PRESS RELEASE

Safety and Standards Concepts of the Batteries used in Electric Vehicles, Innovative i- HeCoBatt Solution

Valencia (Spain) – January 2022. The European funded project, i-HeCoBatt (Grant Agreement No 824300), developing a smart, cost bursting industrial battery heat exchanger to minimise the impact on full electric vehicle range in extreme conditions, presented its intermediate results during the first project webinar on “Safety and Standards of the Batteries in the Electric Vehicles”.

i-HeCoBatt is addressing the call for projects launched by the European Commission in 2017: "Integrated, brand-independent architectures, components and systems for next-generation electrified vehicles optimised for the infrastructure request". The project consortium is made up of six partners from four European countries led by CIDETEC Energy Storage (Spain), with the participation of MIBA AG (Austria), AUDI AG (Germany), CEA Commissariat à l’énergie atomique et aux énergies alternatives (French Nuclear and Alternative Energies Commission), DATIK Información inteligente (Spain) and LOMARTOV (Spain).

This virtual event aimed to increase awareness of safety and standards in electric vehicle batteries involving external speakers and present the latest achievements of the i-HeCoBatt project related to these topics. During the session, numerous references have been made to different aspects, such as the efforts taken at the European level to better regularise and standardise batteries, their use, re-use as 2nd life batteries, recycling, and the safety requirements.

At the same time, the webinar provided an excellent occasion to learn more about numerous strategies, tools, evaluation, and validation processes elaborated in i-HeCoBatt, such as the following:

- Development and testing of the eco-designed heat exchanger prototype;
- Battery testing methods and standards used in the project;
- Elaboration of the optimised thermal management strategy (TMS);
- Integration processes and components implemented in i-HeCoBatt.

The main conclusions from the 1st webinar are available on the project website as well as the materials used to present the outcomes of the informative sessions.

With the purpose to delve into the final results of the project and its impact on the world of electric vehicles, the second webinar will be organised on the 3rd of March 2022, covering innovation and industrialisation challenges for next-generation Electric Vehicles components.

For more information, please visit https://ihecobatt.eu/ , and you can also follow i-HeCoBatt on social media: Twitter & LinkedIn.

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