

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

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.

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 testingled 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 Kölling joined as COO.

What is rivus' vision for a greener future & revitalised World?

A global vision for a greener future and revitalised world: By 2050 the global energy sector will be mainly based on renewable energy. 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.

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 is Australian lithium battery waste disposed of?

Currently,the majority of Australian lithium battery waste is disposed of via landfill,which can contaminate the environment. Redox flow batteries are different from standard batteries such as lithium-ion as the energy is stored in liquids (electrolytes).

Rivus Batteries is pioneering sustainable energy storage with its innovative, metal-free flow battery technology utilizing water-based organic electrolytes. The company focuses on reducing costs and environmental impact, offering a greener ...

Svenska startup-företaget Rivus Batteries tar in sex miljoner kronor från xista science ventures, NAVCAP AB och EIT InnoEnergy för att påskynda utvecklingen av metallfria batterier. Företagets mål är att halvera kostnaden och klimatavtrycket för storskalig

energilagring genom att ersätta tungmetallbaserade elektrolyter med organiska alternativ i nya flödesbatterier.

Rivus is truly honored to win the E-Prize award in the Renewable Energy category! Electrification of high-temperature processes, metal-free batteries, and more efficient transport were the focus of this year's winners. Scalability stood out as a key theme for the jury, who had the tough job of selecting from nine worthy finalists.

Rivus is proud to join the West Swedish Chemical and Material Cluster and the CEROF-project to advance bio-based and recycled molecules as starting materials for our organic flow battery electrolytes together with cluster members.

Swedish startup Rivus Batteries secures EUR0.5M from Xista science ventures, NAVCAP AB, and EIT InnoEnergy to fast-track the deployment of its metal-free battery technology. The company aims to halve the cost and ...

Rivus Batteries secures EUR0.5M from Xista science ventures, NAVCAP AB, and EIT InnoEnergy to fast-track the deployment of its metal-free organic battery technology. The Swedish start-up aims to halve the cost and climate footprint of stationary energy storage by replacing heavy metal-based electrolytes with organic electrolytes for large-scale ...

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 ...

Under 2024 installerar Rivus Batteries och Bengt Dahlgren Sveriges första organiska flödesbatteri i pilotskala på HSB Living Lab i Göteborg. Den nya batteritekniken baseras på organiska molekyler istället för kritiska metaller. Konsultplatsen Hitta enkelt ett konsult inom installations- och energiteknik ...

Rivus Batteries plockar in två nya investerare. Xista Science Ventures och Navcap med en runda om bolaget tar in 6 miljoner kronor. I den befintliga EIT Innoenergy var med ett höljet. Bolaget vill utveckla en batteriteknologi utan att använda sig av tunga metaller.

Rivus Batteries raised EUR525k from Xista science ventures, NAVCAP AB, and EIT InnoEnergy. Cleantech Energy Manufacturing. Investments. 10 October 2023. Share: Original story . Interested in more dealflow and deeper data sets from Europe? Please consider joining Nordic 9! Rivus Batteries (company)

Rivus Batteries planerar även att installera en storre anläggning på 40-100 kWh hos ett fastighetsbolag i Göteborg därefter. Kontakta: HSB. L&S MER:Northvolts resa

från framtidshopp till kris.

Rivus Batteries. Gothenburg, Sweden. Founded in 2023. Website. Overview Overview. Sustainable energy storage using organic batteries. ... Developing organic redox flow batteries for energy storage, using a molecule extracted from stone coal, for longer-lasting and sustainable electricity storage. Who is their product for? Renewable energy ...

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Rivus Batteries can help decrease sudden loads and reduce fuse contract costs. Reduced grid dependency. Keep your production operating at high availability, regardless of the state of the grid. Be among the first. To deploy Rivus battery systems in your industry starting in 2025. Sign up now for a consultation with one of our team members

Rivus Batteries" Board of Directors 2024 October: o Dr. Cedrik Wiberg - Founder & CEO of Rivus Batteries, PhD Chemistry - Since 2019 o Lars Ulin - CEO & Owner of NAVCAP, MBA - Since 2023 o Dr. Alexander Schwartz - Partner at xista science ventures, PhD Organic Chemistry - Since 2023 ...

Rivus Batteries | 1,757 followers on LinkedIn. Organic Flow Batteries. Low-cost. Safe. Metal-free. | Rivus Batteries offers truly green batteries for stationary energy storage applications through organic flow batteries. Rivus technology is already proven on a small scale, currently looking for pilot-customers interested in testing and pioneering sustainable stationary energy storage ...

Web: <https://purelysolar.co.za>