Cape verde battery electric vehicles bevs

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The Global EV Outlook is an annual publication that identifies and discusses recent developments in electric mobility across the globe. It is developed with the support of the members of the Electric Vehicles Initiative (EVI). 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 global electric car stock, primarily composed of Battery Electric Vehicles (BEVs) and Plug-in Hybrid Electric Vehicles (PHEVs), surpassed 2 million units in 2016. This is up 60% from 2015, indicating rapid market evolution. Electric Vehicles (EVs) have the capacity to increase energy efficiency, diversify transport energy carriers, and play a role in the sector's carbon emissions mitigation. BEVs and PHEVs are also well equipped to reduce emissions of local pollutants and noise levels in high-exposure areas such as urban environments.

The Government of Cabo Verde has set itself the goal of replacing the country"s entire vehicle fleet with electric vehicles by 2050. Locally generated electricity from renewable energy sources is to replace imported fossil fuels in road transport. In this way, the Government aims to relieve the pressure on its trade balance while at the same time reducing air pollution, noise and greenhouse gas emissions.

However, electric vehicles are still more expensive than conventional vehicles, and the country also lacks expertise in promoting and using electric vehicles. The Ministry of Industry, Commerce and Energy (MICE) has therefore joined forces with the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH and successfully applied for funding from the NAMA Facility to promote the use of electric vehicles. The NAMA Facility is an international climate-financing programme that supports ambitious measures to combat climate change.

The project offers financial incentives via MICE, accomplished through a grant agreement between the German Government and MICE, to encourage people to buy electric vehicles.

The project also supports MICE through a public invitation to tender for selecting one investor to set up a network of public charging stations. For this task, the investor will receive financial support from the project.

In the country"s two largest cities, the project assists the two public transport companies in testing electric

buses by providing technical and financial support.

Three out of 10 households in Cabo Verde own a private car. However, due to the country"s improving economic situation and an increasing demand for individual transport, it is expected that the motorization level will steadily rise in the coming years. Cabo Verde"s government (GoCV) has identified the promotion of electric vehicles (EV) as a strategy for reducing road transport-related greenhouse gas emissions.

2. Establishment of a network of a minimum of 40 public charging stationsConcession Contract signed with local company "Tra??es El?tricas de Cabo Verde" to install and operate the public charging network (first charging stations already installed)

5. Capacity building for sector professionals in Cabo Verde incl. international knowledge exchangeMoUs signed with two major vocational training institutes to provide EV and charging station maintenance training

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