



Greece basquevolt battery

Is basquevolt developing a solid-state battery?

Basquevolt reports progress in the development of its solid-state battery cells. Before the end of this year, Basquevolt's research and development centre is expected to produce the first 20 Ah cells suitable for use in electric vehicles.

What is Basque volt?

BASQUEVOLT, the Basque solid-state battery initiative, will begin production of battery cells in 2027 with the aim of reaching a capacity of 10GWh.

Will basquevolt reduce its cost compared to today's lithium-ion batteries?

Basquevolt is talking about a potential cost reduction of 30 per cent compared to today's lithium-ion batteries. Basquevolt was only founded last year and is already planning to start mass production of solid-state cells at its future 1 GWh capacity plant by the end of 2025.

What is basquevolt?

BASQUEVOLT. BASQUEVOLT aims to become the European leader in the next generation of solid-state lithium batteries. Our technology will make possible the mass deployment of electric transportation, stationary energy storage and advanced portable devices.

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.

Who is basquevolt backed by?

Basquevolt is backed by a strong group of shareholders. Major industrial players in the energy and automotive sectors, together with the Basque Government. We are looking for talented people with experience in battery technology to share our ambition to build a sustainable world.

BASQUEVOLT's technology will enable the mass deployment of electric transport, stationary energy storage, and advanced portable devices. (Vitoria-Gasteiz, 10 June 2022) BASQUEVOLT, the Basque solid-state battery initiative, will begin production of battery cells in 2027 with the aim of reaching a capacity of 10GWh.

Telefonica 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. Telefonica an...

We are looking for talented people with experience in battery technology who share our ambition and who



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want to grow with us on the path towards a sustainable society. Employment opportunities. OEM Project Lead; Cell Design Manager; ...

The Basque solid-state battery initiative has announced the creation of "Basquevolt" to pioneer production of solid-state battery cells in the autonomous Spanish-French region in Western Europe. Basquevolt solid ...

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 ...

BASQUEVOLT is an ambitious project focused on the production of solid state cells that aims to be a reference gigafactory in Europe in this type of batteries with an estimated production of 10GWh in 2027.

The company is located in Alava and aims to become the European leader in solid state battery technology by leveraging its proprietary composite electrolyte that results from more than 10 years of research done by Professor Michel Armand and some of the world most successful solid state battery researchers at the CIC energiGUNE.. The mission of BASQUEVOLT is to develop ...

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 ...

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.

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o Basquevolt's technology will enable the mass deployment of electric transport, stationary energy storage and advanced portable devices. 10/06/2022 Basquevolt, the Basque solid-state battery initiative, will begin production of battery cells in 2027 with the aim of reaching 10GWh capacity, after its creation was signed today. This is one of the

The Basque solid-state battery initiative has announced the creation of "Basquevolt" to pioneer production of solid-state battery cells in the autonomous Spanish-French region in Western Europe. Basquevolt solid-state battery initiative targets 10GWh production by ...



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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 this year; The plant was built in just 8 months, covers 4,500m² and has the capacity to house 80 workers between engineering and production functions.; It is divided into 4 rooms and has processes that meet the current standards of the ...

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 ...

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 in 2027.. In its search for international alliances with the best experts in the industry, Basquevolt has signed this collaboration agreement with both multinationals to design, test and develop an ...

Basquevolt, a Basque initiative with the ambition to become a European leader in solid-state batteries, was launched on Friday with its backers including the Basque government, through venture capital fund Ezten, and Spanish utility Iberdrola SA (BME:IBE). ... The solid-state battery technology is said to be becoming the strategic focus of the ...

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Basque solid state battery initiative launched. Basquevolt, an initiative of the Basque government with founder investors the energy companies Iberdrola and Enagás, industrial group CIE Automotive and research ...

Basquevolt has reported new strides in its solid-state battery journey. In just nine months, they've progressed from assembling 1Ah cells to now 20Ah cells. They said this is a key step towards its plan to create solid-state cells with an ...

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, a specialist in solid-state technology for mobility and stationary energy storage applications, backed by EIT InnoEnergy, the innovation engine for sustainable energy supported by the European Institute of Innovation and Technology, an institution of the European Union, has revealed its research and development centre will deliver 100% ...

The company has started the 3 rd 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



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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 ...

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.

In its quest to attract the best talent in the battery industry and establish collaboration frameworks with prestigious partners and institutions worldwide, Basquevolt has met this week with representatives of the Japan External Trade Organization - JETRO and the multinational HITACHI.. The Milano-based company has two important milestones in 2023: the start-up of ...

Basquevolt is a leader in solid state battery technology. The goal of BASQUEVOLT is to take the lead in Europe for the upcoming generation of solid-state lithium batteries. Our technology will make it possible to widely use electric vehicles, stationary energy storage, and cutting-edge portable electronics.

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