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**PRESENTATION ON SUMMARY**

**OF**

**ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT STUDIES (ESIA) FOR THE  
ENERGIZING EDUCATION PROGRAMME (EEP) PHASE II PROJECTS**

**MARCH 2020**

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ESIA Scope of Work

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Description of the Proposed Project Sites

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Land Acquisition Risks and Management Plans

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Draft Letter to be sent to Universities

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Implication of the Livelihood Restoration Plan (LRP)

# ESIA Scope of Work

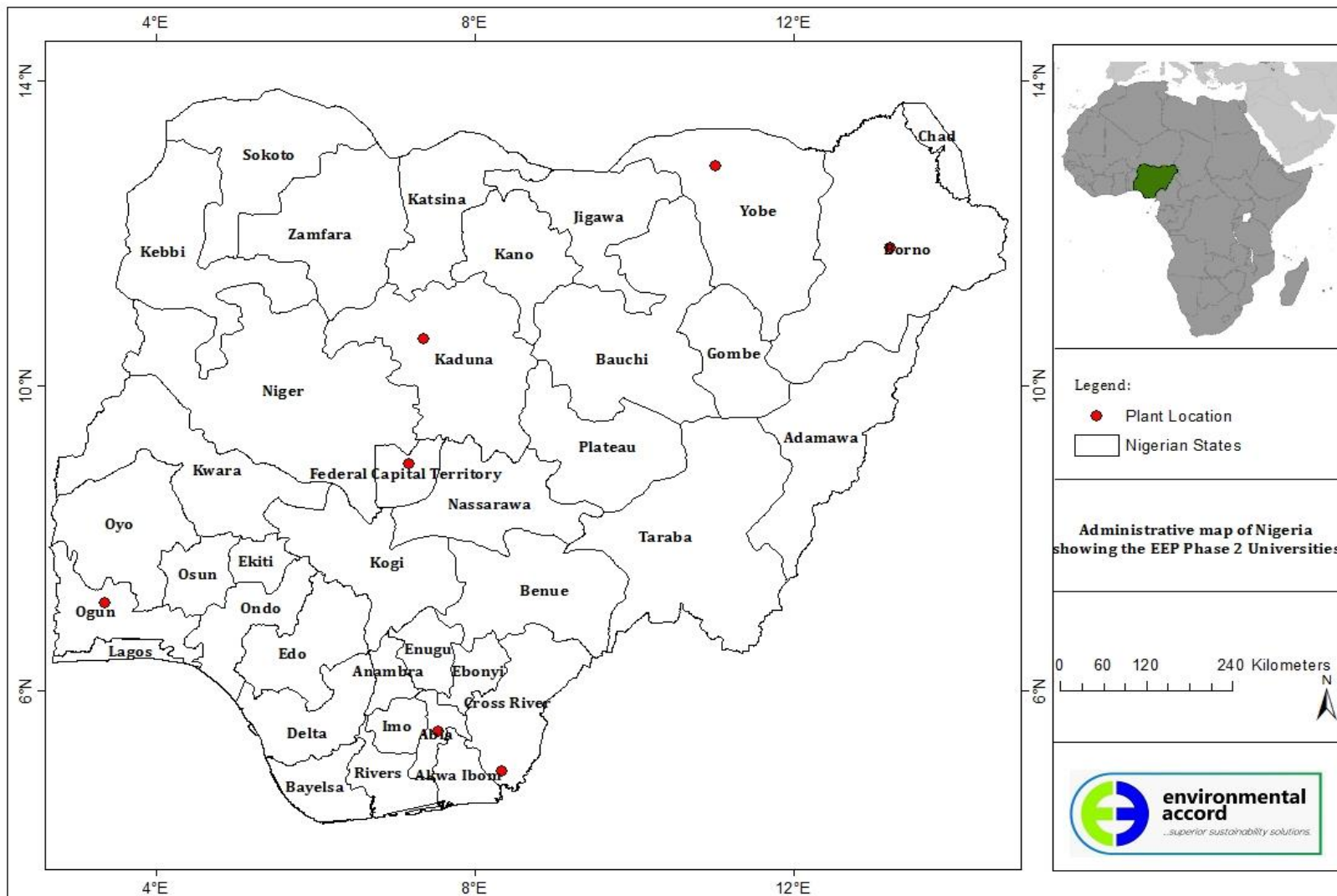
- ☐ Reconnaissance survey to all Universities and Teaching Hospitals selected for the Phase II Project
- ☐ Review of national and international laws, regulations and industry codes and standards applicable to the proposed Projects
- ☐ Stakeholder identification and consultation (including Project Affected Persons)
- ☐ Field data gathering (covering bio-physical and socio-economic environment)
- ☐ Laboratory analysis of field samples
- ☐ Data analysis and Report preparation
- ☐ Submission of ESIA reports to FMEnv and other relevant stakeholders

The scope of the consultancy also includes Land Survey of the Phase II Project Sites and receipt of Perimeter Survey Approval

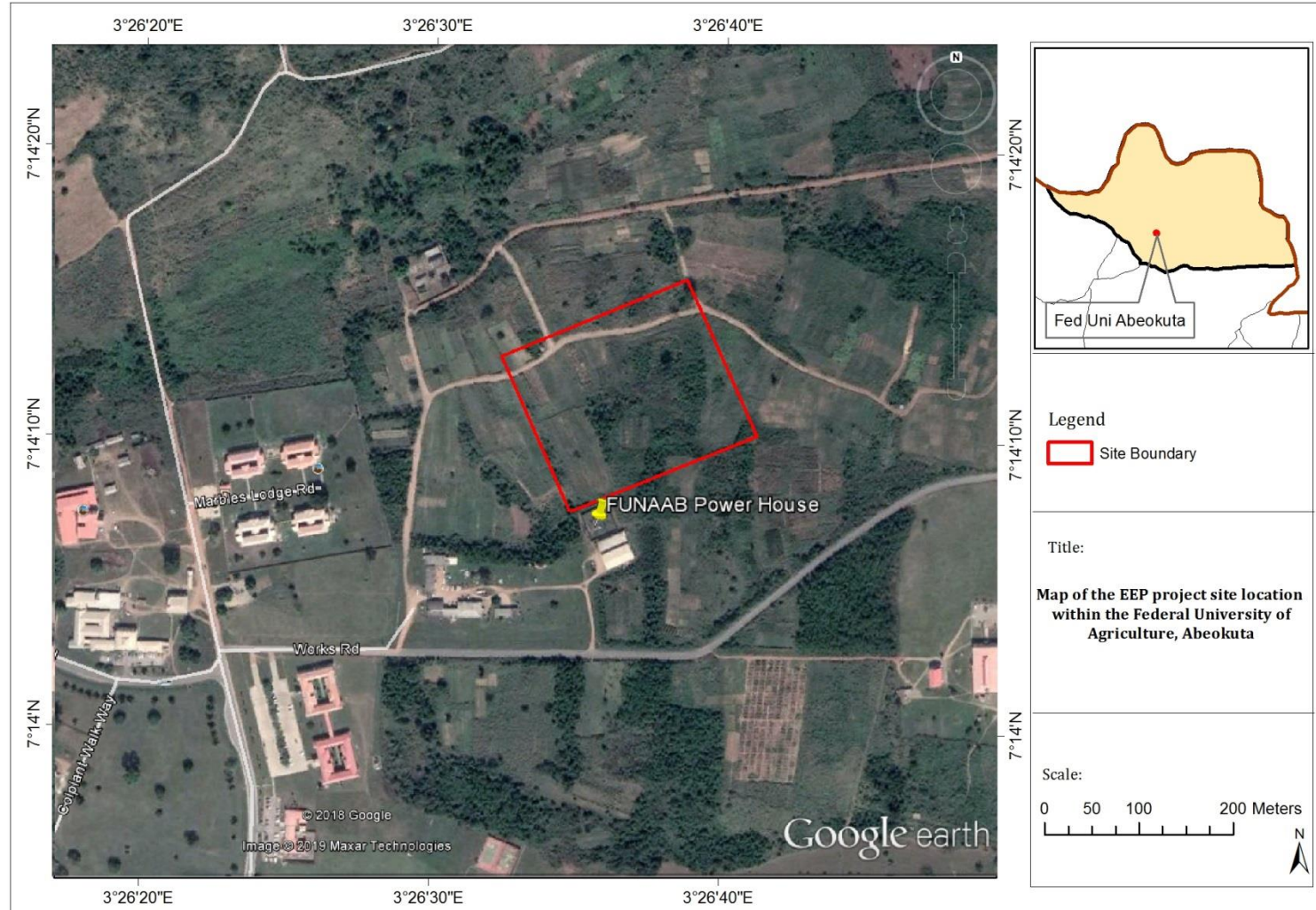


# DESCRIPTION OF THE PROPOSED PROJECT SITES

# Location of the Phase II Beneficiary Universities



# Project Location (FUNAAB)



## Site Description

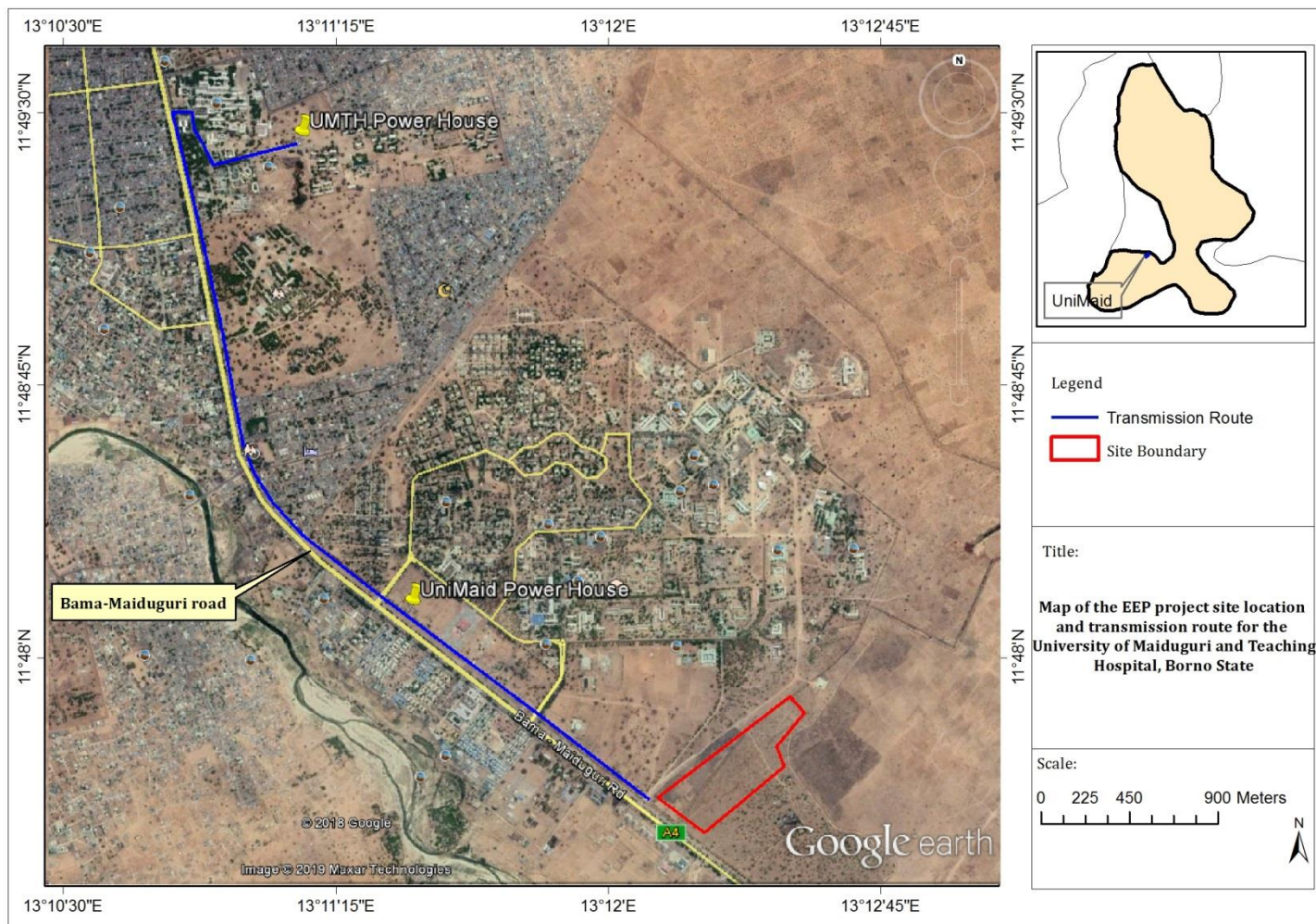
- The land size allocated for the Project is 4.0ha within FUNAAB main campus
- The proposed site is located within the crop research farms allocated by FUNAAB's Directorate of University Farms (DUFARMS).
- There are some crop research farms cultivated by students on the Project site covering about 80% of the land
- As at the time of site visit, there was no encroachment of local communities on Project site



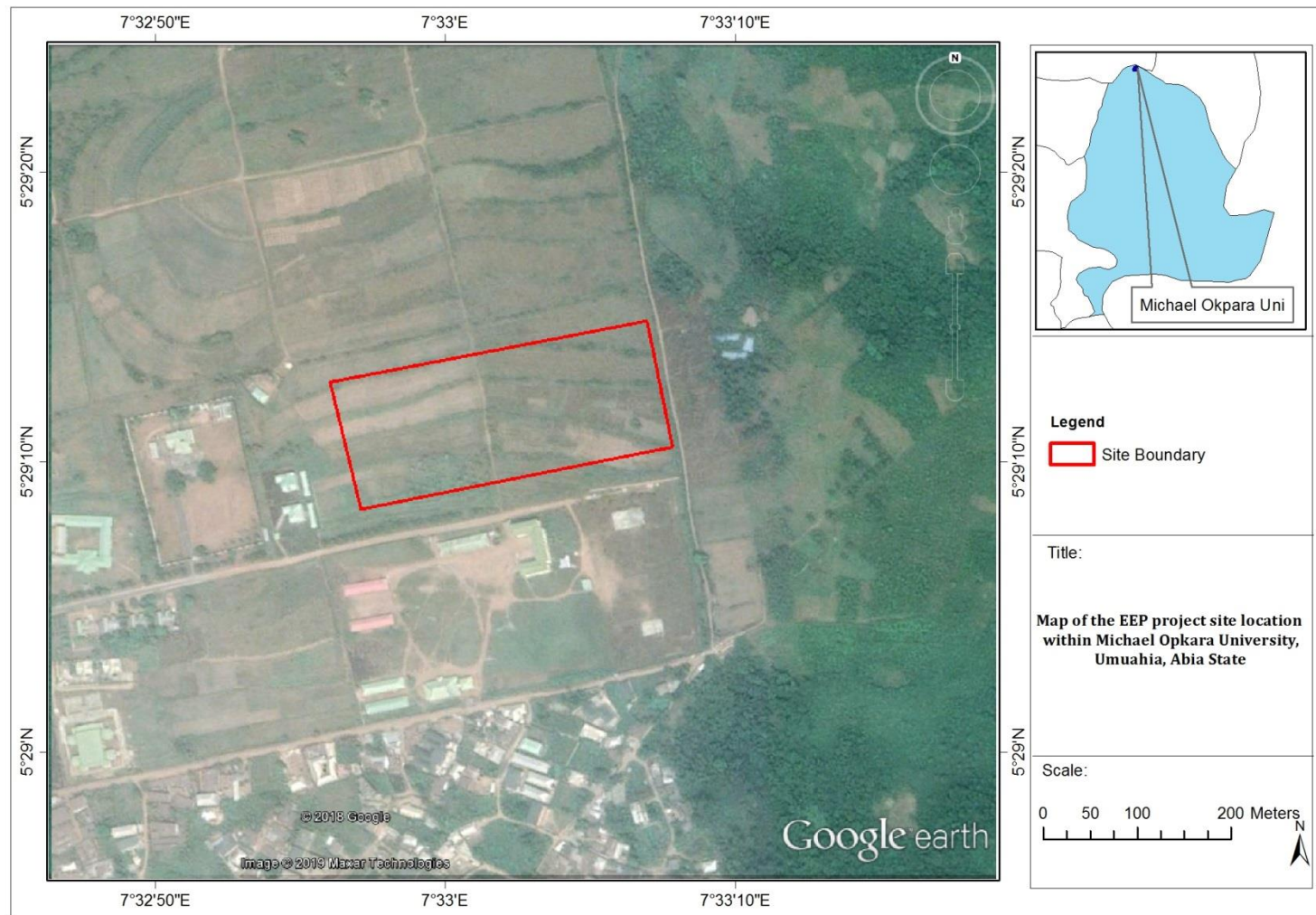
# Project Location (UNIMAID)

## Site Description

- The land size allocated for the Project is 20.0ha within UNIMAID main campus
- There are some farmlands on the Project site covering about 30% of the land
- The farmers on the site are University staff who have received permission from the Farm manager
- There is an unoccupied structure on the Project site owned by the University. Also, there is a temporary military trench that runs diagonally across some portion of the site.
- The site is about 1.8km to UNIMAID main powerhouse and 4.9km to UNIMAID teaching hospital powerhouse
- As at the time of site visit, there was no encroachment of local communities on Project site



# Project Location (MOUAU)

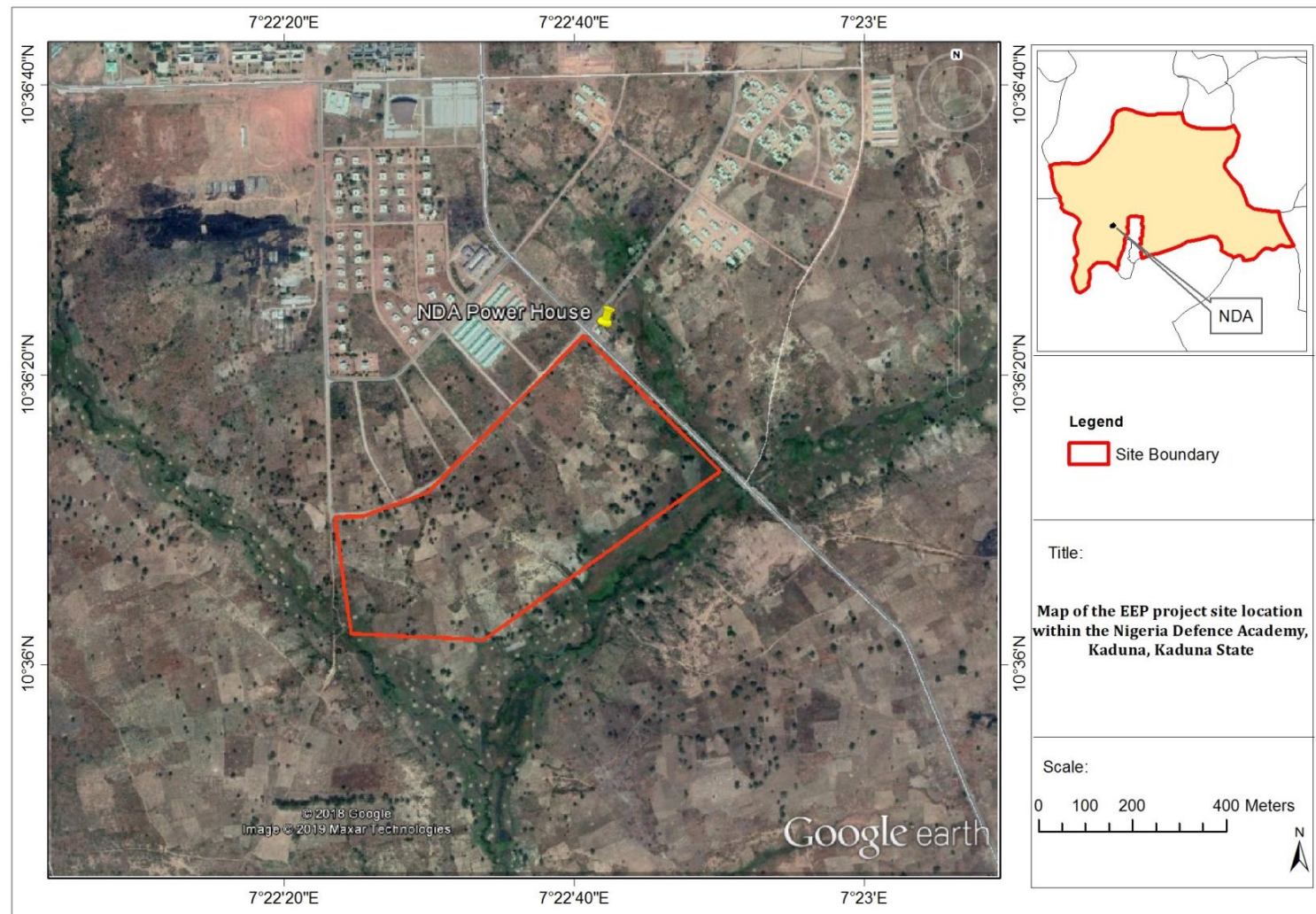


## Site Description

- The land size allocated for the Project is 5.0 ha within MOUAU property
- About 60 % of the Project site is being used for farm practice demonstration by students of MOUAU
- A few subsistence farming plots cultivated by MOUAU staff were observed on the site
- As at the time of site visit, there was no local community encroachment within the site



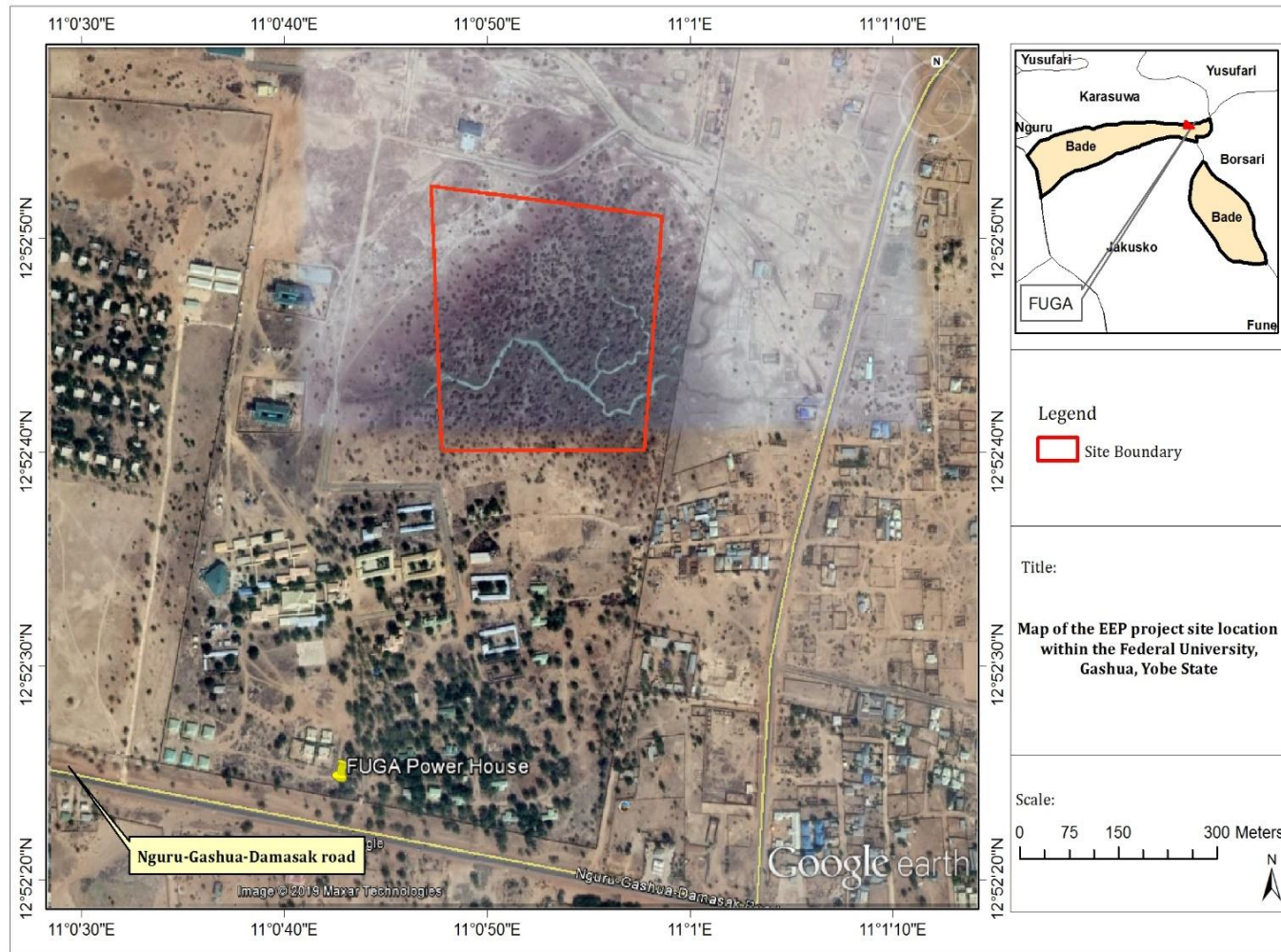
## Project Location (NDA)



### Site Description

- The land size allocated for the Project is 43.0ha within NDA permanent site
- There are some farmlands on the Project site covering about 70% of the land
- The farmers on the site are relatives of NDA Staff who obtained permission from the University
- As at the time of site visit, there was no encroachment of local communities on Project site

# Project Location (FUGA)



## Site Description

- The land size allocated for the Project is 20.0ha within FUGA permanent site
- There were no farmlands on the Project site at the time of visit
- As at the time of site visit, there was no encroachment of local communities on Project site
- There is a rainwater harvesting trench to the south of the Project site. The trench is one of the rainwater harvesting points within the campus for irrigation demonstration to some of the University students



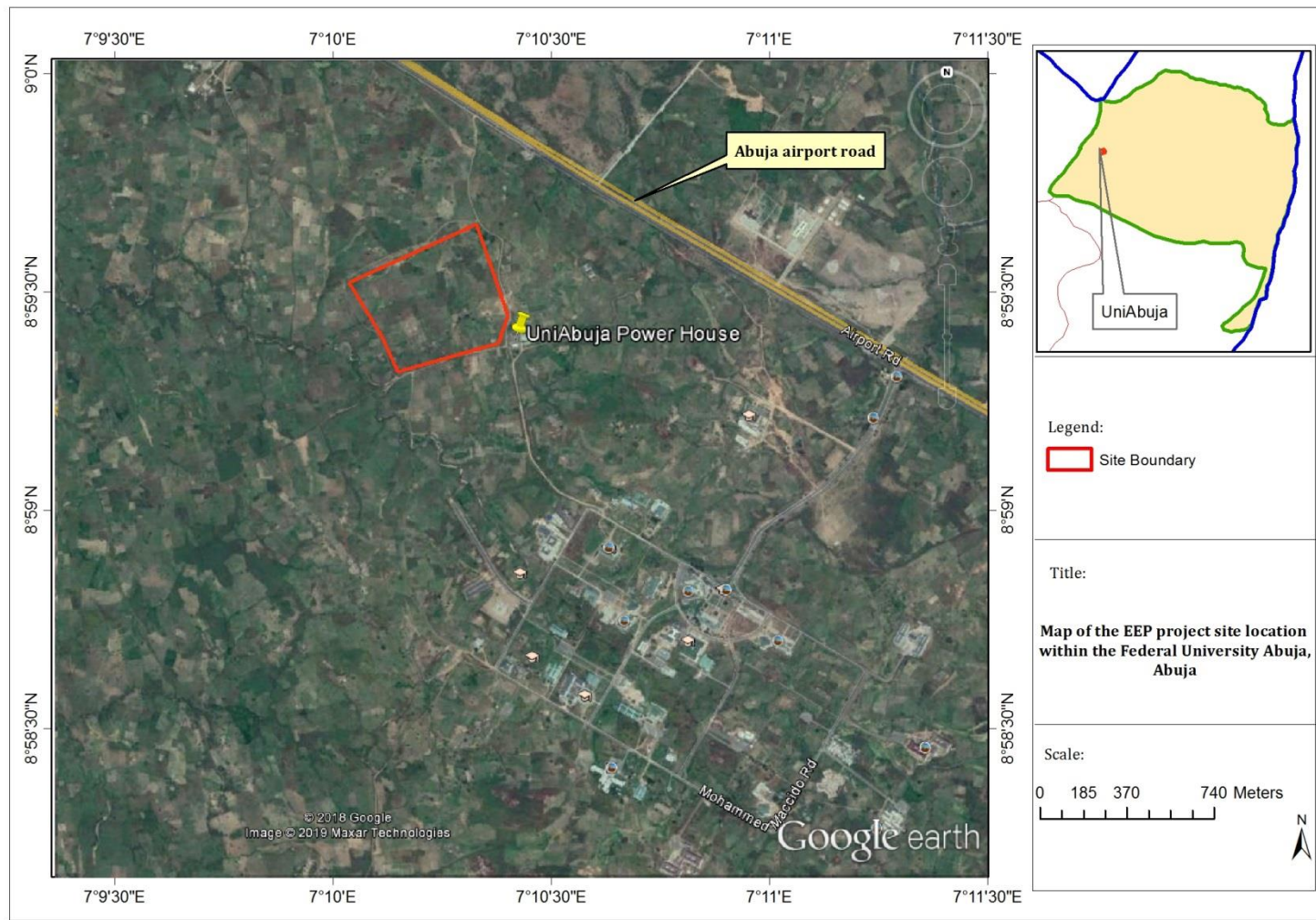
## Project Location (UNICAL)



### Site Description

- The land size allocated for the Project is 15.0ha within UNICAL campus, close to the staff quarters of the University
- There are some farmlands (covering approximately 50 % of the entire site) used by the UNICAL students for agricultural demonstration
- A few of the farm plots are cultivated by UNICAL staff for subsistence farming.
- As at the time of site visit, there was no encroachment of local communities on Project site

## Project Location (UNIABUJA)



### Site Description

- The land size allocated for the Project is 20.0ha within UNIABUJA campus
- The Project site is largely characterized by farmlands cultivated by local residents from Giri - the University's host community (Located about 2 km from the University)
- Aside the farmlands, there is an unoccupied building on the site owned by the University
- A small settlement of Fulani squatters is located about 50 m (away) southeast of the Project site.



# Initial Stakeholder Identification

| Stakeholder Group and Interest in the proposed project | Stakeholder Name   | Connection to the Proposed Project   |
|--|--|--|
| <b>Regulatory Authorities</b>                          | Federal Ministry of Environment (FMEEnv)                                     | Has the responsibility for overseeing EIA process for the proposed Solar Projects and ensuring compliance to relevant environmental laws and regulations   |
|  | National Environmental Standards and Regulations Enforcement Agency (NESREA) | Has the responsibility for monitoring the Project during the operational phase and ensuring compliance to relevant environmental laws and regulations  |
|  | Federal Ministry of Power  | The Department of the Renewable Energy and Rural Power Access of the Federal Ministry of Power, Works and Housing is charged with the responsibility to coordinate all issues relating to renewable energy and energy efficiency |
|  | Nigerian Electricity Regulatory Commission (NERC)                            | Responsible for granting operating licences for power Projects in Nigeria  |
|  | State Ministry of Environment  | The Ministry oversees the protection of environment in the State   |
|  | State Environmental Protection Agency  | Responsible for waste management in the State  |
|  | State Ministry of Women Affairs and Social Development                       | Promotes the development of women with equal rights and corresponding responsibilities including gender inclusion  |
|  | State Ministry of Sports and youth development                               | Responsible for the inclusion of youths in Nigeria's development as well as the coordination of sports and recreational activities in the state  |
|  | Local Government Authority   | Local government council of the University   |
| <b>Communities</b>                                     | Local communities within the Project Area of Influence                       | Households, communities and groups that may be directly or indirectly affected by the proposed Project and its activities.   |
| <b>University Representatives</b>                      | Management of the University   | Direct Project beneficiaries.  |
|  | Physical Planning Office   |  |
|  | Student Union Body   |  |

Stakeholder consultation is a continuous process throughout the life cycle of the Project



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# Land Acquisition Risks and Management Plans

# Land Acquisition Risks and Management Plans for All Universities

## **Risk**

- ❑ Displacement/encroachment of the designated project sites by potential project affected persons (PAPs) i.e. persons who are likely to suffer direct and negative economic or social impact as a result of the situation/planned location of the power plants.

## **Mitigation Measures/Management Plans**

- ❑ Commitment Letter: To provide an alternative site and/or compensation (where required) to the affected Persons in line with standard industry practices.
- ❑ Commitment Letter is a condition for continued World Bank funding of the project.
- ❑ Livelihood Restoration Plan shall be implemented to mitigate the displacement of PAPs within the allocated sites for the Project
- ❑ Designated alternative sites (and any applicable compensation) shall be audited for adequacy by the World Bank and the REA prior to commencement of project implementation.

## **FUNAAB proposed Site**

- ☐ Loss of agriculture research farmlands covering about 70% of the site cultivated only by students.  
The crops planted within the site include cucumber, maize, cassava and tomatoes

## **UNIMAID proposed Site**

- ☐ Loss of farmlands covering about 30% of the site cultivated for subsistence by University staff within the site. The crops planted on the site are mostly groundnut and maize
- ☐ Presence of military trench within the site
- ☐ Disruption of market activities along some sections of the proposed power transmission route to the Teaching Hospital

## **MOUAAU proposed Site**

- ☐ Loss of student demonstration farm plots covering about 60% of the site. The major crop planted on the site by the students is maize
- ☐ Loss of existing farmlands cultivated (for subsistence maize and cassava) by two (2) University staff within the site



## **NDA proposed Site**

- ☐ Loss of existing farmlands covering about 70% of the site and cultivated by relatives (living within the campus) of NDA staff. The major crops planted on the site include cassava and maize

## **FUGA proposed Site**

- ☐ Potential land acquisition risks/impacts as the site was unoccupied at the time of visit

## **UNICAL proposed Site**

- ☐ Loss of research farm plots covering about 60% of the site and cultivated by students. The crops planted include cassava, maize, banana, and plantain.
- ☐ Loss of existing farmlands cultivated by some University staff within the site

## **UNICAL proposed Site**

- ☐ Livelihood / Economic displacement of farmers from the local community with farmlands within the site
- ☐ Loss of economic crops (e.g. cashew, garden eggs, maize, mango, etc.) within the site

# Draft Letter to be sent to Universities

**RE: ENERGIZING EDUCATION PROGRAMME (EEP) PHASE II**

We refer to the above subject matter.

## **Background**

The Energizing Education Programme (EEP), a key component of the Nigeria Electrification Project (NEP), is currently being implemented by the Rural Electrification Agency (REA) on behalf of the Federal Government of Nigeria and co-financed by the World Bank.

The objective of the EEP is to provide dedicated, clean and reliable power supply to thirty-seven (37) Federal Universities and seven (7) affiliated University Teaching Hospitals across the country. The scope of the EEP includes provision of off-grid, dedicated and independent power plant, rehabilitation of existing electricity distribution infrastructure, and provision of street lighting (for illumination and improved security) as well as a world class renewable energy training centre for each of the beneficiary universities.

The EEP is being implemented in two phases. The first phase (Phase I) covers nine (9) universities and one (1) affiliated Teaching Hospital and it is currently ongoing, while the second phase (Phase II), to be funded by the World Bank loan under the NEP, covers seven (7) Universities and two (2) affiliated Teaching Hospitals.

[ ] has been selected as one of the beneficiary Universities under the EEP Phase II project.

## **Environmental Impact Assessment**

In compliance with the requirements of the World Bank safeguards policies and Federal Ministry of Environment as well as other relevant regulatory agencies in Nigeria, Environmental and Social Impact Assessment (ESIA) studies of the proposed power plants and associated infrastructure are currently being conducted by the REA.

The on-going ESIA studies have however firmly established at this time, the risk of displacement /encroachment of the designated project sites by potential Project Affected Persons (PAPs) i.e. persons who are likely to suffer direct and negative economic or social impact as a result of the situation/planned location of the power plants.

Therefore, and in line with applicable World Bank Safeguard Policies, the ["University name"] (as one of the beneficiary universities of the EEP Phase II project) is required to show commitment documented in the form of a letter (a guidance note is provided for your convenience) to provide an alternative site and/or compensation (where required) to the affected Persons in line with standard industry practices. This letter of commitment is required to enable the World Bank to proceed with the funding of the project. Please note that the alternative site (and any applicable compensation) shall be provided solely by the University and shall be audited for adequacy by the World Bank and the REA prior to commencement of project implementation.

We look forward to your continued cooperation in this regard.

## Implication of the Livelihood Restoration Plan

- A livelihood restoration plan (LRP) outlines the measures to be put in place to compensate and support the livelihoods of project affected persons (PAPs) identified within the project site
- REA PMU is in the process of engaging an independent LRP consultant who will be working with the Universities
- The LRP shall be developed and implemented by the Consultant and the University
- REA PMU and the World Bank shall supervise to ensure that the LRP is implemented
- An independent audit shall be conducted at the end of implementation of the LRP
- **The funds for the Project will not be available until the World Bank and REA PMU are satisfied with the implementation of the LRP.**



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