



# Electric Mobility in Kenya; Supporting the electrification of Nairobi’s Bus Rapid Transit (BRT)

To make urban mobility more environmentally, socially and economically sustainable and accessible

The transport sector in Kenya, particularly road transport, is a major contributor to greenhouse gas (GHG) emissions. This challenge, and other urban mobility challenges such as congestion, high transport costs and pollution have been on the rise due to rapid population growth.

This project aims to support Kenya’s goals by supporting introduction of electric buses into Nairobi’s Bus Rapid Transit (BRT) system to promote cleaner, more sustainable urban mobility. Key challenges include insufficient infrastructure, lack of public awareness, and the need for better regulatory frameworks.

The project is funded by the **German Ministry for Economic cooperation and Development (BMZ)** and the **European Union** under the **Promotion of Electric Mobility in Kenya project**.

## Our approach




The project focuses on improving the institutional, regulatory and technical enabling conditions for the deployment and operations of electric buses in Nairobi’s BRT System. It includes cooperating with relevant authorities and state institutions and supporting them in the development and introduction of a regulation or standard to enable the deployment and operation of e-buses as well as in institutional coordination.

Target group/partners for the project include (a) national and local government authorities in the policy and regulatory environment; (b) Civil Society Organisations (CSO) advocating for cleaner mobility; (c) industry players within the electric mobility value chain, including those in the public transport sector, and (d) the public.

Project name	Electric Mobility in Kenya; Supporting the electrification the Bus Rapid Transit (BRT) System in Nairobi
Commissioned by	European Union and German Ministry for Economic cooperation and Development
Project region	Kenya
Lead executing agency	Nairobi Metropolitan Area Transport Authority
Duration	43 months (01.06.2023 – 31.12.2026)

## Project outcomes

1. Scope for suitable electric bus rolling stock and equipment for the electric BRT.
2. Raise public awareness about the economic and environmental benefits of electric buses.
3. Develop, enforce and demonstrate electric mobility frameworks for clean electric buses.

<p><b>Development of e-mobility frameworks</b></p>  <p>Develop, enforce and demonstrate electric mobility frameworks through Clean BRT and electric buses.</p>	<p><b>Support towards procurement of suitable electric buses</b></p>  <p>Scope electric buses that are suitable for the Kenyan market, ensuring they are operated under circularity conditions including environmentally safe end-of-life processes such as reuse and recycling of batteries</p>	<p><b>Understanding economic and environmental benefits</b></p>  <p>Increase public awareness on the economic and environmental benefits of clean BRT and electric buses</p>
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