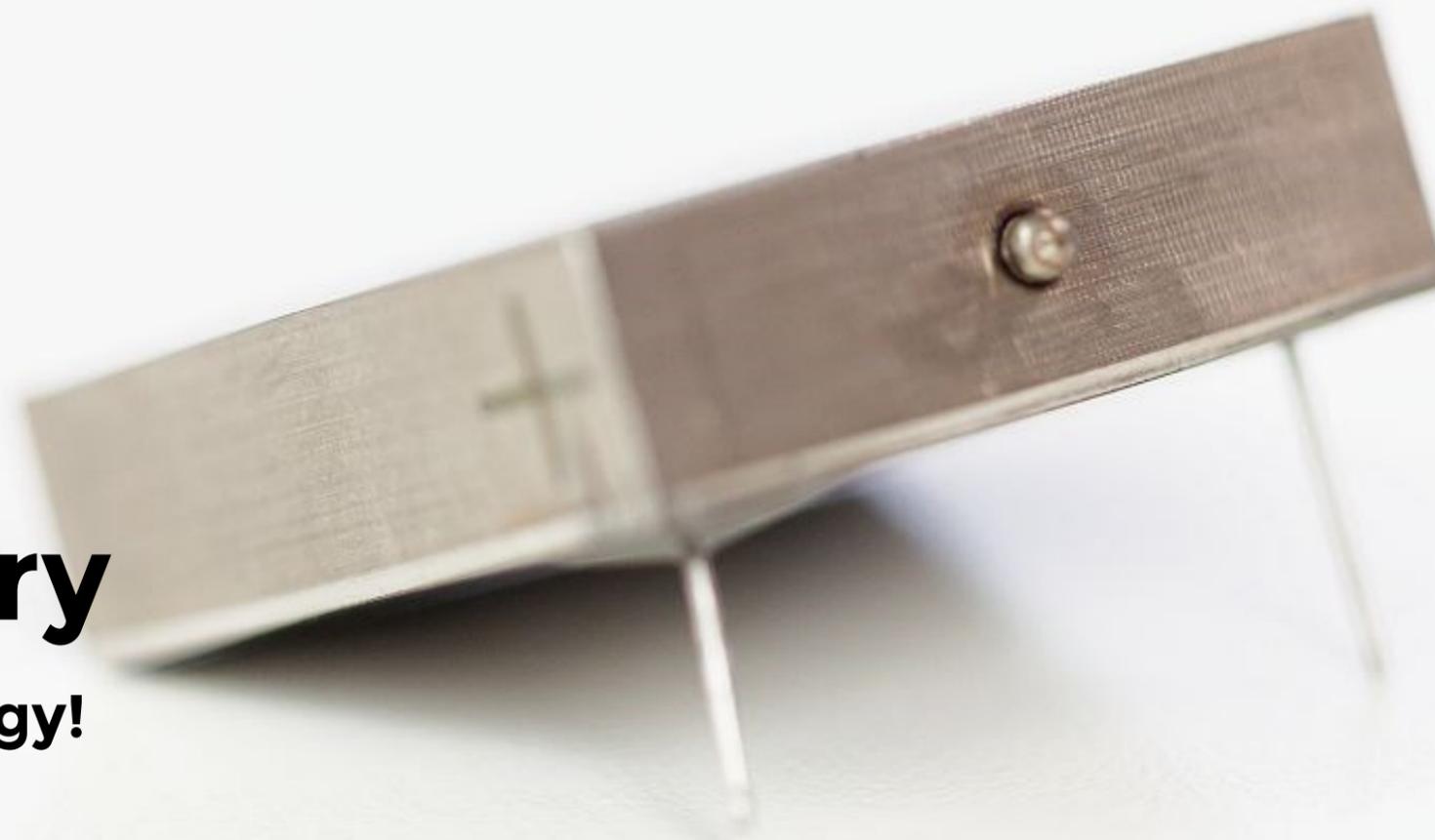


Mini-battery

Small, but full of energy!



Energy storage is a major technological challenge, and one that is being addressed in depth by CEA Tech. The Liten Institute has developed a high level of expertise in the design of lithium batteries. Lithium-ion technology is particularly well-suited to on-board energy storage systems as the energy density is around twice that of any other technology. In automotive applications, this translates into increased range, smaller size, less weight, rapid charging and a very low self-discharge rate. However, CEA Tech is also researching alternatives to lithium-ion technology with the aim of

achieving further improvements in range, power and safety. In order to provide an even better response to the problems facing manufacturers, CEA Tech has established a dedicated battery development platform offering industrial companies access to the expertise of its research teams involving a broad spectrum of battery technologies.

The platform operates under conditions approaching those of a manufacturing plant, with facilities including from the production of new materials, through the design and manufacture of batteries to final performance testing.

This facility is unique in Europe, enabling CEA Tech to develop batteries capable of providing the performance needed by its partners, addressing both niche markets and mass markets such as electric vehicles and medical devices.

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