



South Sudan basquevolt battery

Is basquevolt a solid-state battery?

Basquevolt, the Basque initiative to make solid-state batteries, has been introduced. It's expected to have a production capacity of 10 GWh by 2027

Will Telefónica & Siemens connect basquevolt's new battery prototype plant?

Telefónica and Siemens will provide corporate (IT) and operational (OT) connectivity to Basquevolt's new battery prototype plant. This is a pioneering project in Europe in the manufacture of solid-state lithium battery cells, unique in Europe in terms of technology.

What will basquevolt do?

Basquevolt will evaluate various digitalisation processes related to the production of solid-state lithium batteries, providing the plant with the best technological solutions. Telefónica and Siemens will provide corporate (IT) and operational (OT) connectivity to Basquevolt's new battery prototype plant.

Why are batteries made in the Basque Country?

In sum, the batteries made in the Basque Country will offer greater energy density at a lower cost, which will allow for the manufacture of vehicles with greater range and a lower price. These are the two key elements necessary to guarantee a "comfortable" transition from fossil-fuel vehicles to electric ones.

Could basquevolt be Europe's first solid state battery Gigafactory?

Basquevolt, Europe's first solid state battery gigafactory, is a huge challenge yet an even bigger opportunity, says Basque energy storage research institute head Nuria Gisbert. Last Updated on Dec 3, 2023 by About Basque Country Lagun Iezaguzu aboutbasquecountry.eus mantentzen!

When did basquevolt launch its innovation center?

June 23, 2023: Basquevolt, the solid state lithium battery developer and manufacturer, inaugurated its innovation center in mid-June in an official ceremony presided over by the president of the Basque government, Iñigo Urkullu and the company's investment partners.

BASQUEVOLT aspira a convertirse en el líder europeo de la próxima generación de baterías de litio de estado sólido. La tecnología de BASQUEVOLT hará posible el despliegue masivo del transporte eléctrico, el almacenamiento de energía estacionario y los dispositivos portátiles avanzados. Para más información: basquevolt

Telefónica and Siemens digitalise Basquevolt's solid-state battery cell prototyping plant. Basquevolt will evaluate various digitalisation processes related to the production of solid-state lithium batteries, providing the plant with the best technological solutions. Telefónica an...



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The BASQUEVOLT Board of Directors met today for the first session of the year for the presentation of 2023 Strategic Plan with the main growth milestones expected for the coming ...

The key differentiating technology developed by Basquevolt is a new family of battery polymer electrolytes and its integration with new cathode and anode chemistries. They are based in more than 10 patents, numerous industry secrets and know how that was originally developed by Professor Michel Armand and his research group at the CIC ...

BASQUEVOLT, backed by EIT InnoEnergy, unveils Europe's first innovation centre to develop 100% European solid-state battery technology, June 19, 2023 Basquevolt Solid State Battery Natrion Pushes Ahead with ...

News Back 10/06/2022 Iberdrola takes a stake in Basquevolt, the solid-state battery company Go to Tab Photos ...

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Basquevolt, the Basque initiative for the production of solid-state batteries, is launched with the aim of producing 10GWh by 2027. 10/06/2022 The founding consortium of investors in the project, promoted by the Basque Government, includes Iberdrola, CIE Automotive, Enagás, EIT InnoEnergy, and CIC energiGUNE, whose research has facilitated ...

The Electrode Process Engineer should have experience in the development and manufacturing of lithium-ion battery, ideally within a corporate organization.. Degree in Mechanical/ Mechatronic /Process/ Chemistry Engineering. 5 years of experience in LFP electrodes at mass production scale. High expertise in slurry manufacturing and coating process at mass production scale.

BASQUEVOLT, the Basque solid-state battery initiative, will begin production of battery cells in 2027 with the aim of reaching a capacity of 10GWh. This is one of the main objectives set out in the BASQUEVOLT's articles of association, in which the Basque Government, Iberdrola, CIE Automotive, Enagás, EIT InnoEnergy, and CIC energiGUNE all ...

BASQUEVOLT launches its "Cell Sample Manufacturing Plant (A-Sample)" for next generation batteries. This "A- Sample Line" has managed to produce the first 20Ah cells and is expected to be able to manufacture 80Ah cells by the end of ...

The inauguration of the "Basquevolt Innovation Center CIB " is a further milestone reached in the roadmap to design the Basquevolt cell, which will be able to potentially reduce the cost of the battery by 30%, increase the energy storage capacity by 50% and extend the range of the electric vehicle from 500 to 750 kilometres.

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The company has started the 3rd party testing and the delivery of its first 20Ah pouch cells to selected strategic partners and potential customers. This milestone validates BASQUEVOLT's breakthrough lithium metal cell technology and its groundbreaking energy density (450 Wh/kg with NMC and 300 Wh/kg with LFP), while at the same time bringing a significant cost reduction ...

Fives Group, Basquevolt and Hynn Technology join forces to design an innovative solution in the finishing of solid-state batteries that the Vitoria-based company plans to launch to the market ...

BASQUEVOLT - officially launched on 10 June 2022 - is a company committed to developing sustainable, safer, and competitive solid-state battery technology with the best resources and cells for electric vehicles, ...

BASQUEVOLT to start delivering the first cells to global automotive and aviation players in order to accelerate the transition towards lighter and more affordable batteries ... an element that makes the company unique in the battery technology manufacturing sector. 05 Apr 2024. Basquevolt 20Ah cell reaches milestone with more than 450Wh/kg ...

Collaboration, key factor in order to reach achievement. Basquevolt officially becomes a member, along with Elinor and Blue Solutions, of the Board of Directors of Upcell Alliance; an association that integrates the protagonists of the European electric battery industry from both the private, public and academic sectors, and whose objective is to promote technological innovation to ...

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