

EURIST AFRICAN E-BIKE PROJECT IMPACTS ON THE SDGs

The Universal goals as outlined in the preamble of Sustainable Development Goals (SDGs) champions the realization of human rights for all. EURIST believes cycling is one sure way in providing more sustainable transportation critical to humanity especially in the developing countries where the critical masses would be assured of safe access to public spaces, protecting those who cycle and walk, accessing health facilities through bike ambulance, accessing clean water.

EURIST African E-BIKE project is a promoter of sustainable mobility that would ensure equal participation in the society taking into consideration the challenges faced by women when it comes to the independence of mobility, investments in better conditions for cyclists by promoting the use of e-bikes, cargo bikes, and general public bicycles. This project will help directly impact the achievement of 11 SDGs namely:



Goal 1: End poverty in all its forms: Cycling is affordable and considering the low income of most African citizens, this project would offer a big financial relief, hence more resources would be used by families to access education, jobs, and health. Therefore, ensuring economic growth within the household.

Goal 2: End hunger, achieve food security and improve nutrition and promote sustainable agriculture: African e-bike project will play a critical role in ensuring that small scale farmers access the market with their produce, hence reducing chances of food waste as a result of perishability and on the other hand giving the communities timely access the products needed to boost their nutrition.

Goal 3: Ensure healthy lives and promote well-being for all ages: e-bikes generate healthy and non-CO2 polluting lifestyles; due to the physical activity the cyclists are less likely to get heart diseases and other negative effects of sedentary lifestyles. By reducing the number of private cars on the roads, air quality improves. It is equally that cycling will reduce the number of global deaths from road traffic accidents.

Goal 5: Achieve gender equality and empower women and girls: The African e-bike project is expected to provide access for women and girls to water, schools, markets, and even jobs that are currently not sustainable and accessible through walking.

7 AFFORDABLE AND CLEAN ENERGY



Goal 7: Ensure access to affordable reliable, sustainable, and modern energy for all: The African e-bikes are fully rechargeable by solar energy hence an efficient e-mobility technology. Besides, e-bikes will offer last miles solution as a complement to the current inefficient public transport system in Africa.

8 DECENT WORK AND ECONOMIC GROWTH



Goal 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all: The African e-bike project will offer services including cycling tourism, delivery of goods and services, movement of people hence creating jobs just like any other transport sector.

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Goal 9: Build resilient infrastructure, promotes inclusive and sustainable industrialization and foster innovation: A swift from motorized transport to active mobility (cycling) would give the governments in Africa a better reason to invest in the cycling infrastructure for economic development and human well-being hence equitable, sustainable transport for all.

11 SUSTAINABLE CITIES AND COMMUNITIES



Goal 11: Makes the cities and human settlement inclusive, safe, resilient, and sustainable: African e-bikes would make cities and human settlements more inclusive, safe, resilient, and sustainable due to cycling affordability, safety, non-polluting, healthy, and more sustainable economy.

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Goal 12: Ensure sustainable consumption and production patterns: African e-bikes promote the movement of people and goods for various purposes including tourism, production, consumption in a more sustainable manner, it is estimated that almost 50% of goods can be delivered by the e-bikes in the rural areas.

13 CLIMATE ACTION



Goal 13: Take urgent action to combat climate change and its impacts: African e-bike is an instrument and a symbol of decarbonization of the Africa transport system in society to mitigate climate action. EURIST believes that most governments in Africa would be sensitized through this project to take more action on climate change through policies, education and awareness creation.

17 PARTNERSHIPS FOR THE GOALS



Goal 17: Strengthen the means of implementation and revitalize the global partnership for sustainable development: EURIST coordinates and promotes partnership among many players both locally and internationally towards the realization of the African e-bike project, both local and national governments, the bicycle industry and individuals in the spirit of partnership. EURIST encourage and promote effective public-private and civil society partnership towards the realization of a sustainable African e-bike.

EURIST is equally committed to significantly increase the availability of high-quality, timely, and reliable data on cycling in support of the global development and dissemination of successful environmentally sound cycling technologies and development of cycling policies in Africa. The impact of the Africa e-bike project towards the realization of Global Sustainable Development Goals can be summarized by the image below:

