



DEFACTO

DEFACTO TO PRESENT ITS LI-ION CELL MODELLING RESULTS IN ITS FINAL CONFERENCE

- The DEFACTO project aims to develop a tool to improve the understanding of cell behavior and cell manufacturing processes to facilitate new high capacity and high voltage Li-ion cell generation batteries.
- On November 30th, 2023, from 9:00 to 14:00 (CET), DEFACTO will showcase its main results in the different technical areas such as battery modelling, simulation, cell performance, optimization and analytical tools, among others, in its final conference in Donostia / San Sebastian, Spain.

Donostia / San Sebastián (Spain) October 3rd, 2023; – DEFACTO (Battery DEsign and manuFACTuring Optimization through multiphysic modelling) will hold its final conference focusing on the critical topic of digitalization in battery manufacturing and its role in completing the battery value chain within various industries.

From **09:00 to 14:00 (CET)**, H2020 DEFACTO project's main achievements in the field of battery digitalization will be shared. The aim of this conference will be to show how the computational tools developed in the project serve to (i) tailor new optimal cell designs, (ii) optimize the fabrication steps of electrode processing and electrolyte filling, and (iii) shape the new generation of 3b materials. In addition, the conference is designed to facilitate knowledge exchange and foster a collaborative environment where leading companies will also share their experiences, insights and concerns regarding the challenges and opportunities presented by digitalization in the battery sector.

The event will be held in **Donostia / San Sebastián in the Tres Reyes Hotel**, close to CIDETEC Energy Storage facilities. **Mandatory registration is free** and open to anyone who wants to learn about the latest results and solutions in the cell manufacturing industry.

More information and registration can be found here:

<https://bit.ly/DEFACTO-FINALCONFERENCE>

The ambition of DEFACTO has been to turbocharge the development of **next-generation lithium-ion batteries** for the automotive market with a series of multiscale multiphysics modelling tools. This advancement can lead to reduced manufacturing costs, increased electric vehicle range, and enhanced competitiveness in the global electric vehicle and energy storage markets, contributing to Europe's sustainability and economic growth goals.



Horizon 2020
European Union Funding
for Research & Innovation

This project has received funding from
the European Union's Horizon 2020 research and innovation
programme under grant agreement No 875247



DEFACTO

About DEFACTO

DEFACTO is an initiative funded by the Horizon 2020 Research and Innovation Programme of the European Union that has a total budget of € 5,988,318.75 and will last for 42 months.

The consortium that made up this initiative is formed by of twelve partners: five research centers (CIDETEC Energy Storage, the French Commission for Alternative Energy and Atomic Energy, the Hellas Research and Technology Center, the German Aerospace Center DLR and Fraunhofer-Gesellschaft), two universities (Technical University of Brunswick and Polytechnic University of Madrid), one leading Irizar Mobility, three small and medium enterprises (Sustainable Innovations Europe, Leclanche GmbH and Avesta Battery & Energy Engineering), and a standardization body (UNE), all coordinated by CIDETEC Energy Storage.

For more information, contact:

Pablo Morales Moya - DEFACTO Project Communication and Dissemination Manager
pblomoraes@sustainableinnovations.eu



Horizon 2020
European Union Funding
for Research & Innovation

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 875247