



# Zoli pharmaceuticals enters the energy storage industry

Why did Elli enter the business of industrial energy storage?

By entering the business of industrial energy storage, Elli confirms its leading role in the mobility and energy transition. "We see high financial potential in this business area and the opportunity to develop Elli into a holistic energy provider in Europe," explains Giovanni Palazzo, CEO Elli.

What is ZNL energy?

In parallel, ZNL Energy has developed a fully functional zinc-ion battery cell for stationary energy storage -- a safe and sustainable solution available for license-based production. Our technologies are built for a battery industry -- to perform, to adapt, and to transition responsibly.

How does SoC affect energy storage systems' stability and performance?

Energy storage systems' stability and performance are highly affected by the SOC. Some works have been studied these goals. A piece-wise linear SOC controller has been created to stop BESS depletion before it reaches minimum levels for integrating SOC into low-inertia power systems' primary frequency control .

Will the energy storage industry thrive in the next stage?

The energy storage industry is going through a critical period of transition from the early commercial stage to development on a large scale. Whether it can thrive in the next stage depends on its economics.

What are the solutions for energy storage systems challenges?

Solutions for energy storage systems challenges. Design of the battery degradation process based on the characterization of semi-empirical aging modelling and performance. Modelling of the dynamic behavior of SCs. Battery degradation is not included.

What is the implementation plan for the development of new energy storage?

In January 2022, the National Development and Reform Commission and the National Energy Administration jointly issued the Implementation Plan for the Development of New Energy Storage during the 14th Five-Year Plan Period, emphasizing the fundamental role of new energy storage technologies in a new power system.



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