

Summary update on the progress of the project implementation

Since the beginning of the project, the consortium has been very motivated to implement the first actions, in spite of the limitations imposed by Covid-19 lockdown.

◆ In Work Package 1 - Project management, quality and evaluation

Skellefteå, as project lead partner has developed endeavours to bridge and be more involved with other stakeholders and initiatives relevant for ALBATTTS, such as the Battery2030 Research Roadmap project and Batteries Europe under DG Energy. These efforts and constant dialogue with the Commission, led to being accepted as working party for the initiatives and as expert EC working groups.

◆ In Work Package 2 – Dissemination

Communication and dissemination of the project is a transversal activity, crosscutting the lifetime of the project. Being the coordinator, Eupportunity has been working with all partners to creating the project identity, including the website and the main media channels. To establish and guide communication actions, the Communication Strategy as released the end of May, serving as guiding tool for the partnership. A first banner was designed and other promotion materials will follow. At this stage of the project, the work has been directed to making contacts with different stakeholders and initiatives in the battery ecosystem and in participating, engaging and organising events where ALBATTTS can be communicated and disseminated. In doing this, collectively, there has been full engagement with gathering different categories of stakeholders and creating a record to establish a database that will be regularly updated.

One of the very important accomplishments during the first months of ALBATTTS, reacting to the pandemic lockdown, was the setup and launch of a platform with free accessible online education courses, considered relevant for electromobility. This was done in cooperation with the fellow blueprint, project DRIVES, for automotive industry.

◆ In Work Package 3 - Sectoral Intelligence

This work package, led by VSB, overarches **sectoral Intelligence** within ALBATTs, with two closer focus on Stationary and Industrial Battery Applications (WP4) and Mobile Battery Applications (WP5). This includes assessing the job roles and skills needs in the sector together with technologies influencing it. In order to shape and define the demand based on the needs of the sector, the partnership in the work package established overall **stakeholder process** to facilitate engagement of stakeholders. Stakeholders can register [here](#) and will be further **contacted to provide their inputs and involvement in planned workshops as well as in an online survey** which will be focused on delivery the latest sectoral intelligence in regards to skills and job roles needs, drivers of change in the sector, training provision, trainings and education methods, and last but not least sector attractiveness. All the findings and analysis of Sectoral Intelligence will follow the value-chain in the battery sector, composed from **Raw Materials and Processing, Components and Cell Manufacturing to Recycling and Second Life of Batteries**. **Actually, the partnership** in the Sectoral Intelligence WP, as well as in work packages focused on its subsectors - mobile and stationary applications – **is working on the desk research activity** to allow to come up with **the latest available up-to-date intelligence in battery sector** to serve as a **basis for further elaboration in cooperation with sectoral stakeholders** during the mentioned workshops and online survey.

◆ In Work Packages 4 and 5 - Intelligence in Stationary and Industrial Battery Applications (ISIBA) and in Mobile Battery Applications (IMBA)

Work Packages 4 and 5, led by Merinova and Czech Automotive Industry Association respectively, research current and future skills and competences needed by the European battery industry in all the stages of the battery value chain. Work Package 4, “Intelligence in Stationary and Industrial Battery Application”, primarily focuses on telecom, energy storage and heavy duty applications while Work Package 5, “Intelligence in Mobile Applications“, mainly studies the battery use in automotive, maritime, railway and non-road machinery sectors.

The Work Package members are progressing with inviting potential stakeholders to join ALBATTs as well as with the desk research. Within the desk research the work has been shared among the Work Package members according to their respective competencies and fields of interest. Because of the synergies in some of the battery value chain stages, such as recycling or second use, the work is closely coordinated

between both Work Packages. The first results will be finalised and published in August 2020. Information gaps identified in the desk research will be closed with the help of workshops and surveys conducted with the stakeholders. There are already tens of stakeholders, representing all the battery value chain stages, registered in the project.

◆ In Work Packages 6 - Training and Education

A TEC and Vamia, leading WP 6 group, worked on their first deliverable D6.1. Report on state-of-art of job roles and education in the sector. it provides an overview of the descriptions of skills and occupations according with the European Skills/Competences, Qualifications and Occupations (ESCO) and further elaborate on reference job roles on Gigafactory as model.

According to this preliminary research, the majority of battery-relevant education is to be found in higher levels of the university systems. At the same time, EQF4 and EQF5 education are also in more direct need of detailed input on curriculum from industry than university master educations are. Nevertheless, apparently the education and training for professionals active in adjacent fields of the work market seem to already be scaling up.