

Bamako electric vehicle range

Angata, which translates to "Let's go" in Bambara, aims to revolutionize transportation in Bamako by offering electric vehicles (EVs) powered by solar energy. The company will initially focus on selling electric cars and taxis with a range of up to 300 kilometers. These vehicles will be imported until Ibi Group establishes its own ...

The name, which means "Let's go" in Bambara, will take the people of Bamako down the road to decarbonisation. The start-up specialises in the sale of fully electric vehicles powered by solar panels. These include personal cars and taxis with a range of up to 300 km.

Vehicle leasing could be particularly promising in Bamako and Ouagadougou, as it would help familiarize riders with electric 2& 3W and alleviate negative perceptions related to their range and reliability. Green financing options should be also explored.

Malian entrepreneur and the head of the Malian IBI Motors Group, Ibrahim Diawara, launched a taxi company with 100% electric cars, local media reported. According to the media, the range of these electric cars reaches 300 km. These cars are powered entirely by solar panels.

Traditionally, electric vehicles provide higher torque and efficiency compared to internal combustion engine vehicles [58]. But frequent torque demands needed for climbing hills will lead to higher battery discharge which will shorten the advertised range of the E2& 3W.

The Malian industrial conglomerate Ibi Group, known for its work in aviation, renewable energies, and irrigation systems, has expanded its operations into the urban transport sector with the launch of a new subsidiary, Angata.

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"There's a significant cost difference between traditional gasoline or diesel vehicles and electric vehicles," said Ibrahima Diawara, CEO of Ibi Group.

"Internal combustion engines cost roughly 100 CFA francs (around EUR0.15) per kilometer for small vehicles and 200 CFA francs (EUR0.30) for larger ones. With our electric vehicles, each kilowatt covers 12 kilometers, translating to less than 15 CFA francs (under EUR0.02) per kilometer. That's a major

change!”

Diawara pointed to China, where a significant portion of vehicles on the road are already electric, and upcoming bans on internal combustion vehicles in developed countries by 2035 as evidence of the shift towards electric mobility.

Mali, with its abundant sunshine (averaging 4,200 hours annually), is well-positioned to capitalize on solar energy and reduce reliance on expensive and polluting fossil fuels.

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