



## 4# Quarterly Newsletter

July 2021

**Welcome back!**

### INTERVIEW



In this issue, we profited from the 2021 Portuguese Presidency of the European Council to speak with **the Portuguese Deputy Minister and Secretary of State for Energy, Mr João Galamba**, about the outlined priorities for the future of the European battery sector through the value-chain.

Focused on EU climate goals, Mr João Galamba developed around economic stimulus to mobility, strategic plans for battery production, raw materials, technology and EU non-dependence and important issues like skilling or reskilling workers in the clean energy sector.

[Read the full interview here.](#)

# ALBATTS NEWS



Recently, through its coordinator Anders Norberg, the project contributed to the preparation of a high-level position paper, published by [Batteries Europe](#). The paper, titled **TF Education and Skills Position Paper**, is a reflection from the Thematic Working Groups of Batteries Europe on the future of skills in the batteries sector. The goal was to identify the current skill gaps and educational needs for different educational segments and across the Battery Value Chain, focusing on Lithium Ion Batteries, while considering the supply capacities of existing teaching programs.

Click on the image to read the full document.

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**The following section is an account on how the project has evolved in the past months**

**The Intelligence in Stationary and Industrial Battery Applications** task force has been planning for and working with the second release of the Desk Research. You can access the [first version here](#).

In the context of the process the members have been conducting research on battery technologies and manufacturing. Parallely, work has started for preparing the first release of the Sectoral Intelligence definition in the area of stationary batteries. Also, the concept design and initial planning for the second series of workshops scheduled to begin in the fall 2021 is progressing. Activities connected to the deliverables and the workshops have been conducted in collaboration between WP4 and WP5.

**The Intelligence in Mobile Battery Applications** task force has been researching battery manufacturing, with focus on the concept of gigafactories and their development in Europe vs. globally, and battery technology topics, in close cooperation with Stationary task force and other partners. Apart from that, trends in mobile battery applications and their impact on future job roles and competences needed are being analysed. Webinars and interviews with battery industry representatives are being prepared and shall take place in the second half of 2021. More on this below.

**The Training and Education** task force has been working, for the last three months, in two structural deliverables for the education and training for the battery sector. This has been mainly done by desk researching European and National education and training frameworks and tools as well as EU recognition models. Preliminary reports will be released for internal use before Summer time, in order to feed the upcoming tasks, related to the development of curricula and training material for the sector. The members have already set up the team to promote discussion on the methodological approach and draft priorities of development concerning curricula analysis, learning objectives, validation options and course/module creation for all levels.

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## **Battery Sector Intelligence Survey**

Get involved and [take our Battery Sector Intelligence Survey.](#)

This 20-minute survey is part of the intelligence activities and will accomplish project goals by bringing together the demand and supply side of skills related to this sector. The main aim

of this survey is to **inquire about job roles and skills needed to build a complete battery value chain in Europe**. This concerns enterprises along the batteries for electromobility value chain, European workers disrupted or highly affected by the change brought about with transfer to electromobility, educational providers, decision makers and the public. The gathered knowledge will enable ALBATTTS project to define a sectoral intelligence roadmap in the future.

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## Coming soon: ALBATTTS Debates

The ALBATTTS consortium will be organising a set of interviews and online workshops, that together make up the **#ALBATTSDebates**. These will take place after the summer break.

We will be interviewing industry representatives and policy makers on issues related to the challenges the sector faces regarding competences and skills, as batteries expand to all areas of mobility.

For the online workshops, the consortium will present its latest findings across all areas covered by the project - Automotive, Stationary, Maritime and Battery Manufacturing.

We will be sharing more information soon in our website and social media.

## ECOSYSTEM INITIATIVES



The Automotive Skills Alliance (ASA) is an ambitious partnership in the automotive ecosystem and contributes to broaden the outcomes already achieved by the ALBATTTS project in meeting the challenges that the green revolution is posing to the workforce in the mobility sector. Some pilot projects are currently being developed in key European regions that will provide data on skills and re/upskilling needs. The Alliance will keep evaluating the required competences and training schemes of the future, in the battery and electromobility sector, along with other skills while identifying best practices for automotive. [Read more here.](#)

## WHAT IS NEW IN EUROPEAN POLICY

The Batteries sector is of major importance to our decision makers and recently, there have been a set of new developments worth mentioning, concerning **batteries and waste batteries, guiding principles for raw materials and on collaboration efforts to take the skills gap in this industry.**

EU Ministers [agreed on a number of actions](#) including, among others: **to strive for the adoption of the proposed Batteries Regulation by 2022; to launch a roundtable on sustainable raw materials mining; to publish a set of EU principles guiding industrial action in the raw materials segment; and to create a dedicated collaborative Platform to help EU regions address the battery skills gap through the Just Transition Fund.**

[Learn more about battery related EU policy here.](#)

# BATTERY SECTOR NEWS

## [Spain to implement the first EBA250 Academy programme](#)

This is a public-private partnership on learning services by industry for industry covering the entire battery value chain [recently launched by EIT InnoEnergy](#). Addressing the emerging skills gap has been indeed identified as critical to success since it is estimated that Europe will need approximately 800.000 qualified workers to operate in this new battery industry by 2025.

## [Sustainable access to raw materials will power a competitive Single Market and a twin transition for Europe](#)

On 5 May 2021, the European Commission presented an update to the European Industrial Strategy to strengthen the resilience of the Single Market. The COVID-19 crisis has uncovered dependency on strategic resources from third countries and signalled the need to secure Europe's open strategic autonomy.

## [VW, Daimler, BASF & Fairphone launch sustainable lithium initiative](#)

Volkswagen, Daimler, BASF and Fairphone have initiated a partnership for sustainable lithium mining in Chile. 'The Responsible Lithium Partnership', financed by the quartet, aims to promote the responsible use of natural resources – including lithium – in Chile's Salar de Atacama

## [Study: Truck Stop Locations in Europe](#)

In a new study made for the European Automobile Manufacturers Association (ACEA), Fraunhofer ISI has pinpointed the location of charging infrastructure for battery electric trucks.

## [Rio Tinto and InoBat to explore innovative lithium battery initiative](#)

Rio Tinto and InoBat have just signed a Memorandum of Understanding (MoU) aiming at accelerating the establishment of a local battery value chain in Serbia. Rio Tinto's Jadar project in Serbia has the potential to produce approximately 55 thousand tonnes of battery grade lithium carbonate in Europe.

## [Volkswagen invests another €500Mn in Northvolt](#)

Volkswagen is investing another 620 million dollars, or about half a billion euros, in its battery cell partner Northvolt. The funding is part of a \$2.75 billion private placement that the Swedish company announced today alongside news on production capacity increases.

## [Europe powers up electric car battery drive](#)

As electric car sales soar, Europe has started to build up its capacity to produce batteries on the continent but it remains far from reducing its dependence on Asia.

## EVENTS CORNER

- [EAfA Activities](#) – Webinar: Experience from, and advantages of, national apprenticeship coalitions - September 2021
- [European Battery Materials Conference 2021](#) - 28-29 September 2021
- [International Congress for Battery Recycling](#) - 22-24 September 2021
- [Batteries Event](#) - 29 September - 01 October 2021
- [ees Europe 2021](#) - 6 to 8 October 2021
- [Energy Storage Global Conference](#) - 12 to 14 October 2021
- [19th Asian Battery Conference and Exhibition](#) - 2 to 5 November 2021
- [The European E-Fuels Conference](#) - 3 to 4 November 2021
- [Future Battery Forum 2021](#) - 15 to 16 November 2021
- [The Battery Show Europe](#) - 29 November to 2 December 2021

[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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