

Welcome to the webinar

Capacitating VET Teachers Across Borders

25.11.2025 at 13-14.30 CET

By the CaBatt project

The model is built for capacitating teachers in the Battery Industry but can be applied to any industry or field

In cooperation with:

Voltage



AUTOMOTIVE
SKILLS
ALLIANCE

Agenda

1. **Welcome** (*Moderator Tore Karlsson, Sweden*)
2. **Project Presentation** (*Project coordinator, Katarina Sandbacka, Finland*)
3. **Courses and events** (*by Hege Fjeld, Norway*)
4. **Round table – Impact and Results of the project** (*Moderator, Joao Alves, Portugal*)
 - Joao Costa, Principal, ATEC, Portugal
 - Stanislav Hackl, Skoda Auto, Electro Mobility Trainer, Czech Republic
 - Gregor Nicolic, VET teacher, SERŠ Maribor, Slovenia
 - Sigurður Svavar Indriðason, VET teacher, Idan educational and training centre, Iceland
 - Jakub Stolfa, Assistant professor and President for ASA, Ostrava Technical Univeristy, Czech Republic
5. **Synergies and cooperation with other projects** (*Marek Spanyol, Czech Republic and Helen Stensson, project coordinator – Voltage CoVE project*)
6. **The sustainability of the Cabatt project model** (*Katarina Sandbacka, Finland*)
7. **Closing words** (*Moderator Tore Karlsson, Sweden*)

Housekeeping Rules

All participants will be muted

Questions can be posted in the chat — we will do our best to answer them during the event.

If you would like to contact the project coordinator after the event:

katarina.sandbacka@vamia.fi

Keep your cameras turned off

Please answer our feedback questions in the end

ATTENTION: This webinar will be recorded

Background



The Alliance for Batteries Technology, Training and Skills (ALBATTS)

Erasmus+ (Alliances for Sectoral Cooperation on Skills) – Blue print

12/2019 – 05/ 2024

[Project ALBATTS](#)

1

WHAT IS ONGOING IN THE BATTERY SECTOR
AND HOW DOES IT AFFECT JOB ROLES & SKILLS?

2

HOW CAN WE ADDRESS CURRENT
CHALLENGES?

With Education and Training

Cabatt - Capacity Building for Battery Teachers in Vocational Education and

Duration: 1.9.2023-31.12.2025

Project : 2023-1-FI01-KA220-VET-000160282

Budget: € 250 000 Lumpsum

<https://project-cabatt.eu/>

09/2023 -12/2025

[Cabatt](#)

Partners:



vamia Coordinator



atec



Fagskolen Vestland



Skellefteå kommun



**VSb TECHNICAL
UNIVERSITY
OF OSTRAVA**

Why CaBatt?

The CaBatt project emerged from **needs identified during the ALBATTS initiative**:

- To ensure the sustainability of selected results from the ALBATTS project (how to build a sustainable model of cooperation)
- Addressing the needs for sustainable teacher development in the battery industry. More specifically:

The need for sustainable, high-quality quality and state-of-the-art training for teachers in the battery industry

The need to gain English and multicultural skills for Vet teachers in the battery sector

The need to provide an understanding of the Battery sector at a European level among Vet teachers

The need to give Vet teachers in the Battery industry the possibility to form networks and work together with peers

The need to give Vet teachers in the Battery industry access to visit companies within the battery industry

The need to provide European recognition of Teachers' competences to train in the battery by providing badges

CaBatt Aims

1

Sustainable Training Model

Develop and pilot a replicable, sustainable framework for organising Teacher Trainer Courses, designed for VET educators across Europe.

2

High-Quality Thematic Courses

Create and deliver five state-of-the-art courses eligible for Erasmus+ Key Action 1 funding, each focusing on specific segments of the battery value chain.

3

Blended Learning Approach

Combine online and physical training formats to maximise accessibility and engagement for VET teachers, trainers, and education professionals.

5 Courses



Maritime sector
and Batteries



Battery
production



Stationary
Batteries



Raw materials
and recycling



Automotive
mobility sector

4

Evidence-Based Design

- The courses and the events are based on the results and the needs found in the ALBATTs project

5

Community Building

Unite current and future teachers and trainers to exchange ideas, share best practices, collaborate, and deepen sector knowledge (EQF levels 3-5).

Course Structure Overview



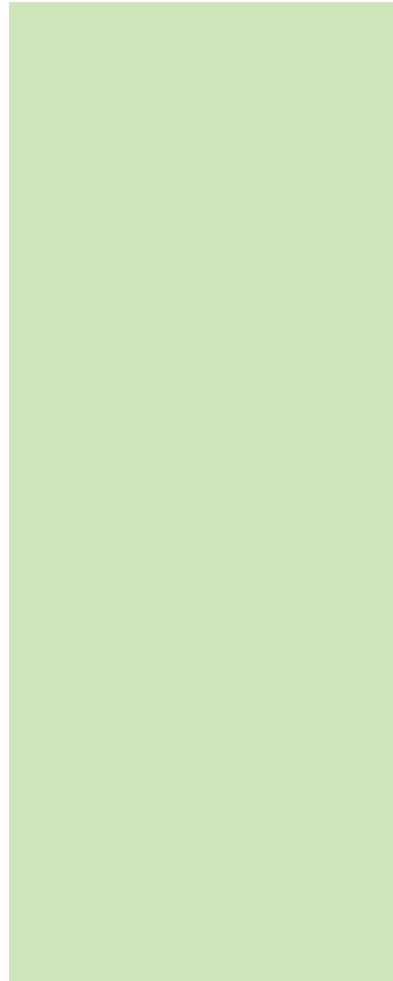
Part 1: Online Training



Part 2: Physical Course



Certification & Recognition



Course Structure Overview



Part 1: Online Training



Part 2: Physical Course



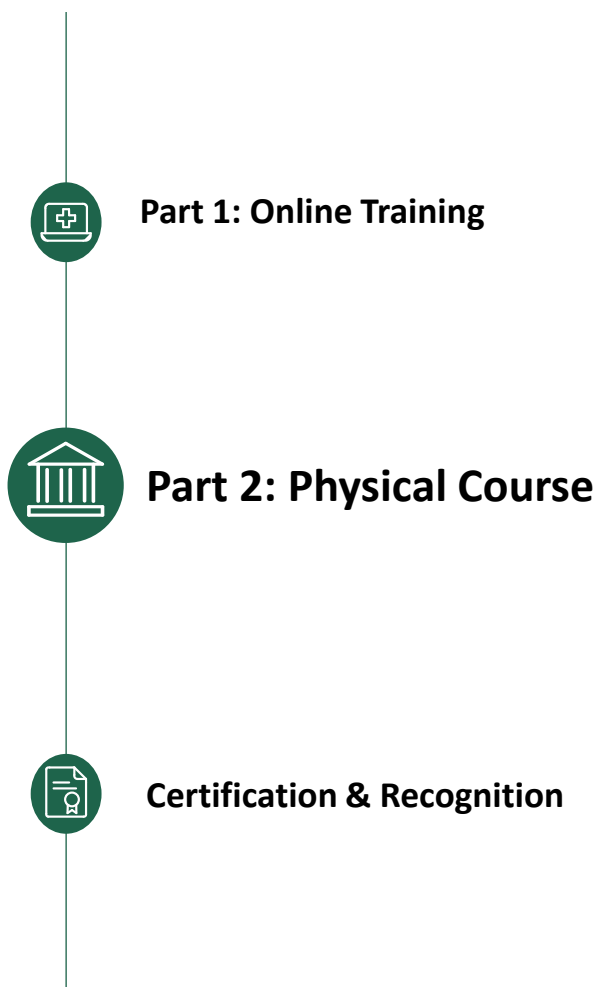
Certification & Recognition

Duration: Approximately 16 hours total

- Two live webinars (2 × 4 hours each)
- 8 hours of structured self-study activities
- Delivered via Microsoft Teams and Skills Learning Platform

Focus: Battery value chain fundamentals, English terminology mastery, and key industrial processes. This foundation prepares participants for maximum engagement during the physical component.

Course Structure Overview

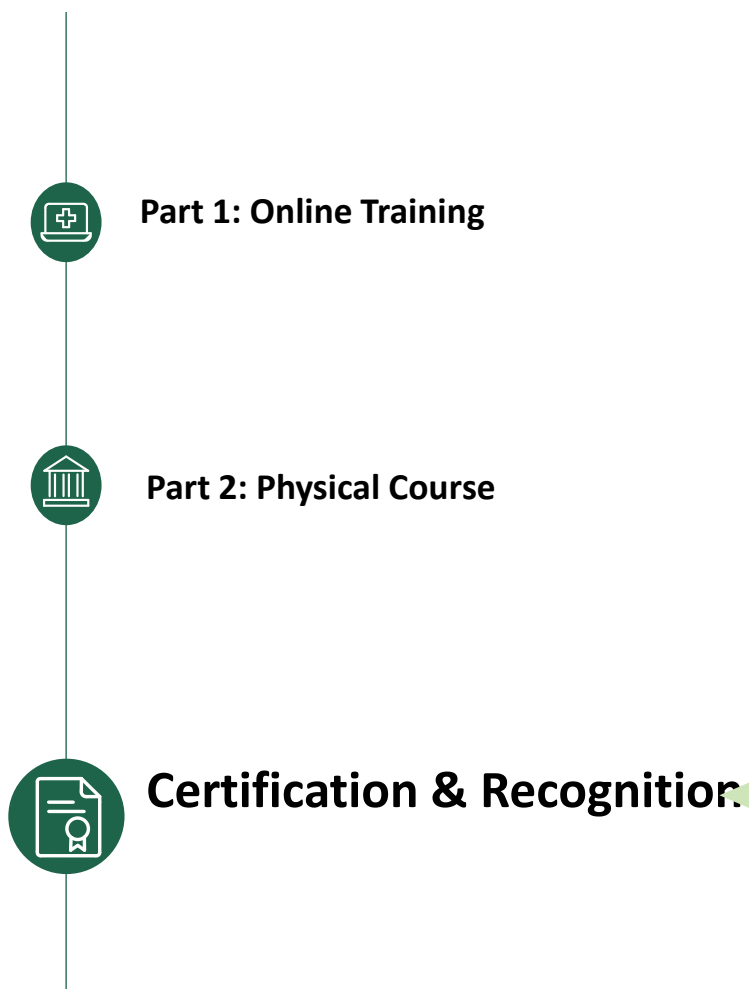


Duration: 3 intensive days

- Hosted in partner countries (Norway, Sweden, Portugal, Finland, Czech Republic)
- Interactive lectures, hands-on workshops, and peer networking
- Company site visits and industry expert presentations
- Approximately 30 European VET teachers and trainers per session

Immersive experience connecting theory with real-world industrial practices.

Course Structure Overview



Requirements: Successful completion of both online and physical components

Credentials: Digital badge and official certificate

Fully recognized within the Erasmus+ mobility framework, adding valuable professional credentials to participants' portfolios.

Course Information

Course Structure

Every course within the CaBatt model features clearly defined learning outcomes, ensuring that participants understand exactly what competencies they will develop. In addition, it determines the content of the courses.

Delivery and Support


- **Language:** All courses delivered in English to facilitate international collaboration
- **Platform:** Microsoft Teams for live sessions combined with our dedicated Learning Platform at learn.skills-hub.eu
- **Expert trainers:** From VET institutions, academic research, and industry practice
- **Target audience:** VET professionals primarily working in technical and vocational fields
- **Technical requirements:** Personal computer with a reliable internet connection and a headset for optimal participation







Logistics and Funding


- During the project period, participation in both online and face-to-face components was provided **free of charge**. Moving forward, Erasmus+ course fees may be applied for future arrangements to ensure sustainability.
- Participants were responsible for their own travel, accommodation, and meal expenses. However, these costs are typically covered through Erasmus+ mobility funding, making international participation accessible and feasible.
- Each host institution provided comprehensive guidance on travel arrangements, accommodation options, and local logistics. Upon enrolment, participants received full access to all course materials, resources, and digital platforms to support their learning journey.

Platform

<https://learn.skills-hub.eu/>

 Learning Platform






Teachers and Trainers Forum

BaTT Forum – Battery Stationary Applications

Published




Teachers and Trainers Forum

BaTT Forum – Course on The Automotive Industry and Batteries

Published

Welcome to join and learn more about the The Automotive Industry and Batteries, together with European peers. You will learn the basics about vehicle battery production & integration, E-mobility technologies, vocational education & training approaches in OEM, Industry-education collaboration, Skills for green & digital transition. The learning will happen through an on-line course with webinars and by meeting in person in Ostrava and Nošovice, Czech Republic on 01-03/10/2025, where you will participate in lectures and workshops, and also visit VSB Technical University of Ostrava, Hyundai and other.



Teachers and Trainers Forum

BaTT Forum – Maritime Sector and Batteries

Published

100% complete

Results and Impact

The CaBatt project successfully brought together VET professionals from across Europe, creating a truly international learning community. This geographical diversity enriched discussions, facilitated knowledge exchange, and established professional networks that extend beyond the project's duration.

183

Individuals Trained

VET professionals from 26 different organisations across Europe

85

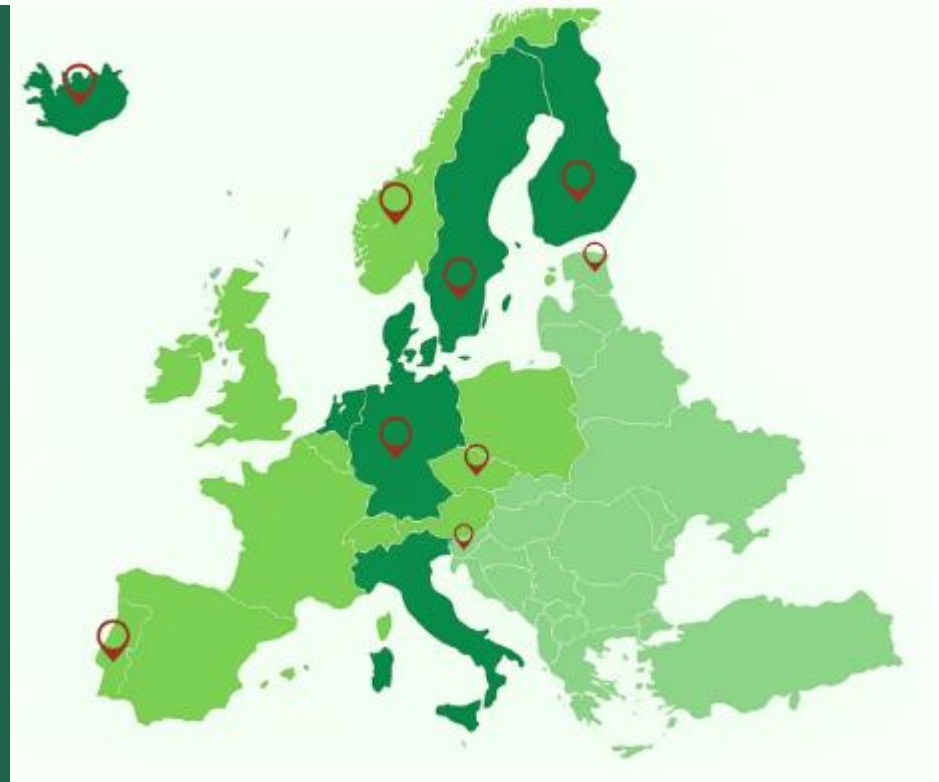
Course Participants

Total number of course enrolments across all training modules

67

Expert Trainers

Specialists from 36 organisations providing high-quality instruction



Course participants from 9 countries

Project partner countries

Finland, Sweden, Norway, the Czech Republic, and Portugal

5 Courses



Maritime sector
and Batteries



Battery
production



Stationary
Batteries



Raw materials
and recycling



Automotive
mobility sector



Co-funded by
the European Union



Round table

Impact of the project



João Alves

Moderator



João Costa

ATEC – Training
Academy



**Stanislav
Hackl**

Škoda Auto



**Sigurdur
Indriðason**

Idan educational and training
centre



Gregor Nikolić





SERŠ Maribor



Jakub Stolfá

Technical University of
Ostrava & Automotive Skills
Alliance

Synergies and cooperation with other projects

			
<ul style="list-style-type: none"> Needs for the CaBatt Project Content and course material 	<ul style="list-style-type: none"> Learning platform Badges Marketing 	<p>Course content on Digital Product Passport DPP</p>	<p>Course content on Circular economy</p>
			
<p>Course content on automotive</p>	<p>Course content on cybersecurity</p>	<p>Has used the model and material of CaBatt for their events</p>	<ul style="list-style-type: none"> CoVE project Models for courses from CaBatt Teachers Forum and Train-the-Trainer model from CaBatt

Future Skills for the Battery Industry

✓ Voltage

Framework to Ensure Competence Supply for the Battery sector

DATE: 2025-11-25

Helene Stensson, Project Manager Voltage, Göteborgsregionen

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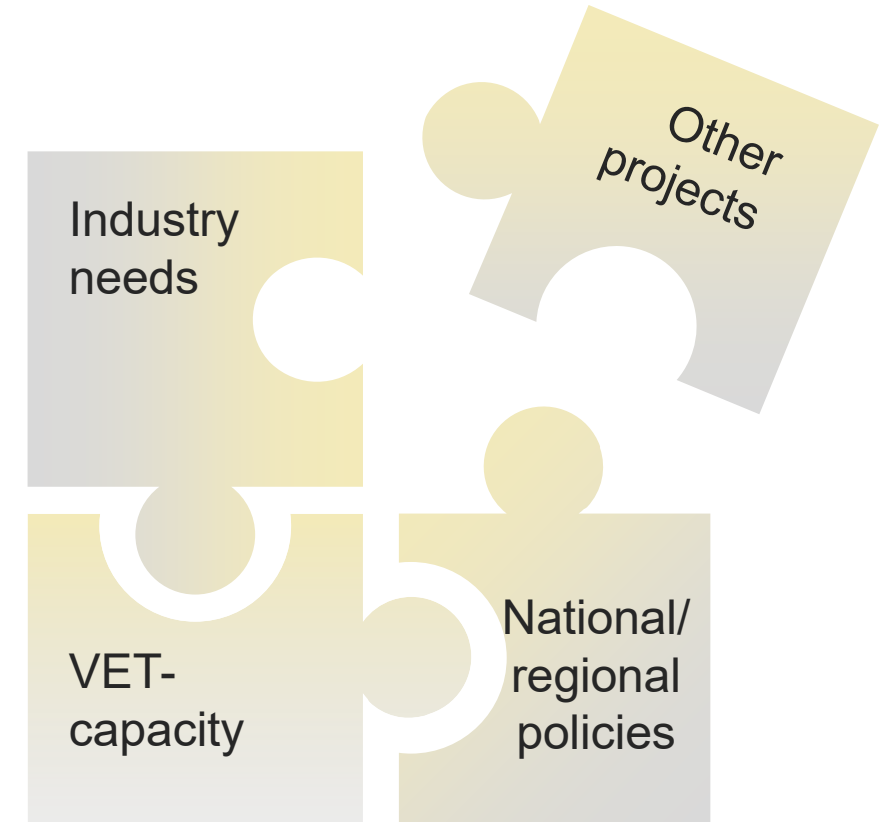
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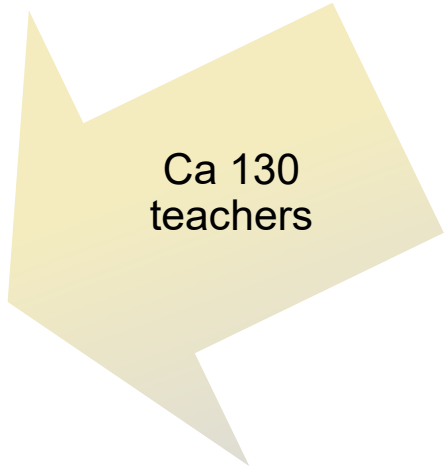
Voltage platform

Voltage - A Center of Vocational Excellence (CoVE)

The Voltage project is a collaborative effort to enhance vocational education and training (VET) in the battery industry.

Mission: Building a skilled workforce to meet the growing demands of the battery sector.





Ca 130
teachers

Train the trainer

- 3 events in 3 regions – different focuses
- 2 trainers from each VET partner (ca 15 teachers/event)
- Regional/in country implementations - 6 occasions in total (5-15 teachers/event)
- Example: Battery cell manufacturing, Gothenburg June 2025, Battery Center Gothenburg.
- Example: Swedish and German teachers in Cabatt/Albatt (Vaasa, Porto and Ostravia).

Teachers' Forum

- Sharing best practices
- Sharing content
- Forum dialogues
- Webinars

VOLTAGE TEACHERS FORUM

Home / Courses / Teachers A... / Voltage Te... / Enrolment ...

Enrolment options



Teachers and Trainers Forum

Voltage Teachers Forum

The Voltage Teachers' Forum on Battery Technology in VET Institutions endeavors to empower educators with the knowledge, resources, and networks needed to deliver high-quality, industry-relevant education in this rapidly evolving field. By fostering collaboration and innovation, we aim to equip VET institutions with the tools to prepare the workforce of tomorrow for the challenges and opportunities presented by battery technology.

45
2

Skill cards /job profiles

- Developing existing skill cards
- Regional context
- Validation
- New teaching modules, courses and curricula

The sustainability of the CaBatt project model and its potential for strengthening teacher capacity across disciplines



Arranging Your Own Erasmus+ Courses

Funding and Requirements

- To qualify for this funding, Erasmus+ Key Action 1 (learning mobility of individuals) provides funding for short-term professional development courses lasting between 2 and 10 days. The programme covers participation fees up to €80 per day, facilitating quality VET teacher training accessible across Europe.
- To qualify for this funding, courses must comply with the **Quality Standards for courses under Key Action 1**. The CaBatt model has been designed to meet these standards, providing you with a proven framework that satisfies all Erasmus+ requirements.

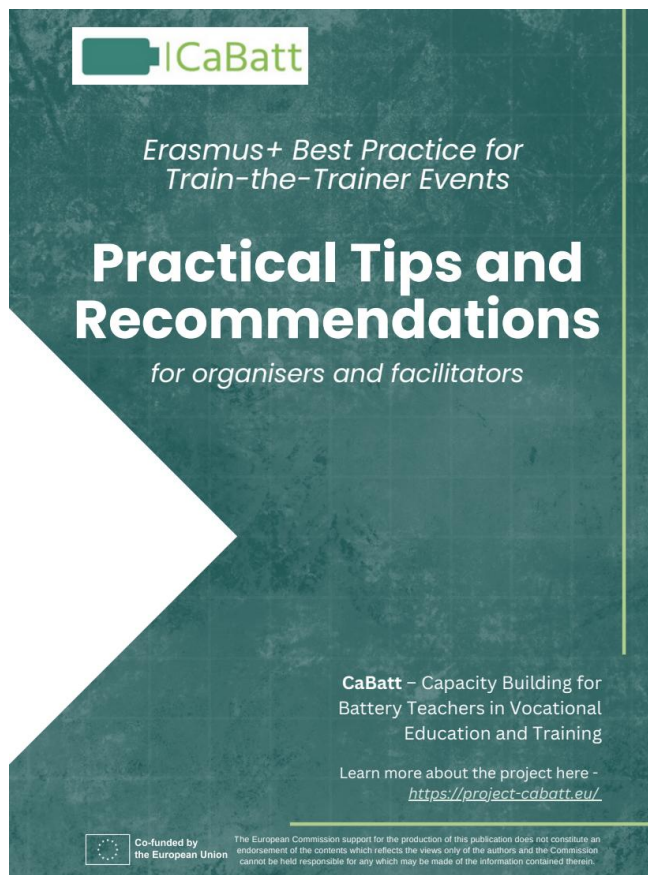
Adaptability and Sustainability

- The CaBatt model is universal. Whether you work in automotive, digital technologies, healthcare, construction, or any other technical field, this framework can be adapted to your specific context.
- Using the CaBatt model, which qualifies for Erasmus funding, you can charge course fees that cover your costs. A three-day course for 30 teachers can generate €7,200. This enables you to organise high-quality training and maintain ongoing cooperation, funded through participants' Erasmus KA1 mobility. Success depends on motivated partners, ideally taking turns to offer courses based on their regional strengths and knowledge.













Open Resources: All materials, templates, and guidelines developed by the CaBatt project are freely available on our website. We actively encourage the VET community to use, adapt, and build upon these resources for their own course arrangements. Visit our homepage to access the complete toolkit.

Access Our Resources





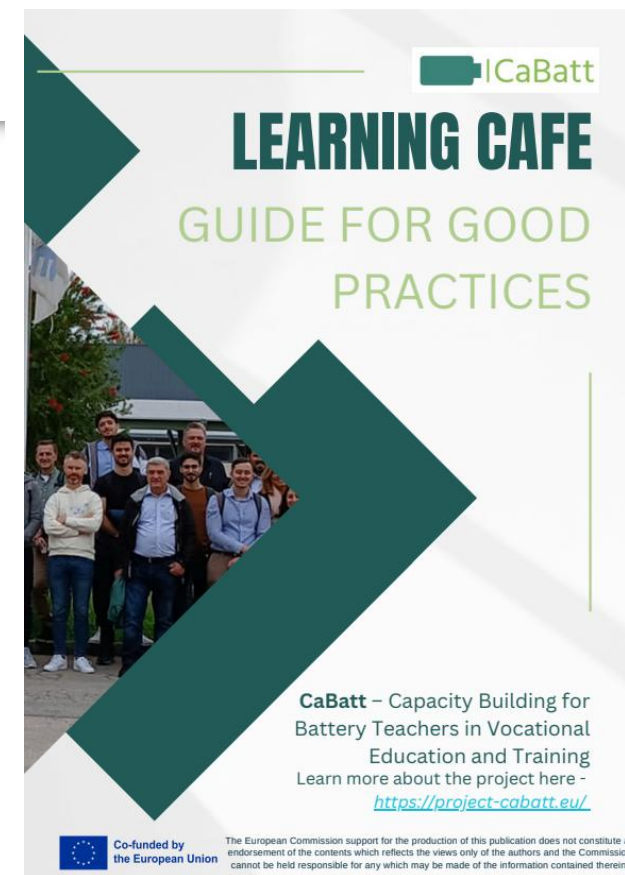
TIPS AND RECOMMENDATIONS

Helpful Resources and Model Documents

-  Invitation letter
-  Confirmation letter
-  Registration form
-  Meals registration
-  Example of on-line program
-  Example of event program
-  Description on Travel – Welcome pack
-  Evaluation of the course - Participant
-  Evaluation of the course - Organiser
-  Checklist for Erasmus

Tips and Tricks

-  **Tips and tricks:** What to take into consideration when planning an Erasmus+ training for staff – *Best practices from CaBatt*
-  **Tips on how to arrange learning cafés**



Your Feedback Matters

Thank you for participating in this webinar exploring the CaBatt model for cross-border VET teacher professional development. Your insights and perspectives are invaluable as we continue to refine and improve our approaches to vocational education training.

We would greatly appreciate it if you could take a few moments to share your thoughts on today's session. Your feedback helps us understand what works well, identify areas for enhancement, and ensure that future webinars and resources meet the genuine needs of the VET community.

Slido.com

Thank you!

For further information:
<https://project-cabatt.eu/>

