

How will the EU contribute to battery innovation & manufacturing?

Within a year of the launch, the Commission action plan is in place, the first pilot production facilities are being built and further projects are announced to establish the EU as the lead player in the strategic area of battery innovation and manufacturing.

How can the European Commission support a resilient battery ecosystem?

The European Commission is committed to mobilising much-needed investments in new and transforming technologies to support a resilient European battery ecosystem. We are combining different financial instruments to target our support in the most efficient way and maximise private investment.

Why is Europe a global leader in sustainable battery production & use?

Batteries are a strategic part of Europe's clean and digital transition and a key enabling technology, essential to the automotive sector's competitiveness. Therefore, the Commission aims to make Europe a global leader in sustainable battery production and use.

How much will the EU spend on battery research in 2021?

In 2021, the Commission launched calls for proposal for battery research projects of EUR160 million. The calls were a success: they resulted in 61 projects proposals being submitted. In total, some EUR925 million will be allocated to battery research from the EU budget up to 2027.

What is batteries Europe?

Batteries Europe is the platform bringing together all relevant stakeholders in the European batteries research and innovation ecosystem in order to develop and support a competitive battery value chain in Europe.

What is the European Battery Alliance?

The industry-led European Battery Alliance was established in October 2017 to achieve strategic autonomy in one of the most fundamental sectors of the future green and digital economy. Currently, the Alliance counts over 700 industrial and innovation members.

fully dependent of foreign batteries. This project report focuses on the high-level progress of some of the Battery value chain approach initiatives that have been created in the context of the European Battery Alliance. These examples of projects that have been initiated are in line with the general goals and objectives as specific originally when defining the EBA back in 2017 - ...

European funding opportunities. Horizon Europe is the EU's key funding programme for research and innovation with a budget of EUR95.5 billion. The calls in the link below come from different open Horizon Europe calls that are of direct or indirect relevance ...

need for EU funding for research on battery technologies. 80-83 Conclusions and recommendations. 84-90 Annexes. Annex I - Sample of EU-funded projects in the battery value chain examined for this audit. Annex II - ECA analysis of selected actions in the 2018 strategic action plan on batteries. Annex III - Battery production capacity per ...

NEW YORK, OSLO, Norway & LUXEMBOURG--FREYR Battery (NYSE: FREY) ("FREYR"), a developer of clean, next-generation battery cell production capacity, has announced that the company has been awarded ...

Batteries Europe will gather research, industry, member state representatives and the EU Commission to identify and prioritise the main research and innovation needs for the whole battery value chain in Europe. To achieve its objective, Batteries Europe will conduct several initiatives. First, a Strategic Research Agenda will be developed. This ...

With a budget of 138 million euros, the next Horizon Europe call for projects, in which batteries play a prominent role, opens on 28 April and closes on 6 September 2022. ...

So far, 111 industrial battery projects are being developed across EU Member States, with some 20 battery cells Gigafactories. The EU is set to meet 69% and 89% of its increasing demand for batteries by 2025 and 2030 respectively, and should be capable of producing batteries for up to 11 million cars per year.

In the EU, polluters have to pay for their greenhouse gas emissions via the EU Emissions Trading System (ETS). The money raised via this system is reinvested into the Innovation Fund: one of the world's largest funding programmes for ...

Most of the experts from the working group on batteries are now strongly involved in Batteries Europe, which has also attracted many new industrial, research and national representatives. In addition, the work on batteries is supported by the coordination and support action BATTERY 2030+, which is focused on long-term, ICT-driven battery research.

SOLVE is an EU-funded project aiming to develop the batteries of the future: safer, with enhanced performance and fast-charging capabilities, and with highly sustainable and circular manufacturing.

Today, the European Commission and the European Investment Bank (EIB) are announcing a new partnership to support investments in the EU's battery manufacturing ...

The emerging digitalised era calls for a paradigm shift in the way batteries are designed and created. The EU-funded BATTERY 2030 project is focussing on a ...

As climate worries and electric vehicle demand have risen, the project is among several EU initiatives to try boosting local battery supplies - but those efforts were dinged last year by the European Court of Auditors for

inadequate coordination. The response was the publication in February of a new Strategic Research and Innovation Agenda (SRIA) by BATT4EU. It lays out ...

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