



DR Congo battery breakthrough initiative

Should the DRC consider the precursor initiative in 2024?

Based on available information, we see four issues around the precursor initiative that the two governments should consider in 2024: Stakeholders suggest that this remains a point of disagreement between the DRC and Zambia.

How will precursor production benefit the DRC and Zambia?

People in the DRC and Zambia could benefit greatly from precursor production in their countries, particularly if the associated energy and transport infrastructure is leveraged for wider use. However, government efforts in other policy areas will be at least as important.

How will the US work with the DRC and Zambia?

The U.S. government will work with the DRC and Zambia to ensure the private sector has a level playing field to participate in these projects. The Memorandum of Understanding is available here. For further media information, please contact ENR-PD-Clearances@state.gov.

Can the DRC and Zambia refine cobalt into sulfate?

The DRC and Zambia will find it challenging to source a sufficient amount of ores of the three metals and refine them into sulfates without involving other countries in the region. Neither the DRC nor Zambia currently refines any cobalt production into sulfate, but prospects are promising.

Can China influence cobalt production in the DRC and Zambia?

China's dominance of cobalt production in the DRC and Zambia, including through state-owned companies, means it could have a significant influence on the precursor plant, but its role is uncertain. Congolese and Zambian civil society actors are concerned about the lack of information and limited stakeholder consultation.

The Democratic Republic of Congo (DRC) could become a major low-cost and low-emission producer of lithium-ion (Li-ion) battery precursors, says research company BloombergNEF in a report, but the country must move beyond the simple export of raw materials.

The DRC's Prime Minister said the plan is to "develop a regional value chain around the electric battery industry." The DRC controls nearly 50% of the world's cobalt reserves. With an estimated...

Consultation has opened on the Australian Government's \$523 million Battery Breakthrough Initiative, being delivered by the Australian Renewable Energy Agency (ARENA).. Announced in the 2024-25 Federal Budget in May, the Battery Breakthrough Initiative aims to fund projects that enhance the development of Australia's battery manufacturing capability to improve supply ...



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The plan to develop an electric battery supply chain opens the door for open and transparent investment to build value-added and sustainable industry in Africa and creating a just energy transition for workers and local ...

A massive cholera-busting initiative partnered by the UN is underway, with more than 1.2 million rapid diagnostic tests for the disease heading to 14 countries. ... Security Council condemns DR Congo attacks, cholera testing breakthrough, "my health, my right" campaign, </cite>Inter Press Service</cite>, Friday, April 05, 2024 (posted by ...

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US Secretary of State Antony Blinken signed a memorandum of understanding with the Democratic Republic of Congo and Zambia to explore ways to support their plan to develop an electric-vehicle value chain together. The two Central African countries are major producers of copper and cobalt, key metals in electric vehicles and batteries.

"The DRC has set a goal to become one of the world's largest battery producers around 2030 or 2040," he says. At the conference, there is also talk of Congo as a future producer of e-cars.

"The Battery Breakthrough Initiative will aim to commercialise battery manufacturing technology and processes, provide clean energy opportunities for Australia's workforce and allow Australia to leverage its expertise in energy storage." We want to work with industry to identify where the opportunities are to supercharge Australia's battery

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The joint Battery and Electric Vehicle (BEV) initiative on the establishment of a value chain in the electric battery and clean energy sector is supported at the highest political level in both countries. In the DRC, the President established the Congolese Battery Council and appointed its leaders by Presidential Decree No 0314/02/2023.

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.



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Battery Breakthrough Initiative open for consultation . ???Anthony Albanese????????Ed Husic?(2024)?5?23????????,????????(National Battery Strategy),????????????????????ESG???????? ...

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 forum dubbed "Africa-DRC Business Forum" showed a lot of enthusiasm in the project.

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In December 2022, at a sideline event during the U.S.-Africa Leaders Summit in Washington, the United States signed a trilateral memorandum of understanding (MOU) with the Democratic Republic of the Congo (DRC) and Zambia for the development of an integrated value chain for the production of electric vehicles (EV) batteries.

One key initiative is the partnership between the Democratic Republic of the Congo (DRC) and Zambia to produce nickel, manganese and cobalt (NMC) battery precursors. A precursor is an intermediate input to a complete battery, which the two countries aim to ...

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The Australian Renewable Energy Agency (ARENA) confirmed last week (11 September) that the AUS\$523 million Battery Breakthrough Initiative has opened a consultation into the scheme. The Battery Breakthrough Initiative announced in the 2024-25 Federal Budget in May, aims to fund projects to enhance Australia's battery manufacturing capability ...

Consultation has opened on the federal government's \$523 million Battery Breakthrough Initiative, which will be delivered by the Australian Renewable Energy Agency (ARENA). Central to the National Battery Strategy, ARENA will be working closely with the Department of Industry, Science and Resources (DISR). ADVERTISEMENT "Energy storage ...

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recent ...

His merits include leading battery design, factory design and construction for BYD, the world's largest electric vehicle supplier and a top tier battery company. At BYD, Mr. Shen led the design and construction of the first battery manufacturing base in China with a capacity above 10 GWh and the design of the first LFP-battery for xEVs.

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