



#8 Quarterly Newsletter

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ARTICLE



In this issue, we published an article by **Katarina Sandbacka, Manager of International Affairs at Vamia Vocational College.**

To shape the European battery industry, the availability of a skilled workforce is essential to ensure success in developing, building, and operating industrial projects across the whole value chain. This holds as a pressing matter due to the forecast of the need of re-skilling or up-skilling approximately 800,000 people to meet the demand until 2025.

[Read the full article here.](#)

ALBATTS NEWS

Sectoral intelligence

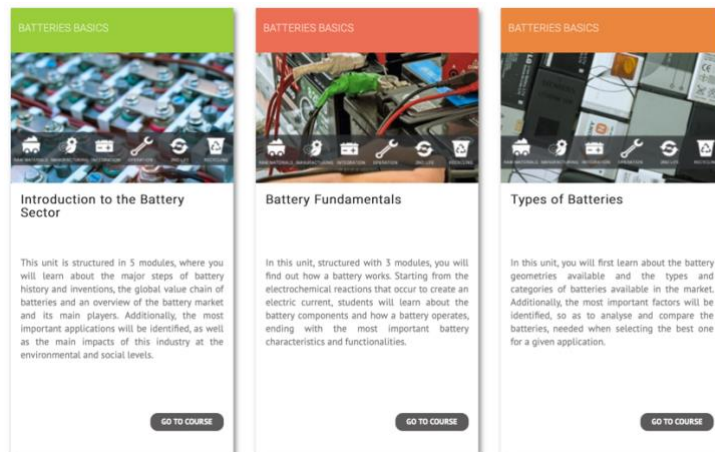
ALBATTS partners dedicated to Sectoral Intelligence published a report ([D3.11 - Analysis of Future Needs - Release 3](#)) summarising the workshops held within the last months while doing an analysis of the job roles and competencies. In the meanwhile, held and analysed a webinar on **Safety aspects of EV manufacturing, use, maintenance, repair, and disposal**. This webinar followed a request from the education and training partners to those carrying out intelligence in mobile battery applications.

Also, upon the need expressed by the education and training partners, a webinar on battery quality is being prepared and scheduled for September by the group dealing with intelligence in stationary battery applications.

The joint work and conclusions from Sectoral Intelligence for the battery sector, including the specificities of mobile and stationary applications, will be published in dedicated reports. Among other aspects, these will cover battery production, the production equipment, related skills/competence needs and education/training while providing a battery sector update in the context of the recent EU legislative evolution. Moreover, for mobile applications, the focus will be on charging electric vehicles and other mobile battery applications with relevant job roles, skills and competencies.

Training and Education

All [courses developed](#) to date within ALBATTS are available in the newly launched page of our website. It bridges with the ASA learning platform where these courses are embedded.



Digital Badges are also being prepared to be issued to the participants in ALBATTs trainings.

Reaching out

Engaged with getting EU-wide recognition, partners have been rolling out the ALBATTs outcomes at national and regional levels, with several use cases developed and tested in Finland and Portugal.

In Finland, the Skills Cards and core competencies have been rolled-out with the Finnish Board of Education. A Battery training module was developed based on ALBATTs results that will be offered within several different professions (process industry, mechanical engineering, electrical automation, logistics).

In Portugal, a questionnaire based on the ALBATTs Skills Cards is being developed to inquire about the national battery industry on the new job roles and skills needs in Portugal.

Other cooperation opportunities regarding training development and piloting are being analysed with the Stockholm Region and several external organisations.

ALBATTs has also engaged with European and national battery related initiatives like the [Conference on Results from Road Transport Research](#), the [1st Brandenburg Battery Forum](#) promoted by the Technical University of Berlin and Berlin University of Applied Sciences, the [Swedish Presidency Conference](#) on “[Skills for the green transition - for a competitive Europe](#)”, the [4th European Conference on Connected and Automated Driving](#), the [European Year of Skills Festival](#) and recently with an event organised in the frame of the European Sustainable Energy Days – “[Towards a Functioning battery ecosystem - building knowledge and required skills](#)”.

WHAT IS NEW IN EUROPEAN POLICY

Legislation Highlights

We have news on the **Batteries Regulation**, which was the object of an agreement recently endorsed by the European Parliament, and on the **Critical Raw Materials Act**, which is currently under scrutiny. There are also news on the **Net Zero Industry Act**, presented by the European Commission in early February.

Update on EU Institution's Work



The European Parliament approved new rules for the design, production and waste management of all types of batteries sold in the EU. We have highlights on this subject, but also on the most recent activities of the European institutions.

[Check all our legislation and policy highlights here.](#)

BATTERY SECTOR NEWS

[EU Parliament votes to make electric car batteries cleaner](#)

The European Parliament has passed a groundbreaking law which sets high environmental standards for batteries from electric cars. Green groups Transport & Environment (T&E) and Deutsche Umwelthilfe (DUH) welcome the EU Batteries Regulation which will, for the first time, set environmental protections throughout the entire life cycle of batteries – including the sourcing of raw materials, production and recycling.

[Raw materials partnership: EU opens the door for negotiations with the USA](#)

There is movement in the planned agreement between the EU and the USA on critical minerals for electric car batteries. The EU Commission has now adopted its negotiating directives for the agreement, largely clearing the field for the start of negotiations with the USA.

[EU Parliament approves comprehensive battery market regulation](#)

The EU Parliament has adopted new rules for the design, manufacture and recycling

of all types of batteries sold in the EU. Battery manufacturers will thus be subject to stricter environmental and due diligence requirements if they want to sell on the European market.

[Final EU vote on combustion ban looking questionable](#)

After the postponed final vote of the EU states on the ban of combustion engines in new cars from 2035, the hanging game continues. Although the EU Commission has submitted a proposal to the German government on e-fuel use after 2035, an agreement at the EU summit remains doubtful.

[France to open its first electric car battery factory](#)

Building up the battery industry is at the heart of President Emmanuel Macron's "reindustrialisation" plan for France, with a clutch of factories set to emerge in the north of the country over the next three years.

[Critical Raw Materials: EU countries push for more ambitious targets](#)

In a fresh agreement on the Critical Raw Materials Act (CRMA), EU countries want to further increase targets for domestic processing of strategic raw materials, despite public commitments that processing should be done in resource-rich partner countries.

[NZIA and CRMA now released](#)

Two very important documents for the European green transition were released yesterday. The Commission proposed the Net-Zero Industry Act to scale up manufacturing of clean technologies in the EU and make sure the Union is well-equipped for the clean-energy transition. This initiative was announced by President von der Leyen as a part of the Green Deal Industrial Plan.

[Solid-state batteries on the rise in Europe](#)

Solid-state batteries are considered as the next generation of lithium-ion (Li-ion) batteries. Using a solid electrolyte, the technology promises substantially higher energy densities and lower cost on battery cells, and opens up for new applications such as electric airplanes. We now see that the technology attracts investments on the European market.

[EU pushes alternative model to China in global race for raw materials](#)

The European Commission is looking to forge "win-win partnerships" with raw material-producing countries in a bid to develop new mining projects across the globe and reduce the bloc's dependence on China.

EVENTS CORNER

[International Congress for Battery Recycling ICBR 2023](#) 6-8 September 2023

[4th Annual EV Charging Infrastructure Development Forum](#) 14-15 September 2023

[Batteries Event 2023](#) 10-13 October

[Future Battery Forum 2023](#) 27-28 November

[Become an ALBATTTS Stakeholder](#) to receive regular information about the findings of the project (quarterly newsletters, invitations to webinars, surveys) and to help define the new EU Sectoral Skills Strategy for the Battery sector.

To know more about the ALBATTTS project visit our channels by clicking on the links below.



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