

Electric vehicle costs sahwari arab democratic republic

The electric vehicle (EV) revolution is sweeping the world, and Sub-Saharan Africa (SSA) is no exception. SSA faces unique obstacles to wider scale EV adoption, including the absence of clear policies, high purchase prices, inadequate infrastructure.

A new World Bank report makes a strong economic case for wider adoption of electric vehicles in developing countries, with advantages that range from improved public health, to less urban traffic congestion, to a decrease in dependence on expensive imported fossil fuels.

Combining historical analysis with projections to 2030, the report examines key areas of interest such as electric vehicle and charging infrastructure deployment, ownership cost, energy use, carbon dioxide emissions and battery material demand.

The Sahrawi Arab Democratic Republic, [e] also known as the Sahrawi Republic and Western Sahara, is a partially recognized state, located in the western Maghreb, which claims the non-self-governing territory of Western Sahara, but controls only the easternmost one-fifth of that territory. It is recognized by 44 UN member states and South Ossetia.

This Viewpoint has highlighted how EVs could be good for SSA, providing benefits such as vehicle emission reductions of over 90%, decreased petroleum subsidies which are currently nearly US\$200 per capita in South Africa, a flexible load to support the electricity network which could be worth up to US\$14 billion in revenue per annum, cheaper ...

Kinshasa/Addis Ababa/Yaounde/Cairo/Khartoum/Lagos/Abidjan (01 November 2021) - President Félix-Antoine Tshisekedi Tshilombo of the Democratic Republic of the Congo (DRC) will, from 24 to 25 November 2021, host and officiate a multi-stakeholder Business Forum to foster the development of a robust battery, electric vehicle (BEV) and renewable energy value chain and market in Africa.

Developing such a value chain would enable Africa to capture a larger share of this expanding BEV market projected to be worth US\$8.8 trillion by 2025 and US\$ 46 trillion by 2050

The DRC-Africa Business Forum to be held in a hybrid format, in Kinshasa and online, is convened by the Government of the DRC through the Ministry of industry together with the UN Economic Commission for Africa (ECA), Afreximbank, the African Development Bank (AfDB), the Africa Finance Corporation (AFC), the Arab Bank for Economic Development in Africa (BADEA), the African Legal Support Facility (ALSF), and the UN Global Compact.

A prime objective of the event is to help change the fortunes of the Congolese people and those of other African countries by adding more value to their endowments in battery minerals including cobalt, copper, lithium, manganese, nickel and graphite, to profit from the global transition towards green energy, electrification of transport systems and rapid decarbonization. The net zero ambitions by 2050 makes this an urgent task.

The DRC supplies about 70% of the world's cobalt used in the production of batteries, an essential component to power electric vehicles (EVs) and to store energy in solar and wind energy systems. The country is locked in the lower end (mining and mineral processing) of the value chain, capturing only 3% of the global battery and EV value chain.

"Conscious of this possibility, we have embarked on a series of reforms, aimed in particular, at improving the business climate and the legal and regulatory framework with a view to making our country a destination of choice for various classes of investors," he said.

"Our ultimate objective remains the creation of added value by companies wishing to contribute to the achievement of sustainable development objectives - the SDGs - but also to integrate the local economy into global value chains so as to strengthen the competitiveness of local small and medium-sized enterprises on the one hand, and the creation of decent jobs for young people on the other," the President affirmed.

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