

# Democratic Republic of Congo makes lithium batteries

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.

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).

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.

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

How can Africa extend its access to the battery industry?

In so doing, the country and the rest of Africa can extend their access from the USD271 billion battery precursor segment to the more lucrative USD1.4 trillion combined battery cell production and cell assembly segments of the battery minerals global value chain.

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.

The Democratic Republic of Congo (DRC) could build its own factory for the local manufacture of batteries for electric vehicles, thanks to its natural resources, notably ...

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The Democratic Republic of the Congo (DRC) holds a remarkable 51% of the world's cobalt reserves and possesses substantial hydroelectric power potential. This unique positioning places the country in an ideal

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position to emerge as a low-cost and low-emissions producer of lithium-ion battery precursor materials and cells, according to a report ...

The Democratic Republic of the Congo could leverage its abundant cobalt resources and hydroelectric power to become a low-cost, low-emissions producer of lithium-ion battery cathode precursor materials.

With its large reserves of lithium and cobalt, the DRC has a major role to play in the energy transition. Indeed, these elements are essential components for the manufacture of electric vehicle batteries. The expansion of global demand gives the Congo the opportunity to position itself as a key player. 02. Latest news. Discover the latest information on the management of ...

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The proven and probable reserves of the Manono project are estimated at 93 million tonnes (Mt) grading 1.58% Lithium oxide (Li<sub>2</sub>O) and 988g/t of Tin (Sn), as of April 2020.. Mining methods. The Manono project will utilise conventional open-pit mining methods of drill and blast with articulated haul trucks and hydraulic excavators.. The drill and blast method will be ...

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