



DR Congo battery solutions

Can the Democratic Republic of the Congo produce lithium-ion battery cathode precursor materials?

London and Kinshasa, November 24, 2021 - The Democratic Republic of the Congo (DRC) can leverage its abundant cobalt resources and hydroelectric power to become a low-cost and low-emissions producer of lithium-ion battery cathode precursor materials.

Is DRC a good destination for sustainable battery manufacturing?

Study identifies DRC as a favorable destination for the manufacturing of sustainable battery materials used in high-nickel batteries

Should lithium-ion batteries be expanded to DRC and Africa?

"As substantiated by the BloombergNEF report, the prospect of the expanding the value chain of development of lithium-ion batteries and electric vehicles value chains to DRC and Africa is both financially and environmentally appealing," commented Dr. Sidi Ould Tah, Director General of the Arab Bank for Economic Development in Africa (BADEA).

How much cobalt does the DRC produce?

"The DRC produces about 70 per cent of global cobalt but captures just 3 percent of the battery and electric vehicle value chain.

How much would a DRC plant cost?

This is three times cheaper than what a similar plant in the U.S. would cost. A similar plant in China and Poland would cost an estimated \$112 million and \$65 million, respectively. Precursor material produced at plants in the DRC could be cost competitive with material produced in China and Poland but with a lower environmental footprint.

Could African countries play a major role in the lithium-ion battery supply chain?

African countries could play a major role in the lithium-ion battery supply chain by taking advantage of their abundant natural resources and onshoring more of the value chain.

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The DRC-Africa Battery Metals Forum is an important convening to further the vision to develop a local battery value chain in the DRC and to bring more prosperity to the Congolese people. It can help ensure that ...

The private sector, politicians, regional institutions, and financial partners are rallying behind Africa's first electric battery manufacturing initiative taking shape in the Democratic Republic of Congo. Participants to a recent ...

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The expansion of global demand gives the Congo the opportunity to position itself as a key player. 02. ...
Discover the latest information on the management of the electric battery value chain in the Democratic Republic of Congo. On 17 July ...

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Sharm El-Sheikh, Egypt: With the world adopting cleaner energy transitions, ambitious efforts to accelerate plans for low-cost and low-emissions lithium-ion battery cathode precursor materials in the Democratic ...

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