



# French Polynesia 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 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.

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](http://aboutbasquecountry.eus) mantentzen!

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.

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.

**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 ...

Schneider Electric, Basquevolt and the Catalan company COMEXI will collaborate in the development of high-precision machinery for finishing batteries, thus contributing significantly ...

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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, I&#241;igo ...

BASQUEVOLT aspira a convertirse en el l&#237;der europeo de la pr&#243;xima generaci&#243;n de bater&#237;as de litio de estado s&#243;lido. La tecnolog&#237;a de BASQUEVOLT har&#225; posible el despliegue masivo del transporte el&#233;ctrico, el almacenamiento de energ&#237;a estacionario y los dispositivos port&#225;tiles avanzados. Para m&#225;s informaci&#243;n: basquevolt

Basque solid state battery initiative launched. Basquevolt, an initiative of the Basque government with founder investors the energy companies Iberdrola and Enag&#225;s, ...

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

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, Enag&#225;s, EIT InnoEnergy, and CIC energiGUNE, whose research has facilitated ...

In this sense, the future solid-state battery factory that will be located in the Basque Country with an investment of 700 million will generate the project called Basquevolt, ...

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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 ...

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En total, Basquevolt est&#225; invirtiendo cerca de 40 millones de euros en su tecnolog&#237;a, cuya filosof&#237;a, asegura Carranza, forma parte de la que debe ser la estrategia de ...

Wh/l and 450 Wh/kg), while significantly reducing overall battery pack costs. BASQUEVOLT battery cells can be produced through a more efficient less complex process, creating a 30% reduction in the capital investment needed per GWh in a gigafactory and 30% less energy used per kWh produced, compared to lithium-ion batteries.

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.. In line with the European Battery Strategy, driven by Commissioner Maro? ?ef?ovi?, BASQUEVOLT will work with other European partners to accelerate the ...

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