



# Kenya rivus batteries

What are rivus batteries?

Rivus batteries are part of the solution to achieve a more flexible energy system with fewer emissions and a reliable supply of power. Low environmental footprint compared to metal-based batteries

What is rivus energy storage technology?

Rivus energy storage technology can optimise energy usage while minimising environmental harm. Battery storage systems are emerging as one of the key solutions to effectively integrate high shares of solar and wind renewables in power systems worldwide

Why do we need rivus batteries?

Rivus' ambition is to keep our supply chain on a national level,our batteries can be produced in most countries lowering our environmental footprint. This means we have a more secure supply chain and our batteries are less vulnerable to resource scarcity.

Who is rivus?

Rivus is a climate tech start-up on a mission to enable ultra low-cost and eco-friendly grid-scale energy storage. Led by a team of dedicated chemists,battery experts and entrepreneurs our aim is to fundamentally transform how energy is stored,supporting the global energy transition away from fossil fuels.

Do rivus batteries require metals to be mined?

Rivus batteries,unlike other leading technologies on the market,require no metals to be mined. Lithium-ion and Vanadium redox flow batteries have a high environmental price as the extraction process is bad for the environment.

How did rivus become a greener battery alternative?

In 2016 Dr. Cedrik Wiberg decided to pursue a PhD to identify a greener battery alternative. Supported by academia,pivotal organic molecule testing led to the discovery of Rivus' core technology and first patent filing in 2019. Commercialization began in early 2023 as Dr. Wiberg left academia and Andreas K&#246;lling joined as COO.

Rivus Batteries operates in the increasingly important field of energy storage, focusing specifically on stationary applications with Organic Flow Batteries. Its approach aims to offer a more sustainable and cost-effective alternative to ...

Rivus expects to reveal its first full-scale prototype in the second half of 2024 and strives to achieve a wider market release during 2025. Press Contact. Andreas K&#246;lling, ...

Rivus believes in this vision of a clean and green future. But it's not just an aspiration; Rivus is working to

make it a reality. At the core of our work is our concern about the climate crisis. We want to ensure that society gives its best ...

Operator of a green technology company intended to develop novel organic electrolytes for flow batteries. The company's products consist of only abundantly available elements, redox-active ...

Rivus Batteries - Grid scale energy storage by organic flow batteries. Need Rivus addresses the urgent need for cost-effective energy storage, targeting the growing >EUR50B market for stationary battery storage by providing green and ...

Rivus General Information Description. Operator of a green technology company intended to develop novel organic electrolytes for flow batteries. The company's products consist of only ...

Rivus Batteries wins the Founders Challenge, an incubation competition by Founders Loft, from a pool of inspiring climate and impact startups in west Sweden. Rivus" team is excited to begin the incubation process. As ...

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