Easing Kenya's Transport Burden: Transforming Mobility with Innovative Electric Motorcycles

Motorcycles in Kenya

With financial and technical support from Persistent, Ecobodaa offers robust motorcycles with an overall maintenance cost that are up to 80% lower than petrol-powered motorcycles.

In pursuit of eco-friendly and efficient transportation, Kim Chepkoit and Stephen Juma, launched Ecobodaa, a visionary tech startup in Kenya. Ecobodaa’s journey began with experimentation with imported electric motorcycles. Even with modifications, these bikes proved inadequate in replacing their petrol-powered counterparts, especially from Persistent, has broken gender barriers but also enriched our company’s perspective and performance.”

“ While motorcycles play a crucial role for many people, they also contribute significantly to environmental harm. According to the UN Environment Programme (UNEP), there are currently:

- 1.5 M Motorcycles worldwide
- 11 B tonnes of carbon dioxide emissions

In May 2021, Ecobodaa imported ten electric motorcycles, with five designated for boda boda and Uber delivery riders. By December 2021, the boda boda motorcycles struggled with heavy loads and rough terrain, while those used by Uber delivery riders, without excessive cargo, continued to operate smoothly.

Support to Ecobodaa has included helping build internal capacity in financial modelling, reporting and data science. Persistent’s support has also been instrumental in achieving our goals. Over three years, we’ve identified key challenges, and we’re well ready for scaling up. And so far, we’ve managed to sell 57 of them.”

With the support of FSD Africa Investments (FSDAi) investee Persistent Energy Capital, Kenyan startup Ecobodaa is preparing to enter the billion-shilling boda boda (motorcycle) and delivery bike industry with made-for-Africa electric motorcycles.

In May 2021, Ecobodaa imported ten electric motorcycles, with five designated for boda boda and Uber delivery riders. By December 2021, the boda boda motorcycles struggled with heavy loads and rough terrain, while those used by Uber delivery riders, without excessive cargo, continued to operate smoothly.

While motorcycles play a crucial role for many people, they also contribute significantly to environmental harm. According to the UN Environment Programme (UNEP), there are currently:

- 1.5 M Motorcycles worldwide
- 11 B tonnes of carbon dioxide emissions

In pursuit of eco-friendly and efficient transportation, Kim Chepkoit and Stephen Juma, launched Ecobodaa, a visionary tech startup in Kenya. Ecobodaa’s journey began with experimentation with imported electric motorcycles. Even with modifications, these bikes proved inadequate in replacing their petrol-powered counterparts, especially

Ecobodaa leading the shift towards sustainable transportation in Kenya and the wider world.

Ecobodaa leading the shift towards sustainable transportation in Kenya and the wider world.

Ecobodaa leading the shift towards sustainable transportation in Kenya and the wider world.

Ecobodaa leading the shift towards sustainable transportation in Kenya and the wider world.

Ecobodaa leading the shift towards sustainable transportation in Kenya and the wider world. 

Ecobodaa leading the shift towards sustainable transportation in Kenya and the wider world. 

Ecobodaa leading the shift towards sustainable transportation in Kenya and the wider world.

Ecobodaa leading the shift towards sustainable transportation in Kenya and the wider world.