

DR Congo dalian battery

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

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.

What is the DRC's cobalt supply chain MoU?

The MOU supports the DRC and Zambia's goal of building a productive supply chain, from the mine to the assembly line, while also committing to respect international standards to prevent, detect, and take legal action to fight corruption throughout this process. The DRC produces more than 70 percent of the world's cobalt.

Why did Belgium return a single tooth to the Congo?

Belgium returned a single tooth to the Congo this week. Here's why The first democratically elected president of the Congo [in 1960], Patrice Lumumba, made a pledge that the country's immense mineral riches and resources would be used for the benefit of the people who live there.

As the world transitions to electric vehicles (EVs), companies are racing to secure and strengthen their positions in the battery supply chain, from mineral extraction and processing to battery and EV manufacturing. [...] And in what has been dubbed, the "battery arms race", China is in pole position. [...]

The mineral-rich Democratic Republic of the Congo (DRC) is often portrayed as a victim of exploitation by China, the US and Europe in their competition for its minerals, which are critical for the energy transition. But our research has found that the DRC can influence the shape of the cobalt market, in which it is the single largest producer.

DALIAN, China -- China Molybdenum, the world's second-leading producer of cobalt, plans to roughly double its output to meet growing demand for the key battery material, with an eye on ...

The leaders of the Congolese Battery Council -CCB-, a state structure created on December 6, 2022, discussed, on Monday December 11, 2023, with experts and investors around the feasibility of its sovereign mission mainly focused on the creation of a value chain for the manufacturing of batteries and electric vehicles during this period of ...

Discover the latest information on the management of the electric battery value chain in the Democratic Republic of Congo. On 17 July 2024, the Minister for Industry, SMEs and SMIs, Mr Louis Kabamba Watum, visited the CCB's general management.

Cobalt is a critical element in many lithium-ion battery technologies, which are used in most consumer electronics such as mobile phones and laptops; and more recently, in electric vehicles. Almost three-quarters of the world's cobalt is mined in the Democratic Republic of Congo (DRC).

Phone and electric car batteries are made with cobalt mined in the Democratic Republic of Congo. Cobalt Red author Siddharth Kara describes the conditions for workers as a "horror show ...

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