



HIGHLIGHTING

THE RURAL ELECTRIFICATION AGENCY'S IMPACT

JANUARY, 2019



RURAL ELECTRIFICATION AGENCY

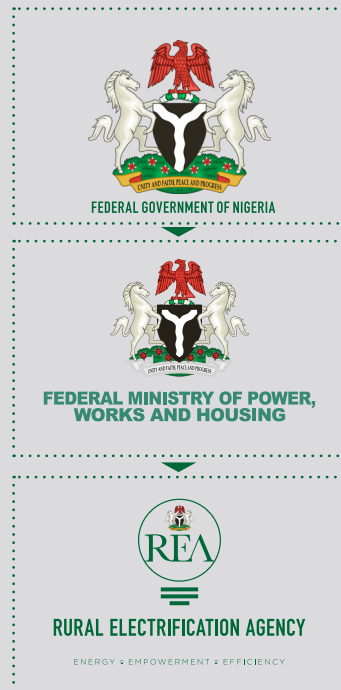
ENERGY = EMPOWERMENT = EFFICIENCY

TABLE
OF CONTENTS

| | |
|----|---------------------------------------|
| 04 | REA ACHIEVEMENTS |
| 05 | REA PROGRAMMES |
| 06 | ENERGIZING ECONOMIES INITIATIVE |
| 08 | ENERGIZING EDUCATION PROGRAMME |
| 10 | NIGERIAN ELECTRIFICATION PROJECT |
| 12 | CAPITAL PROJECTS |
| 13 | RURAL ELECTRIFICATION FUND |
| 14 | DATA DRIVEN OFF-GRID SECTOR |
| 15 | GENDER |
| 16 | ELECTRICITY USERS COOPERATIVE SOCIETY |
| 17 | REA TRANSFORMATION |
| 18 | PARTNERS |

REA ACHIEVEMENTS OVER THE LAST 20 MONTHS

The Rural Electrification Agency (REA) is an implementation agency of the Federal Government of Nigeria (FGN), under the Ministry of Power, Works and Housing .



CONNECTIONS.....99,450



PEOPLE IMPACTED.....457,470



JOBS5,042



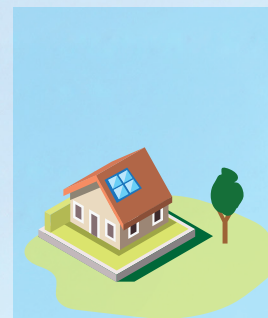
FUNDING SOURCED.....>\$550 million

RURAL ELECTRIFICATION AGENCY'S PROGRAMMES

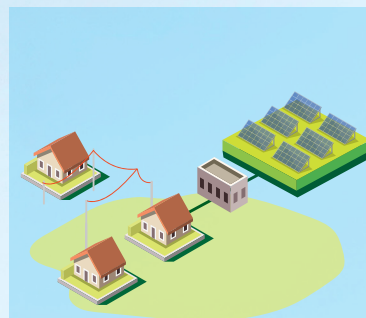
In line with the Economic Recovery and Growth Plan (ERGP), and with the goal of increasing energy access, His Excellency President Muhammadu Buhari GCFR approved the Rural Electrification Strategy and Implementation Plan (RESIP).

Following this, the President appointed the new REA Board, which was inaugurated on May 4th, 2017 by the Honourable Minister of Power Works and Housing – H.E. Babatunde Raji Fashola, SAN.

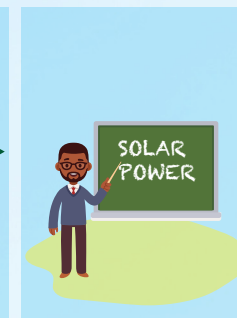
REA PROGRAMMES



SOLAR HOME SYSTEMS



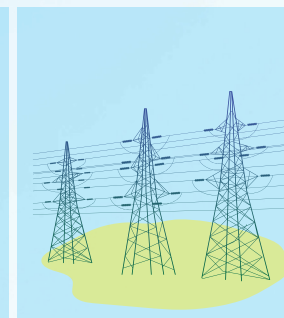
SOLAR MINI-GRIDS



ENERGIZING EDUCATION



ENERGIZING ECONOMIES



CAPITAL PROJECTS

ENERGY DATABASE

RURAL ELECTRIFICATION FUND

ENERGIZING ECONOMIES INITIATIVE

The Energizing Economies Initiative supports the rapid deployment of off-grid electricity solutions to provide clean and consistent power to economic clusters (e.g., market places, shopping centres, industrial facilities) in Nigeria.



Sabon Gari rooftop solar installation








Sabon Gari solar technicians



Sura shopping complex customer service shop



Ariaria market power plant

-  To provide clean and reliable power support to **~80,000** shops within **16** economic clusters within a year.
-  Empower **340,000** MSMEs.
-  Create **2500** jobs.
-  The initial **16** economic clusters will serve **>18** million Nigerians.
-  Long term programme will deliver across **>300** economic clusters throughout the country.

ENERGIZING ECONOMIES INITIATIVE

The initiative was created by the FGN to empower MSMEs. The REA is implementing on behalf of the FGN to ensure the private sector is brought in to deliver. The electricity solutions in the economic clusters are private sector-owned, private sector led, and enable Value Added Services for a range of financial services into the markets. Work is progressing across the first 16 economic clusters.



Energizing
ECONOMIES

IFEOMA CHINAGOROM
TRADER, ARIARIA MARKET

“Customers coming in feel more comfortable. We entertain them with fans, ACs and music because there is light for all that now, and we don't get to hear the noise from generators anymore.”



So far, **10,000** shops are now receiving clean, safe, reliable and affordable electricity supply



Energizing
ECONOMIES

MUSA A. DAN HASSAN
TRADER, SABON GARI MARKET

“It helps us a lot in saving money. Instead of spending N1000 daily, you spend N100-N150. I like it a lot. I will say solar is better than NEPA.”

ENERGIZING EDUCATION PROGRAMME

This FGN initiative is developing off-grid power solutions for 37 universities and 7 affiliated university teaching hospitals. The programme will provide an independent power plant, street lighting for illumination and safety, an upgrade of existing distribution networks and a world class renewables training centre at every university.



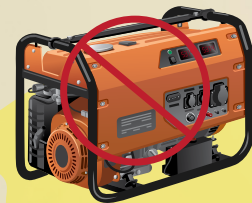
589,444

students will have access to uninterrupted power supply



80,401

teaching and administration staff will have access to uninterrupted power supply



860

diesel fired generators will be decommissioned

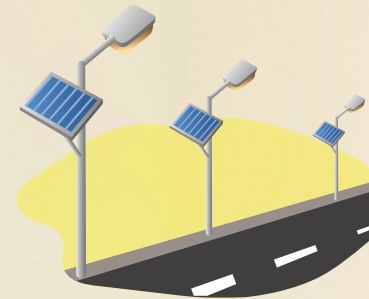
ENERGIZING EDUCATION PROGRAMME

The project is being developed in phases: the first phase is currently under construction and consists of 9 universities and 1 affiliated teaching hospital; 7 of these universities will be powered by solar hybrid technologies.



1,435

doctors and **5,565** other medical professionals will have access to uninterrupted electricity supply at work



10,451

street lights will be installed across all the campuses



700+

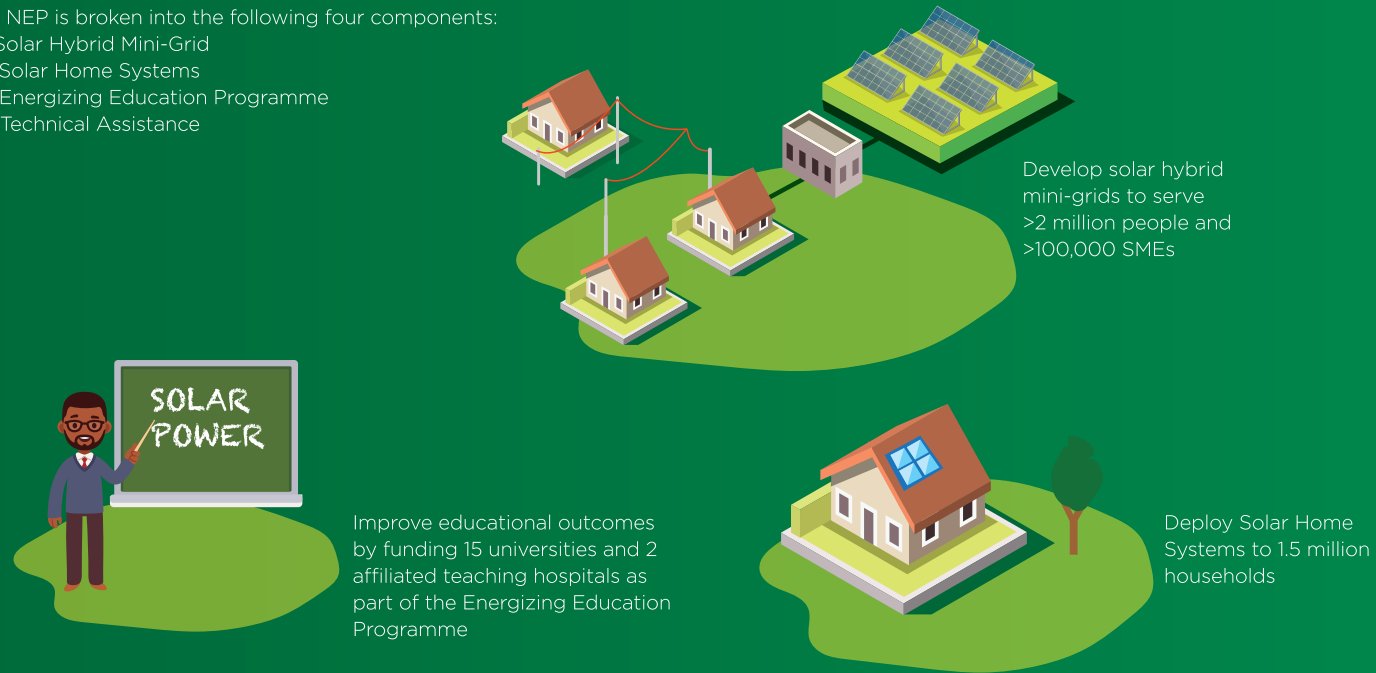
female students will be trained through on-the-job training

NIGERIA ELECTRIFICATION PROJECT

Nigeria Electrification Project (NEP) is an innovative programme to catalyse off-grid development in Nigeria, through the provision of grant funding, detailed market data and technical assistance. To support this FGN has secured funding from both the World Bank (\$350m) and the African Development Bank (AfDB) (\$200m).

The NEP is broken into the following four components:

- (1) Solar Hybrid Mini-Grid
- (2) Solar Home Systems
- (3) Energizing Education Programme
- (4) Technical Assistance



NIGERIA ELECTRIFICATION PROJECT



Community Engagement Sokoto

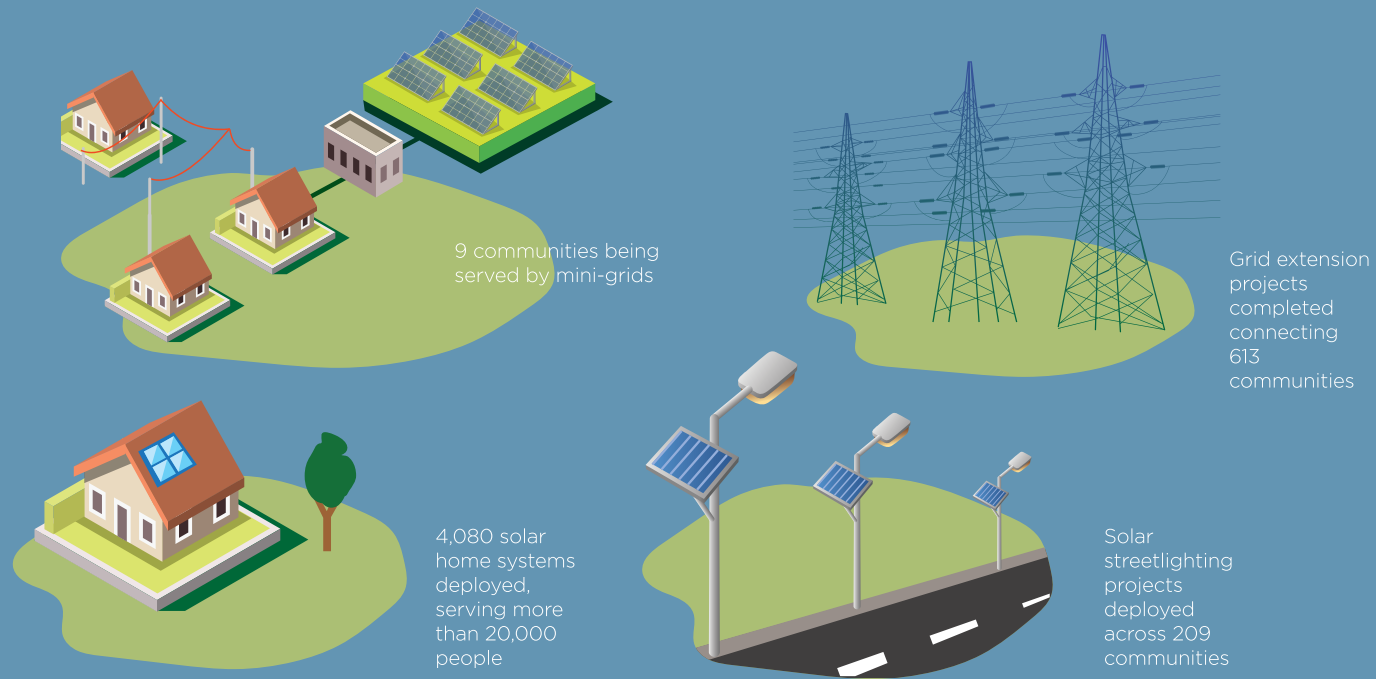


Community Engagement Cross River

CAPITAL PROJECTS

In 2017, under the REA budget, 413 projects were constructed. The projects were broken into the following 5 categories:

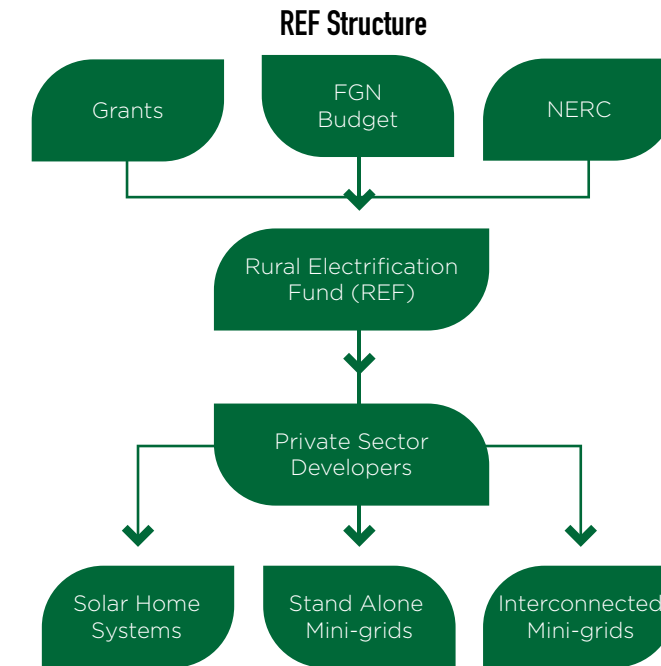
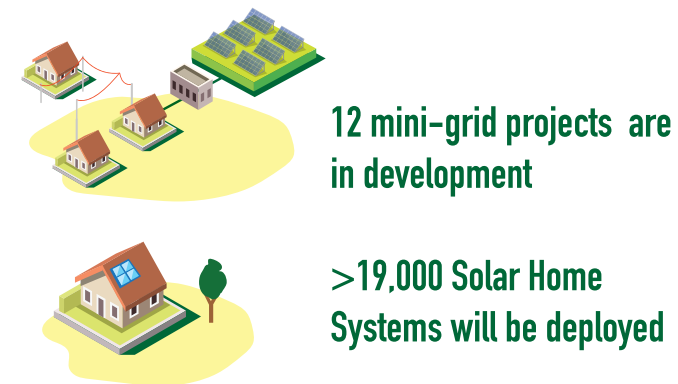
- (1) Solar mini-grids
- (2) Deployment of solar home systems
- (3) Deployment of solar street lighting
- (4) Injection sub-stations
- (5) Grid extension projects across all 6 geopolitical zones



RURAL ELECTRIFICATION FUND

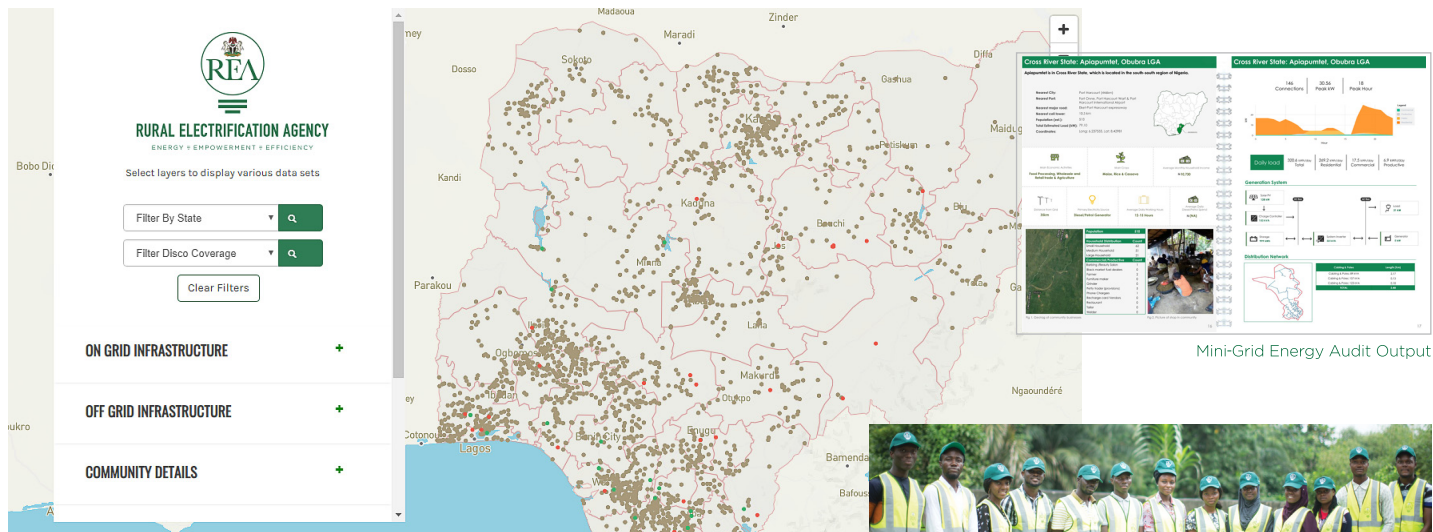
The Rural Electrification Fund (REF) is being implemented by The REA for the provision of equitable access to electricity across Nigeria, to maximize the economic, social and environmental benefits of rural electrification grants, to promote off-grid electrification, and to stimulate innovative approaches to rural electrification. REF funded projects are administered using a Public Private Partnership (PPP) model.

First call for projects has been finalized, and is co-financing the following projects in collaboration with the private sector:



DATA DRIVEN OFF-GRID SECTOR

Data driven decision making is at the core of the REA's strategy. Data received from the REA supports the private sector developers to make informed decisions on project development and financing.



Nigeria Energy Database



Energy Auditor Team

GENDER

Gender inclusion is a core objective of the REA to promote and drive female participation in electrification initiatives.



Increased the number of women in senior management at the REA from 1 to 6 over the last 20 months



Under NEP, tender companies must have 30% female employment for eligibility



25 female project managers working across different REA initiatives



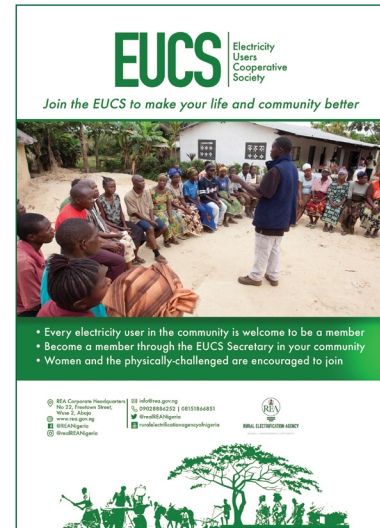
20 female engineering students will have internships at each of the universities — more than 700 in total



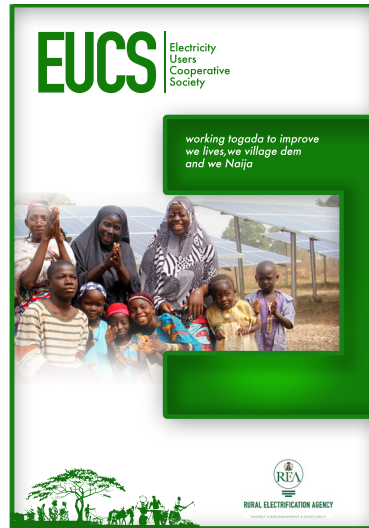
Quarterly gender focused workshops

ELECTRICITY USERS COOPERATIVE SOCIETY

The Electricity Users Cooperative Society (EUCS) is an initiative of the REA that is aimed at mobilizing benefiting communities to achieve sustainability of electrification projects.



Electricity Users Cooperative Society poster and brochure



The goals of the EUCS initiative are to create a forum and a platform that will achieve the following:

- Encourage all relevant stakeholders to work together to solve community electricity problems
- Educate community members about energy conservation and efficiency
- Ensure community members work together to protect electricity equipment against theft and vandalism
- Enable community members to learn about productive usage of electricity

REA TRANSFORMATION

One of the key initiatives implemented by the REA over the past 20 months was the modernization and transformation of the REA as an organisation. This included rebranding, developing a new website, and significantly increasing its social media presence.

The REA premises have also been modernized resulting in increased staff productivity, sustainability, cost reduction and service delivery improvement.



REA Powered by Solar



OLD LOGO



NEW LOGO

NEW SOCIAL MEDIA PRESENCE



@REANigeria



@realREANigeria



@REANigeria



@realREANigeria

PARTNERS

The REA has developed partnerships with various agencies and institutions over the past 20 months. These partners have aided the Agency through a combination of project funding and technical assistance.

PROJECT FUNDING



TECHNICAL ASSISTANCE





RURAL ELECTRIFICATION AGENCY

ENERGY = EMPOWERMENT = EFFICIENCY

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