp;D Manager at Fortum Battery Recycling Oy</i> <a href="#">Battery Recycling   Fortum</a>
10.15	Coffee Break
10:30	Future batteries and battery materials <i>Aalto University, Finland: Sara Pakseresht, Post doctorate research fellow, Batteries</i>
11:30	Wrap up:  Information about the next Batt Teachers Forum in Czech Republic.  Evaluation of the event  Certificates of participation <i>Katarina Sandbacka, CaBatt</i>
12:00	Lunch in student and staff refectory (included)
12.40 -12.55	Short introduction to Finnish VET and instructions on the guided tour and learning café
13.00-15.30	Combined guided tour of Vamia departments of technology and learning café workshop  Coffee in the automotive department
15.30	Thank you, and goodbye! – Have a safe journey home!

## Getting to Vaasa and around



You can travel to Vaasa by plane, ship or by train.

**Note:** Finland has Eastern European time (EET) that means that we are on hour ahead of Central European Time (CET)

### By plane

Vaasa has its own airport situated approx. 10 km from the city center.

You can fly to Vaasa from Helsinki by Finnair or by SAS from Stockholm.

There are three flights from Helsinki to Vaasa daily and three flights from Vaasa to Helsinki. There is one flight from and to Stockholm daily.

On the weekend there are less flights.

The flight takes approx. one hour.

You need to be at Vaasa airport 1 hour before the flight.

### Transport from the airport

#### Taxi

The easiest way to travel from the airport is by taxi:

Sometimes it may be difficult to get a taxi but you can order the taxi beforehand.

You can order the taxi beforehand on this number +358 600 30011

The price for a taxi is approx. 35€ for a taxi that takes 4 persons. Travelling with taxi in Finland is safe and you do not need to worry about which taxi you pick.

## Bus

There is a bus leaving the airport once an hour. It takes approx. 30 min to the city hall which is in the middle of the city center and close to the hotels. The last bus leaves the airport at 21.00. The price is approx. 6€/person.

## By train

You can take the train from Helsinki airport to Vaasa. You will change train at Tikkurila. The train takes 3-4 hours depending on the train. The trains in Finland are comfortable and offer free wifi and a restaurant car. The train station is located at the heart of the city in Vaasa.

Check out train schedules from [Welcome on a journey together with us - VR](#)

If you are planning to visit Helsinki during your trip taking the train is a comfortable option taking you from the city center to the city center in 3,5 h.

## Accommodation

We have prebooked accommodation for the event at family run hotel Astor to a special price of : 113€/room/night. [Charming Hotel Astor is located in the center of Vaasa.](#)

The hotel is opposite the train station, 10km from the airport and 2 km walking distance to Vamia. [Charming Hotel Astor is located in the center of Vaasa.](#)

You will have to book your own hotel rooms with Astor before 12.4.2024 .

The booking has to be done by mail [astor@astrovaasa.fi](mailto:astor@astrovaasa.fi) or by phone +358 6 3269111 by mentioning the code CaBatt. Do not try to book online as you will not get the special price then.

## Getting from the hotel to the venues and back

**Venue day 1:** Vamia, Silveria building, Ruutikellarin tie 4.  
The venue is 2 km from the hotel and takes 30 min to walk

**Venue day 2:** You will be picked up from the hotel by bus. The trip to Kokkola is 120km

**Venue day 3:** Vamia, Department of Technique, Sepänkyläntie 16  
The venue is 1,3km from the hotel and takes 20 min to walk

If you have questions or need help, you are welcome to call us.

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- Sanna Kangasvieri + 358404841095



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