

# New energy battery supporting small project

When will Saft start a battery-based project?

In April 2024, we announced the launch of a new battery-based project in the country, at our depot in Feluy, with a start-up expected at the end of 2025. It will have a power rating of 25 MW and capacity of 75 MWh, thanks to the forty "Intensium Max High Energy" lithium-ion containers supplied by Saft.

Can a new battery design save money?

"It is already competitive with incumbent technologies, and it can save a lot of the cost and pain and environmental issues related to mining the metals that currently go into batteries," said Mircea Dinca, the W.M. Keck Professor of Energy at MIT, referring to the new design.

What is the battery 2030+ research initiative?

The large-scale BATTERY 2030+ research initiative aims to invent the batteries of the future by providing breakthrough technologies to the European battery industry. This shall be done throughout the value chain and enable long-term European leadership in both existing and future markets.

Is a battery the future of energy storage?

The global energy landscape is undergoing an evolution from fossil fuels to renewables and more sustainable sources. As growth in non-fossil energy continues to soar, the need for efficient energy storage is rising in parallel. Enter the battery - a powerful technology anchoring this global energy transition.

What is the EU-funded mebattery project?

The EU-funded MeBattery project aims to lay the foundations of a next-generation battery technology that will potentially help overcome the critical limitations of established flow and static battery systems in energy storage. The proposed battery technology will leverage the intrinsic benefits of a redox flow battery system.

What is the largest European battery-based energy storage project?

In May 2023, we launched our largest European battery-based energy storage project at the Antwerp platform in Belgium. With its 40 containers, the site will develop a capacity of 75 MWh, which is equivalent to the daily consumption of almost 10,000 homes.

SOLVE is an EU-funded project aiming to develop the batteries of the future: safer, with enhanced performance and fast-charging capabilities, and with highly sustainable and circular manufacturing.

In general, energy density is a key component in battery development, and scientists are constantly developing new methods and technologies to make existing batteries more energy proficient and safe. This will make it possible to design energy storage devices that are more powerful and lighter for a range of applications. When there is an imbalance between supply ...

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ABB is a leading supplier of traction batteries and wayside energy storage specifically designed for these heavy-duty applications, engineered to withstand the demanding conditions of transportation and industrial environments. ...

It would be unwise to assume "conventional" lithium-ion batteries are approaching the end of their era and so we discuss current strategies to improve the current and next generation systems ...

From helping integrate renewables to electrified transportation, batteries are enabling new possibilities and contributing to a cleaner future. With our expertise in electrification and automation, ABB is supporting the entire battery value chain, from manufacturing to recycling.

Rendering of how the floating battery storage portion of the hybrid power barge could look. Image: W&#228;rtsil&#228;. Philippines power generator, supplier and distributor AboitizPower has confirmed progress on large-scale battery energy storage system (BESS) projects which the company claimed will be part of "the foundation to sustain its long term growth".

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