

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 research founded 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 materials and their application methods on different type of substrates (metals, polymers, and composites), mainly for automotive, energy, and aerospace sectors.

CIDETEC Energy Storage is an organization for applied research in the field of energy storage. Research and Development in advanced batteries. Battery testing and characterization. Modeling and simulation. Integration in applications. Dimensioning and technology selection -benchmark-. Life / second life analysis.

Within the multidisciplinary consortium that integrates InnoBMS, CIDETEC Energy Storage contributes its experience in characterisation and modelling of battery-packs. Employing its ...

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Within the multidisciplinary consortium that integrates InnoBMS, CIDETEC Energy Storage contributes its experience in characterisation and modelling of battery-packs. Employing its expertise, it will concentrate on the deployment of battery thermal management control (BTMS) in the cloud, the formulation of algorithms for the early ...

The Spanish research institute CIDETEC Energy Storage will lead a consortium of 16 partners under the

Horizon Europe program to deploy Gen4b solid - state batteries for ...

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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 ...

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CIDETEC Energy Storage is a research and development organization specialized in advanced battery technologies, designing, developing, and testing the batteries of the future for 25 years. ...

The Spanish research institute CIDETEC Energy Storage will lead a consortium of 16 partners under the Horizon Europe program to deploy Gen4b solid - state batteries for mobility applications on a large scale. A research project with high hopes, as competition from the Asian battery market grows ever stronger.

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CIDETEC Energy Storage, in addition to being technically responsible for BATTERY2LIFE, will contribute to tasks such as reliability and safety, critical aspects in second-life application for batteries. To this end, advanced functionalities for diagnosing degradation mechanisms and estimating the RUL (Remaining Useful Life) will be implemented ...

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## Ireland cidetec energy storage

with multiple battery technologies (including lithium metal solid state batteries, lithium-sulphur, etc.) according to specific challenges.

Web: <https://www.ssn.com.pl>

