Chad cidetec energy storage

Who is cidetec energy storage?
CIDETEC Energy Storage: Specialised in creating new battery technology and facilitating its transfer to industry. Our research activity covers from exploratory,low TRL new battery technologies and concepts up to high TRL product development for direct transference to the industry,near-ready for commercialization.

Why should you choose cidetec energy storage?
At CIDETEC Energy Storage, we are committed to generating high-added value knowledge and transferring it to industry. We help create employment and wealth in our local environment, developing efficient energy technologies focused on renewable energies and sustainability.

What is cidetec & how does it work?
CIDETEC is a private organisation for applied researchfounded in 1997 that seeks to contribute value to companies by harnessing,generating,and transferring technological knowledge. CIDETEC is comprised of three International Technological Reference Institutes in Energy Storage,Surface Engineering and Nanomedicine:

What is cidetec surface engineering?
CIDETEC Surface Engineering: Focused on the development of surfaces and materialsand their application methods on different type of substrates (metals,polymers,and composites),mainly for automotive,energy,and aerospace sectors.

We are a technological centre specialized in surface processing and finishing through wet chemical and electrochemical methods providing surface solutions throughout the entire value chain for the automotive, space and extreme environments sectors among others.

Contamos con una doble sala seca compuesta por dos estancias individuales interconectadas: La primera (30m 2) está orientada a las actividades de I + D propiamente dicha, incluyendo la aditivación de electrolitos y el ensamblaje de ...

CIDETEC Energy Storage ha desarrollado con éxito y de forma rentable una innovadora tecnología de batería semisólida basada en ánodo de metal de litio sin colector de corriente, cátodo NMC rico en Ni de alta carga y un electrolito de polímero tipo gel extremadamente conductor integrado en la celda.. La tecnología desarrollada se sitúa actualmente en TRL 4-5, ...

Integration of energy storage systems into (heavy duty) vehicles. At CIDETEC Energy Storage we develop full size battery pack solutions for electric buses and other heavy duty applications. Our assignment corees from inicial cell choice ...

Chad cidetec energy storage

CIDETEC Energy Storage has participated in the BATTERY2030+ initiative since its launch in 2020. The BATTERY 2030+ initiative has just received more than 150 million euros from Horizon Europe, the European Union"s research program, for a new package of cutting-edge projects with the aim of positioning Europe as the global leader in ...

Double dry room composed of two interconnected individual rooms: The first one (30m 2) is oriented to R+D purposes, including electrolyte additivation and lithium metal based manual cell assembly.The dew point of the room is -60ºC. The second one (50m 2) specifically oriented to manual and automatic assembly of the stacks for pouch configuration and semiautomatic ...

At CIDETEC Energy Storage we develop full size battery pack solutions for electric buses and other heavy duty applications. Our assignment corees from inicial cell choice and validation to full battery pack design, including BMS, communications and safety. We build fully operative prototipes in close contact with our customer, so that at the ...

CIDETEC will participate as a speaker in the second edition of the technical seminar "Energy Storage: technologies and projects" organized by Energética XXI. The energy storage market is expanding. The many possible applications of these systems are leading to the rapid development of technology and a drop in the price of installations.

4,4MEUR in revenues for a significant step forward in battery technology and application development. In the second half of 2022 CIDETEC Energy Storage celebrates the launch of up to eight new European funded research and development projects awarded in the last calls of 2021 and beginning of 2022 of the Horizon Europe programme.

En CIDETEC podrás desarrollar tu carrera junto a un equipo de profesionales de primer nivel, en un ambiente joven y al mismo tiempo comprometido, volcado en la innovación y que busca aportar soluciones prácticas que redunden en un mundo más sostenible.

El proyecto pretende alargar la vida útil de las baterías en un 33%. CIDETEC Energy Storage ofrece su experiencia en el sector de las baterías en el proyecto InnoBMS, que busca desarrollar una solución de software y hardware de gestión de baterías (BMS) de última generación, destinada a mejorar el rendimiento y la vida útil de las baterías en vehículos eléctricos.

Double dry room composed of two interconnected individual rooms: The first one (30m 2) is oriented to R+D purposes, including electrolyte additivation and lithium metal based manual cell assembly.The dew point of the room is -60ºC. The ...

CIDETEC Energy Storage has successfully developed an innovative semi-solid battery technology based on

current-collector-free lithium metal anode, high loading Ni-rich NMC cathode and a lean highly conductive gel polymer ...

CIDETEC Energy Storage will participate in the forthcoming conference on "International EV Batteries 2018: Cost-Effective Engineering for Hybrid and Electric Vehicles" to be held on 6-7 November 2018 in London, an event organised by the Institution of Mechanical Engineers.

En CIDETEC Energy Storage, nos esforzamos por generar conocimiento de alto valor añadido y de su posterior transferencia a la industria. Ayudamos a crear empleo y riqueza en nuestro entorno, desarrollando tecnologías energéticas eficaces, vinculadas a ...

Understanding energy storage systems to address the challenges of the energy transition to electrification is paramount to shortening deadlines. With this objective in mind, CIDETEC Energy Storage has developed cideMOD, an ...

Web: https://triceratech.co.za