

Flow battery system project financing options in Luxembourg 2026

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.

Where will flow batteries be located?

The project involving flow batteries will be located in France, and more information will be provided soon. Read more information [here](#). The EU ETS Innovation Fund is one of the world's largest funding programmes for the deployment of net-zero and innovative technologies.

How much CO₂ will flow batteries reduce?

The selected projects are expected to commence operations before 2030 and, over their first ten years, are projected to reduce emissions by approximately 476 million tonnes of CO₂ equivalent. The project involving flow batteries will be located in France, and more information will be provided soon. Read more information [here](#).

Are Li-ion batteries a threat to Europe's energy transition?

Li-ion batteries play a crucial role in Europe's energy transition, yet production dominance lies with China, Korea, and Japan. To counter this dependency, Europe plans to establish 25 new gigafactories amounting to EUR 35 billion by 2030. However, defects are anticipated to occur at rates ranging from 15 % to 30 % during the initial ramp-up phase.

What are the defect rates in battery production?

However, defects are anticipated to occur at rates ranging from 15 % to 30 % during the initial ramp-up phase. In response, the EU-funded BATTwin project aims to mitigate defect rates in battery production by implementing a comprehensive approach.



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