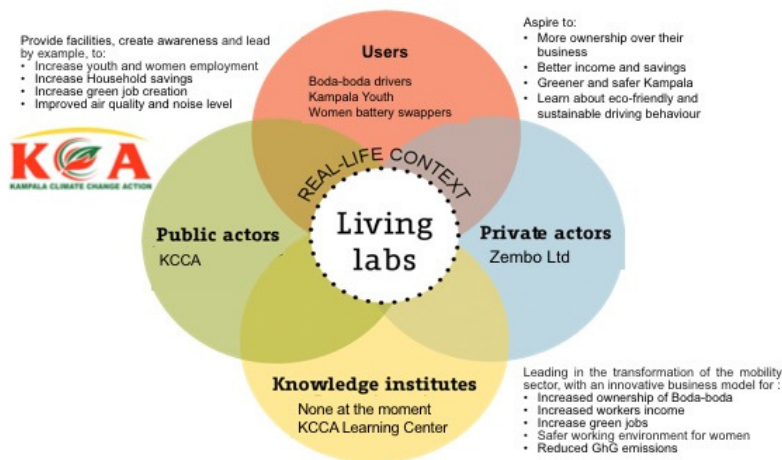


E-Mobility Pilot Project

Modes of transport in Kampala are over-reliant on fossil fuels which has a dramatic impact on air quality, according to the Kampala Climate Action Plan. The pilot action kicks-off with the purchase of four electric motorcycles as part of KCCA's fleet and a solar-powered charging station.

A project designed in a real-life context



Source: FMDV (2021)

What is special about these motorcycles and the charging station?

Zembo offers a rent-to-own electric motorcycle business model to boda-boda drivers; charging and swapping the batteries in their solar stations. KCCA launched a competitive procurement process, which was won by Zembo Motorcycle SMC Ltd– a Kampala-based start-up. See online : www.zem.bo

Zembo has agreed to partner with KCCA to:

- Train the young battery swappers to operate the charging station
- Train KCCA drivers and engineers to use and maintain the electric motorcycle.
- Conduct gender-sensitive training to promote a safe work environment to women swappers.
- Allow the municipal fleet to swap batteries for free for two years at any charging station managed by Zembo.

The e-boda-boda fleet is steadily growing and benefits for residents, workers and delivery companies in Kampala are far greater.

Performance-based and driven by innovative minds

With the Global Fund for Cities Development, KCCA is testing a new way to work with a service provider (start-up) to:

- Design a participatory project that is based on the users' feedback and partners' capacities.
- Learn by doing and solve arising challenges in a collective way.

This is a small-scale pilot as the motorcycle fleet (Petrol and Diesel) of the Authority only represents 6% of its energy consumption. The e-motorbikes are allocated to crucial services in the context of Covid-19 response:

- Rapid accident response
- Vector control services
- Coordination of primary health activities
- Courier services

Engaging the youth

The Directorate of Gender, Community Services and Production led a competitive process among young professionals attending the KCCA learning center where a call for concepts was designed to measure the youth's aspirations to transform the mobility sector in Kampala and their capacities to take action through the pilot project. The interviews were conducted by a panel comprising of two Zembo employees and 1 KCCA Youth Supervisor. Three candidates were selected.



Photo: 09/02/2021