

# CLIMATE SCREENING ASSESSMENT REPORT

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**PROJECT NAME: CONSTRUCTION OF 20,000 BED SPACE HOSTEL**  
**LOCATION: IWOROKO EKITI, EKITI STATE**  
**SECTOR: EDUCATION**  
**VALUE : ₦4,630,000,000.00**

**2023**

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## **1. ASSESSMENT DOMAIN**

### **PRIMARY PURPOSE OF THE PROJECT**

The decision to construct this hostels follows the realization that there is generally a critical shortage of modern and adequate students' hostels in most of the tertiary institutions in the country and Ekiti State University campus is not exempted. Shortage of modern and adequate hostels at the school is negatively affecting students' enrolment and students' academic performance. Again, most of the students that are enrolled at the university stay off campus and travel long distances to access university facilities. It is therefore anticipated that the project will assist to increase students' enrolment and will enhance students' academic performance as the project will help to create more bed spaces which will assist to accommodate more students on campus. The construction of the 20,000 bed space hostel is expected to provide living quarters for students who are attending the State's university away from their hometowns. This is particularly important because Ekiti State University is located in area where it is not feasible for most students to commute daily. In addition, the construction of the hostels aim to create an environment that fosters social interaction and offers a unique experience for students.

## **2. ASSESSMENT DOMAIN**

### **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. A total of 80 samples of soil were collected for laboratory analysis in line with the following legal documents,

- i. Ekiti State Environmental, Health and Sanitation (Re-Enactment) Law 2020

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<https://www.hoa.ekitistate.gov.ng/dashboard/doc/No.%2021%20of%202020%20-%20EKITI%20STATE%20ENVI%20&%20SANITATION%20LAW,%202020.pdf>

ii. Ekiti State Water and Sanitation Law 2013

<https://www.slideshare.net/EkitiState/ekiti-state-water-and-sanitation-law-2013-passed-aug-14-2013>

The legal documents were used to check if the project was in tandem with NCCP 2021.

### **3. ASSESSMENT DOMAIN**

#### **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.

### **4. ASSESSMENT DOMAIN**

#### **MITIGATION FEATURES THAT CONTRIBUTE TO THE TRANSITION TOWARDS A NET-ZERO FUTURE**

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- (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;**

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