

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 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.

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 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.

Why does the DRC rely on hydroelectric power plants?

This is due to the DRC's proximity to cathode raw materials and heavy reliance on hydroelectric power plants.

A project combining gas turbines and BESS technology in the Czech Republic has been put into commercial operation. Varta receives EUR300m funding to pilot large format Li-ion cells ... News in brief: Australia gets its largest battery storage system to date, Tesla man persuaded to go back to Sonnenbatterie and Gildemeister installs PV-linked ...

South Korea Exports of electric accumulators to Republic of the Congo was US\$510 during 2020, according to the United Nations COMTRADE database on international trade. South Korea Exports of electric accumulators to Republic of the Congo - data, historical chart and statistics - was last updated on September of 2023.

Republic of the Congo Exports of electric accumulators to Indonesia was US\$412 during 2011, according to the United Nations COMTRADE database on international trade. Republic of the Congo Exports of electric accumulators to Indonesia - data, historical chart and statistics - was last updated on May of 2023.

Turkey Exports of electric accumulators to Republic of the Congo was US\$561.54 Thousand during 2022, according to the United Nations COMTRADE database on international trade. Turkey Exports of electric accumulators to Republic of the Congo - data, historical chart and statistics - was last updated on December of 2024.

South Korea Imports from Republic of the Congo of Electric Accumulators was US\$15.74 Million during 2015, according to the United Nations COMTRADE database on international trade. South Korea Imports from Republic of the Congo of Electric Accumulators - data, historical chart and statistics - was last updated on November of 2023.

Ghana Exports of electric accumulators to Republic of the Congo was US\$23.68 Thousand during 2013, according to the United Nations COMTRADE database on international trade. Ghana Exports of electric accumulators to Republic of the Congo - data, historical chart and statistics - was last updated on March of 2024.

Republic of the Congo (the "DRC"), and the Republic of Zambia ("Zambia") (hereinafter collectively referred to individually as a "Participant" and jointly as the "the Participants"); SEEKING to facilitate the development of an integrated value chain for the production of electric vehicle (EV) batteries in the DRC and Zambia,

Zambia and the Democratic Republic of Congo (DRC) want to use the 70% of the world's cobalt reserves in their subsoil for the local manufacture of batteries for electric vehicles. The two border states have signed a memorandum of understanding to create a joint value chain for the electric mobility and clean energy sectors.

Gabon Exports of electric accumulators to Republic of the Congo was US\$173 during 2020, according to the United Nations COMTRADE database on international trade. Gabon Exports of electric accumulators to Republic of the Congo - data, historical chart and statistics - was last updated on February of 2024.

South Africa Exports of electric accumulators to Republic of the Congo was US\$60.11 Thousand during 2022, according to the United Nations COMTRADE database on international trade. South Africa Exports of electric accumulators to Republic of the Congo - data, historical chart and statistics - was last updated on December of 2024.

Tanzania Imports from Republic of the Congo of Electric Accumulators was US\$145 during 2016, according to the United Nations COMTRADE database on international trade. Tanzania Imports from Republic of the Congo of Electric Accumulators - data, historical chart and statistics - was last updated on May of 2023.

Serbia Exports of electric accumulators to Republic of the Congo was US\$9.72 Thousand during 2015, according to the United Nations COMTRADE database on international trade. Serbia Exports of electric accumulators to Republic of the Congo - data, historical chart and statistics - was last updated on March of 2023.

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Congo Imports of electric accumulators from Czech Republic was US\$64.84 Thousand during 2020, according to the United Nations COMTRADE database on international trade. Congo Imports of electric accumulators from Czech Republic - data, historical chart and statistics - was last updated on April of 2023.

Uganda Exports of electric accumulators to Republic of the Congo was US\$300 during 2020, according to the United Nations COMTRADE database on international trade. Uganda Exports of electric accumulators to Republic of the Congo - data, historical chart and statistics - was last updated on February of 2023.

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 ...

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