

Battery Processing Project Cooperation Proposal

What will a successful battery project deliver?

Successful projects are expected to deliver on both following points: An increase of the net useful mass and volumetric energy density of the battery system between 10% and 30% compared to the state-of-the-art battery systems. The improvement of the safety by design measures throughout the battery lifetime and during operation.

What is a battery system project?

The projects are to focus on the battery system level, i.e., on the integration of battery cells into a battery system (e.g., a battery pack), considering mechanical, electrical and thermal aspects.

What is the EU-funded MeBattery project?

The EU-funded MeBattery project aims to lay the foundations of a next-generation battery technology that will potentially help overcome the critical limitations of established flow and static battery systems in energy storage. The proposed battery technology will leverage the intrinsic benefits of a redox flow battery system.

How can a project contribute to the coordination and support action?

Projects may collaborate and/or contribute to the activities of the Coordination and Support Action defined under the topic HORIZON-CL5-2022-D2-01-08. International cooperation with Africa, the Mediterranean Region, and the United States is encouraged. This topic implements the co-programmed European Partnership on Batteries (Batt4EU).

How can Bpifrance support innovation in batteries?

Bpifrance has launched a call for projects to encourage and support research and innovation in batteries in line with its ambition to support entrepreneurs towards a more sustainable development. Transition towards clean energies also brings innovations in energy storage, including in batteries.

What should a proposal include in the Strategic Research & Innovation Plan?

Proposals should indicate to which chapters of the Strategic Research and Innovation Plan for chemicals and materials they will contribute. Projects may collaborate and/or contribute to the activities of the Coordination and Support Action defined under the topic HORIZON-CL5-2022-D2-01-08.

Battery Storage Proposal, Pricing, and Project Completion Guarantee - Offer Good Through June 15, 2021
Large commercial and industrial power consumers in Ontario pay 65% more for electricity than large consumers in the rest of Canada. This is due to the structure of the Global Adjustment (GA) charge. Convergent Energy + Power (Convergent) is the most dependable ...

With a consortium formed by 16 international partners from across the entire European battery value chain,



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SOLVE will focus on the development of 10-20 Ah Gen4b solid ...

NEWS RELEASE - 17 November 2023. A new call for research proposals to support advanced lead battery innovation for energy storage systems (ESS) has been launched by the Consortium for Battery Innovation (CBI), the world's ...

In line with this idea, Bpifrance wants to support batteries innovations & technologies by providing a grant and a recoverable advance to the selected projects, with a focus on automotive industry, including aeronautics or electric buses and trucks. Open until January 2023, the call for proposals accepts projects led by French companies ...

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The Korean SungEel HiTech group has succeeded for the first time in recovering large quantities of raw materials from used lithium-ion batteries. Beyond battery processing, the company actively promotes the use of sustainable, environmentally friendly battery recycling technologies and strives to increase the proportion of recyclable materials in ...

A new call for research proposals to support advanced lead battery innovation for energy storage systems (ESS) has been launched by the Consortium for Battery Innovation (CBI), the world's only pre-competitive lead ...

Proposals are expected to cover research and innovation activities with focus on improved battery metal and material production, refining and recovery while minimizing ...

2020 Request for Proposals Research for energy storage systems For the first time, CBI, which promotes cutting-edge research and innovation in advanced lead batteries, is seeking research bids focused on facilitating the latest understanding in energy storage applications such as microgrids for renewable energy, load following for electrical grids, and ...

Building upon the shared data infrastructure, standards and protocols developed in the BATTERY 2030+ initiative, this call topic addresses the need of increasing the level of autonomy in the MAP-based discovery and development process. The proposal should also cover the contribution and collaboration to the BATTERY 2030+ large scale ...

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Toronto, Ontario - (September 10, 2024) - Electra Battery Materials Corporation (NASDAQ: ELBM; TSX-V: ELBM) ("Electra" or the "Company") today provided an update on its financing strategy for North America's first battery grade cobalt refinery, announcing that it has received a non-binding term sheet for a \$20 million prepayment facility from an arms-length strategic ...

The EU-funded MeBattery project aims to lay the foundations of a next-generation battery technology that will potentially help overcome the critical limitations of established flow and ...

Proposals are expected to cover research and innovation activities with focus on improved battery metal and material production, refining and recovery while minimizing environmental impact of downstream processing by addressing all of the following points:

Environmentally beneficial processes for battery pre-treatment (pre-processing and separation) of the main elements to decrease the CO₂ footprint and other emissions of the recycled materials. Safe technologies aimed at improved recovery yield, increased quality and purity level of the recycled/recovered materials, improved impurity removal.

In early September, HLI Green Power - a joint venture (JV) between Hyundai Mobis (25%), Hyundai Motor Company (15%), Kia Corporation (10%), and LG Energy Solution (50%), the world's largest lithium-ion battery manufacturer - closed a \$711 million export credit untied financing facility to fund development of a new electric vehicle (EV) battery ...

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