

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 emerging 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 ambulances, and 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 helps 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 offers a big financial relief, hence more resources can 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 plays 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 provides access for women and girls to water, schools, markets, and even jobs that are currently not sustainable and accessible through walking.



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 offer last mile solutions as a complement to the current inefficient public transport system in Africa.



Goal 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all:

The African e-bike project offers services including cycling tourism, delivery of goods and services, movement of people and hence the creation of jobs just like any other transport sector.



Goal 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation:

A swift transition 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.



Goal 11: Make the cities and human settlements inclusive, safe, resilient, and sustainable:

African e-bikes make cities and human settlements more inclusive, safe, resilient, and sustainable due to cycling affordability, safety, non-polluting, healthy, and more sustainable economy.



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 e-bikes in the rural areas.



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.



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 encourages and promotes effective public-private and civil society partnership toward 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 African E-bike project towards the realization of Global Sustainable Development Goals can be summarized by the image below:

