

NEWSLETTER #2

November 2024

BATTERY INNOVATION DAYS 2024

The REINFORCE project was well-represented at the recent Battery Innovation Days 2024 event in Barcelona! Our project coordinators, INEGI team, actively engaged with other key players in the European battery world, fostering collaborations and gathering the latest insights on battery innovation, recycling, and the circular economy.

Battery Innovation Days is a leading European event that brings together experts, researchers, and industry leaders to discuss the latest advancements in battery technology. REINFORCE's presence at the event highlights our commitment to remaining at the forefront of battery innovation and contributing to the development of a sustainable battery value chain.

Our team's participation in the event ensures that REINFORCE stays informed about the latest trends, challenges, and opportunities in the battery industry. This knowledge will be invaluable as we continue to develop and implement our innovative solutions for battery recycling, second-life applications, and the circular economy.



REINFORCE GA

The REINFORCE project recently held its General Assembly (GA) on November 20th and 21st in Turin, Italy. Hosted by COMAU at their impressive facilities, the GA provided a valuable opportunity for partners to connect face-to-face, share progress updates, and plan for the exciting future of the project.

The event fostered a collaborative atmosphere where partners presented their latest developments, discussed challenges, and brainstormed innovative solutions to advance the project's goals.

With promising results emerging from various work packages, the future of REINFORCE looks bright. The project is poised to make significant contributions to battery recycling, second-life applications, and the circular economy.



REINFORCE Meet our Partner













The key role for ITE is leading the production of battery diagnostics during disassembly and developing a traceability system, showcasing their expertise in battery technology and commitment to sustainable energy solutions.

ITE's Battery Lab pilot plant is plays a big role in REINFORCE, with the focus on collecting, storing, and accumulating renewable energy to help various industries optimize their production processes.

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Online Workshop

Experts gathered for a recent workshop hosted by REINFORCE to discuss the opportunities and challenges of extending lithium-ion battery lifespans. The workshop featured insightful presentations on circular economy strategies, including repair, repurposing, and recycling, as well as an in-depth look at the European battery value chain. A keynote speech by Dr. Jarkko Vesa, a leading expert in the field, provided valuable perspectives on the future of battery lifecycle management. The event fostered engaging discussions and knowledge sharing among participants.



Article of opinion

excellent article of opinion about - "The Electric Vehicle Market in Europe and the Challenges of Transitioning to a (More) Sustainable Future". Europe's electric vehicle market is growing, but faces challenges like varying adoption rates, affordability. competition from China, and reliance on lithium-ion batteries. While government incentives and EU legislation drive the shift towards electric, a strategic rethink is needed ensure а sustainable autonomous future for European e-mobility, potentially by diversifying battery technologies and reducing reliance on external suppliers.

Our Scientific Coordinator wrote this month an

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