

# DR Congo battery manufacturers in

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.

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.

Where is the Democratic Republic of the Congo located?

The Democratic Republic of the Congo is a country located in the African Great Lakes region of Central Africa. It is the second largest country in Africa by area and the eleventh largest in the world.

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.

Is Africa a good place to buy a battery?

Africa has a wealth of critical battery raw materials and is in a position to use these to attract more value-add in downstream processing and manufacturing."

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.

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 green transition is one that is just and one that everyone can benefit from in an equitable way.

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The move aimed to encourage investments in a local EV batteries supply chain, including the development of refineries, cathode manufacturers, battery assembly lines, and potentially even EV factories (Schröder and Iwasaki 2023).

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.

The objective of this study is to determine the cost of producing lithium-ion battery precursors in the Democratic Republic of Congo (DRC) and benchmark the cost to that of the U.S., China ...

DR Congo has rich lithium reserves, creating potential for a significant role in the global market; The lithium industry in the DRC is in its early stages, facing governance and environmental challenges; Responsible supply chain management is crucial for the sustainable development of DRC's lithium sector; DR Congo's Wealth in Minerals

Zambia and the Democratic Republic of Congo (DRC) are aiming to process their own raw materials, such as cobalt, rather than simply exporting them. The two countries plan to set up a special economic zone to turn the raw material into ...

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As the world's largest producer of cobalt, the Democratic Republic of Congo (DRC) no longer wants to settle for the role of a raw material supplier. Instead, it wants to build its own battery supply chain in the country. ...

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