



Electric vehicle infrastructure sierra leone

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Sierra Leone-Power Leone, Energicity Corp subsidiary in Sierra Leone, is excited to announce the recent launch of its electric mobility productive use program with e-bikes proving up to the task of sustainably serving customer demand in Power Leone's minigrid-powered rural communities where motorbikes are the main mode of public transportation.

Energicity's commercial e-bike program was first launched in May 2024, with e-bikes deployed and powered by Power Leone's solar powered minigrids. With these e-bikes, customers can travel more cleanly and affordably. Energicity's Emobility program leverages MAX's M3 bikes that have been tailored to suit west African terrain. At scale, Energicity expects to serve over 1000 customers at scale over its existing portfolio of minigrids and counting across its markets in West Africa.

Energicity is one of the pioneers in bringing electric mobility to rural communities. With its extensive network of minigrids, including the biggest in Sierra Leone, Energicity is able to tap into the unserved demand for more sustainable transportation in areas that would typically be constrained by the lack of electricity infrastructure.

"MAX is glad to collaborate with Power Leone and Energicity to accelerate our mission of using e-bikes to drive sustainable growth and development across Africa. We are excited about the performance of the M3 - our most technologically advanced electric two-wheeler (made specifically for the African terrain) in Sierra Leone, and we look forward to ramping up deployment in the coming months," says Adetayo Bamiduro, CEO and Co-founder of Nigeria-based MAX.

MAX stands at the forefront of innovative solutions, by democratizing access to vehicle ownership and electric mobility across Africa. Through its pioneering tech-driven platform, it offers a spectrum of services, including subscription-based vehicle financing, cutting-edge electric vehicle options, and comprehensive support services. MAX operates out of seventeen locations across Africa.

The Government of Sierra Leone, through the Ministry of Transport and Aviation, has officially launched an e-mobility initiative, introducing electric vehicles, electric tricycles (kekehs), and electric motorbikes alongside charging stations. The launch took place at the Miatta Conference Hall in Freetown.

Speaking at the event, Deputy Minister of Transport and Aviation, Mr. Rex Bonapha, highlighted the durability and efficiency of the electric machines, noting that their charging facilities can sustain operations for extended periods. He emphasized that the initiative is expected to alleviate long queues at fuel stations, create employment opportunities for young people, and contribute significantly to the country's economic growth.

The e-mobility program marks a significant development in Sierra Leone's transport sector, aligning with efforts to modernize infrastructure and reduce reliance on fossil fuels. The initiative has generated widespread public interest and discussions on the country's readiness to compete with other advanced African nations in adopting green technology.

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To mitigate GHG emissions in Sierra Leone by accelerating the introduction of electric mobility through development of legal, regulatory and institutional framework, capacity building, demonstration pilots of electric vehicles, development of business mode

The Global Environment Facility (GEF) is a multilateral fund dedicated to confronting biodiversity loss, climate change, pollution, and strains on land and ocean health. Over the past three decades, the GEF has provided more than \$22 billion in financing and mobilized another \$120 billion for more than 5,000 national and regional projects.

With support from PREO, Mobile Power is now launching Battery swap stations for electric motorbikes in Sierra Leone. The e-motorbikes are rented on a daily basis to drivers of motorcycle taxis known locally as okadas, with MOPO Batteries charged via solar mini-grids. This model deploys the new 1kWh MOPOMax Battery which has been designed to facilitate both productive use and e-mobility solutions. The MOPOMaxBattery will also be incorporated and charged through Mobile Power's country-wide network of MOPO Hubs.

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