



# Battery key materials project announcement

How much economic impact will a new battery project have?

The project will generate \$4.4 billion in total economic impact during its three-year construction period and over the first 10 years of operation. It will enable sourcing of critical battery materials from within the U.S. and reduce the dependence on foreign material suppliers.

How will the CAM Project Impact the battery industry?

The CAM project will create \$299M in economic impact during construction and \$123M per year in ongoing activity. It will enable sourcing of critical battery materials from within the U.S. and reduce the dependence on foreign materials and foreign cathode material suppliers.

What is the battery interface genome - materials acceleration platform (big-map)?

**Aims and goals** With the development of the Battery Interface Genome - Materials Acceleration Platform (BIG-MAP), we are proposing a radical paradigm shift in battery innovation, which will lead to a dramatic acceleration of battery discovery, achieving a 5-10-fold increase relative to the current rate of discovery within the next 5-10 years.

How many jobs will a battery project support?

The portfolio of selected projects, once fully contracted, are projected to support over 8,000 construction jobs and over 4,000 operating jobs. Batteries are critical to strengthening the U.S. grid, powering American homes and businesses, and supporting the electrification of the transportation sector.

How can we reduce the cost of battery manufacturing?

The work led by Professor Emma Kendrick and Professor Peter Slater will involve: targeting new materials to extend car ranges and reduce charging times investigating strategies to reduce the cost of battery manufacturing eliminating reliance on Ni and Co, thus reducing material costs

What is the EBA strategic battery materials fund?

With a target size of EUR 500 million, the 'EBA Strategic Battery Materials Fund' (EBA Materials Fund or the 'Fund') builds upon the success of the European Battery Alliance (EBA250) in its mission to create a resilient European battery industry.

This funding opportunity announcement from the Department of Energy's National Energy Technology Laboratory solicits applications for funding under the Bipartisan Infrastructure Law to support battery materials processing and battery manufacturing projects. Up to \$3.5 billion will be awarded across eight Areas of Interest related to lithium-ion and other ...

Sunrise Battery Materials Complex . As one of the largest nickel-cobalt-scandium deposits in the world, with



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all key permits and approvals in place, the Sunrise Project is uniquely placed to become a strategic supplier of battery raw materials and aluminum-scandium alloys. Sourcing 100% renewable power, the Sunrise Project is designed and engineered to optimize the ...

The Department of Defense announced today a \$20 million award via the Defense Production Act Investments (DPAI) office to Electra Battery Materials Corporation (Electra).

According to the agreement between the two parties, the BTR Mediterranean project is located in the Tangier Science and Technology Park in Morocco, and will build a ...

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Led by Prime Minister Akhannouch, Morocco signed a \$297 million investment agreement with BTR New Material Group to promote the production of key components for electric vehicle batteries. According to the agreement, the two parties will collaborate to build an electric vehicle negative electrode material factory in the Mohammed VI Tangier ...

Altech's R& D team working on its proprietary battery materials coating technology in its Perth lab laboratory. ALTECH PROGRESSES WITH COMMERCIALISATION OF ITS BATTERY MATERIALS COATING TECHNOLOGY. Altech has acquired a ~14-hectare industrial site within the Schwarze Pumpe Industrial Park in Saxony, Germany, for the battery materials project ...

BIG-MAP will deliver a transformative increase in the pace of new discoveries for engineering and developing safer, longer-lived, and sustainable ultra-high-performance batteries, by creating an autonomous, "self-driving" laboratory capable of designing and synthesising novel battery materials, and of orchestrating and interpreting ...

Today, Umicore serves its battery materials customers in Europe through its cathode precursor and cobalt refining plant in Kokkola, Finland, and its battery materials plant in Nysa, Poland, which is the continent's first industrial-scale cathode materials plant. In Asia, Umicore serves its customers from its plants in Jiangmen, China, and Cheonan, Korea. As ...

-- The U.S. Department of Energy (DOE) today announced an investment of \$25 million across 11 projects to advance materials, processes, machines, and equipment for ...

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In line with the EU's Critical Raw Materials Act (CRMA) requirements to decrease the EU's overreliance on



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foreign supply, the fund aims to boost domestic capacities for strategic battery materials such as lithium, nickel, cobalt, manganese, and graphite.

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PEA Highlights Shaakichiuwaanaan Project as a Potential North American Lithium Raw Materials Supply Base Read More -> August 21, 2024 Corporate News . Senior Mining Executive Alex Eastwood to Join Patriot Battery Metals Read More -> August 15, 2024 Corporate News. Exploration Target for the Shaakichiuwaanaan Lithium Project Outlines ...

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Through this project, Anovion will invest in large-scale battery materials manufacturing and strengthen the domestic lithium-ion battery supply chain critical to multiple industries - ...

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