

CLIMATE SCREENING ASSESSMENT REPORT

**PROJECT NAME: CONSTRUCTION OF OBA ADEJUGBE BUILDERS
MARKET**

LOCATION: EKITI STATE

SECTOR: REAL ESTATE

VALUE: ₦188,000,000.00

2023



ASSESSMENT DOMAIN

1. PRIMARY PURPOSE OF THE PROJECT

The primary purpose of building the Oba Adejugbe Builders market is to create an organized and efficient system for the exchange of goods and services, which, in turn, contributes to economic development, innovation, and the overall well-being of individuals in Ekiti State. Markets play a crucial role in facilitating economic transactions and fostering economic growth.

2. ALIGNMENT WITH THE COUNTRY'S NATIONAL CLIMATE-CHANGE MITIGATION AND ADAPTATION TARGETS

Environmental and Social Impact Assessment was carried out in respect of the project to ensure its adherence with the National Climate Change Policy (NCCP) 2021. In-situ analyses were conducted for some parameters of surface water, while other parameters and groundwater were obtained from laboratory analysis. Similarly, a total of 80 samples of soil were collected for laboratory analysis in line with the following legal documents, Ekiti State Environmental, Health and Sanitation (Re-Enactment) Law 2020 (<https://www.hoa.ekitistate.gov.ng/dashboard/doc/No.%2021%20of%202020%20-%20EKITI%20STATE%20ENVI%20&%20SANITATION%20LAW,%202020.pdf>) and Ekiti State Water and Sanitation Law 2013 (<https://www.slideshare.net/EkitiState/ekiti-state-water-and-sanitation-law-2013-passed-aug-14-2013>)

3. CONTRIBUTION TO GREENHOUSE GAS EMISSIONS (GHG) EMISSIONS

The construction of buildings contributes to greenhouse gas emissions through various processes such as the extraction and transportation of raw materials, manufacturing of construction materials, construction activities, and energy use during the building's lifespan. Additionally, the operation of buildings also contributes to GHG emissions through energy consumption for heating, cooling, lighting, and appliances. It is therefore expected that this project would contribute to negative, zero or low GHG emissions in the State.

4. MITIGATION FEATURES THAT CONTRIBUTE TO THE TRANSITION TOWARDS A NET-ZERO FUTURE

- (i) Material selection: choose materials with a low carbon footprint, such as recycled or reclaimed materials; use materials sourced locally to reduce transportation-related emissions;
- (ii) Construction Practices - opt for prefabricated construction methods to reduce on-site construction time and waste;
- (iii) Renewable Energy - incorporate on-site renewable energy sources, such as solar panels or wind turbines, to power construction activities and building itself;
- (iv) Design and construct buildings to meet Leadership in Energy and Environment Design (LEED) standards, which promote environmentally responsible and sustainable practices;
- (v) Educate, empower, and engage citizens to take action to take actions to reduce individual and community vulnerability to climate changes through both mitigation and adaptation;

For further information on the Project contact;

Fountain Holdings Ltd or New Frontier Development