

‘LIGHT UP LAGOS’ - EXPLAINED

Project Summary:

- A Contract has been signed between Low Energy Designs Ltd and The Lagos State Government to supply and install over 10,000 LED street covering 300km of road in Lagos.
- Retrofit and repair major roads in Lagos state as part of the urban regeneration projects in Ikoyi, Ikeja and Victoria Island
- New Assembly Plant in Epe.

The 3 main phases within this project have been broken down below.

PHASES:

PHASE 1 – Supply & Install LED lighting, controls and HESS:

Phase 1 will see a full turn-key solution in the supply and install of our LED street lights incorporating our intelligent lighting controls combined with our HESS (Hybrid Energy Storage System). The intelligent lighting controls integrated within our products will allow the end user to be in complete control of the light output, power and remote fault maintenance. The Hybrid Energy Storage System (HESS) deployed in combination with the lighting is a scalable, power supply cycling system capable of powering an average home, large business premises or community by storing and using renewable or off peak energy.

These products will be installed across 300km of road in Lagos and will be run totally off-grid.

PHASE 2 – Consortium to retrofit major Lagos roads as part of the Urban Regeneration Project:

Recently, a consortium has been created between Low Energy Designs Ltd and Biswal Limited, a local Nigerian company. Phase 2 is made up of 5 sub-phases. The consortium will work together to retrofit major roads in Lagos state as part of the urban regeneration projects in Ikoyi, Ikeja and Victoria Island. Our LED lighting solutions will cover around 31% of the city’s entire street light infrastructure and are expected to improve environmental sustainability, provide energy savings and reduce maintenance costs.



PHASE 3 – Construction of LED Lighting & Hybrid Energy Storage assembly plant:

The construction and set up of an LED lighting and Hybrid Energy Storage assembly plant in Epe will provide up to 50 permanent staff initially expanding to 250 people working for LEDco Limited.

More than 500 local job opportunities will be created for local Nigerians throughout phases 1-3.

IMPACT ON LOW ENERGY DESIGNS LTD:

By bringing this investment to Nigeria it will secure a future for Low Energy Designs in the UK by manufacturing the components to supply to LEDCo Ltd with our Intelligent Lighting Systems and Hybrid Energy Storage Systems.

This investment will also provide more job opportunities for people here in the UK.

By showcasing the high standards of UK companies abroad boosts our national reputation and the prospects of increasing international trade.

IMPACT ON LOW ENERGY DESIGNS UK SUPPLIERS:

In the support of UK businesses, we source materials and components from local suppliers in the UK.

Buying British is important at a time when the economic recovery remains fragile and supporting small businesses provides them with the means to employ more people, which in turn boosts the local and national economy.

IMPACT ON LOCAL CONTENT:

Nigeria is one of Africa's most highly populated countries. This investment will provide over 500+ well paid jobs to local Nigerians within phases 1-3 and another 70+ permanent jobs to staff the new assembly plant.

The new assembly plant will be run totally off-grid - a first of its kind in Africa. Using our state-of-the-art technology will help reduce Africa's energy demand by storing energy through a combination of renewable technologies.

Education and training courses in Green Technology's will be provided to locals. Education helps people work better and can create opportunities for sustainable and viable economic growth for the future.

