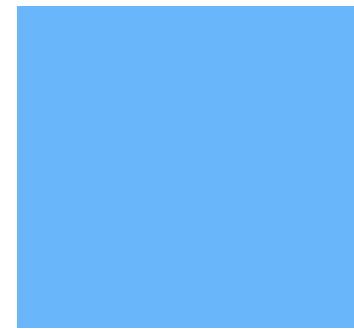


Clean Technology Hub  
energy innovation centre

# Company Profile



# OVERVIEW



CLEAN TECHNOLOGY HUB SEATS AT THE INTERSECTION OF ENERGY ACCESS AND CLIMATE CHANGE GOVERNANCE. AT THE HUB, OUR ENERGY ACCESS PORTFOLIO IS FOCUSED ON BEING AT THE FOREFRONT OF ENERGY TRANSITION TO CLEAN RENEWABLE ENERGY.





# WHO WE ARE



## **ABOUT:**

Clean Technology Hub is a pioneering hybrid hub for the research, development, demonstration and incubation of clean technologies for increased energy access and improved climate resilience. It is also an early start-up incubator and innovations in clean energy, and a driver of clean energy investment into Africa.



## **MISSION:**

Our mission is to drive sustainable development across Africa through innovation in clean technologies.

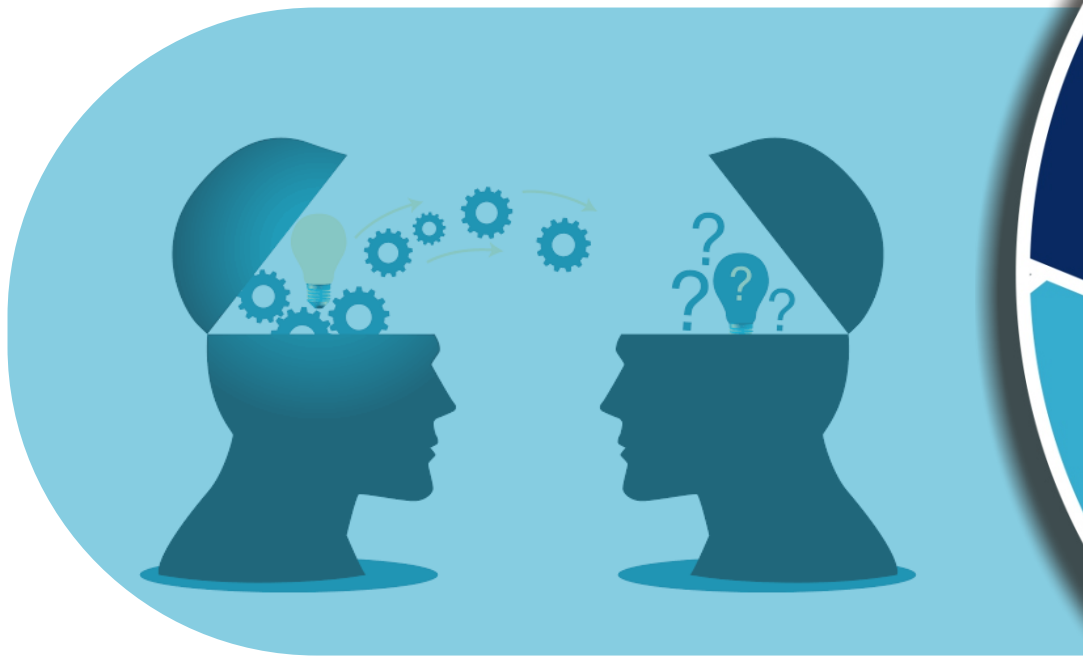


## **VISION:**

With our eye on Africa's energy future and the innovations being developed at the moment we are focused on driving energy access in Africa through novelty in clean energy technologies, research in sustainable energy development and development of energy access models that can be adopted in various African countries. We aim to grow the next generation of Africa's clean energy leaders.



# OVERVIEW PREPOSITION





# OVERVIEW PREPOSITION



## GENDER-BASED PROGRAMMING

We make increasing access to energy for women a key component of our project.



## CLEAN ENERGY-THEMED

We are invested in building the next generation of young people aware of the challenges facing our planet.



## INVENTION AND INNOVATION

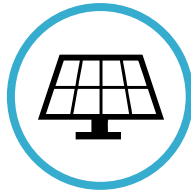
We are Identify, promote and support local innovation and inventions that address challenges in local communities.

# Clean Technology Hub

seeks to expand People's Role in Nigeria's Modern Off-Grid Lighting Market, and in doing so will analyze them as both consumers and entrepreneurs and identify opportunities for expanding the modern off-grid lighting market.

# KEY OFFERINGS

## ENERGY ACCESS



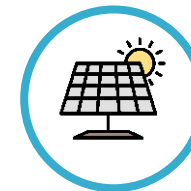
DEVELOPING NEW  
STANDARDS FOR SOLAR  
COMPONENT IN NIGERIA



LOCALIZING RENEWABLE  
ENERGY POLICIES AT  
THE STATE LEVEL IN  
NIGERIA



ENTERPRISE  
DEVELOPMENT  
PROGRAMME



DEVELOPMENT OF  
THE AFRICA MINIGRID  
DEVELOPERS ASSOCIATION  
IN NIGERIA

## ENVIRONMENT AND CLIMATE CHANGE



SCHOOLS &  
SUSTAINABILITY  
PROGRAMME



ADVANCING CLIMATE  
SMART AGRICULTURE  
IN NIGERIA THROUGH  
ACCESS TO CLEAN ENERGY

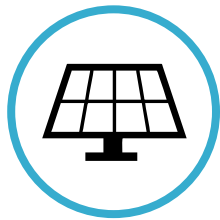


E-LEARNING  
ACADEMY

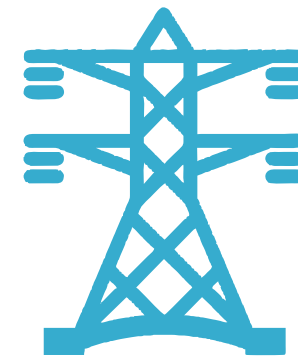
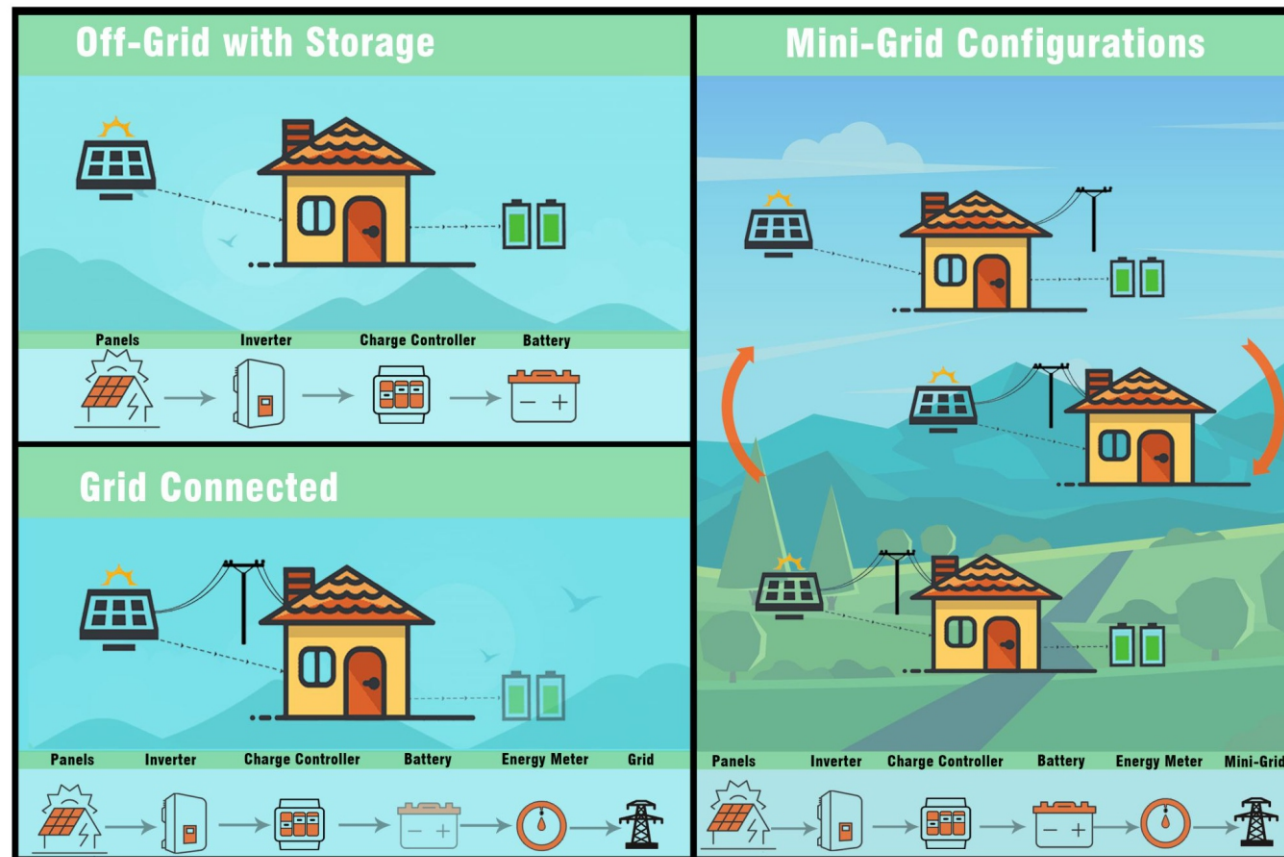


DIGITAL ADVOCACY FOR  
CLIMATE EMERGENCY  
NETWORK & VOLUNTEER  
NETWORK

## DEVELOPING NEW STANDARDS FOR SOLAR COMPONENT IN NIGERIA



The GIZ sponsored Development of Standards for Solar PV Modules, Batteries and Charge Controllers in Nigeria project aims to develop standards for solar photovoltaic (PV) modules, lead acid or lithium ion batteries, energy meters and charge controllers to help create a more regulated and standardized market to encourage investments into the renewable energy and energy efficiency sector in Nigeria. This project is being implemented by INENSUS GmbH, Micro Energy International GmbH, and CTH.



There are around 1.2 billion people around the world living without access to grid and spending about \$27 billion annually on lighting and mobile phone charging.

## LOCALIZING RENEWABLE ENERGY POLICIES AT THE STATE LEVEL IN NIGERIA



The main objective of this project is to engage state actors to adopt renewable energy policies and regulatory guides and/or develop a roadmap for the adoption of a Decentralized Renewable Energy (DRE) policy at the state level in the country.



**Renewable energy creates more jobs for women. A recent report shows that women hold 32% of renewables jobs, compared to just 21% in fossil fuel roles.**

## ENTERPRISE DEVELOPMENT PROGRAMME



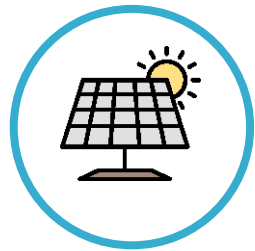
The project was carried out with the support of the off-grid energy impact investment company, All On. The aims of the project are to build a pipeline of Nigeria off-grid energy businesses by focusing on idea and early stage energy entrepreneurs and supporting them to prove the viability of their business .



**By 2013, 15,000 people in Sub-Saharan African were already employed in the off-grid lighting sector; especially in the sales and distribution chain.**



## DEVELOPMENT OF THE AFRICA MINIGRID DEVELOPERS ASSOCIATION IN NIGERIA.



AMDA is an industry association supporting the scaling-up of decentralized energy utility companies building mini grids for rural energy access across Africa. Clean Technology Hub with the support of AMDA aims to evaluate the specific needs of the sector and also lay out a comprehensive strategy to support minigrid companies in Nigeria to improve access to finance and to scale up their operations.



**Mini-grids improve quality of livelihood level and support the growth of local business, including primary industries such as agriculture, fishing and timber, light manufacturing such as wood and metal workshop and commercial and retail businesses.**



# ENVIRONMENT AND CLIMATE CHANGE



## **SCHOOLS & SUSTAINABILITY PROGRAMME**

Schools and Sustainability Programme borders on expanding knowledge in energy efficiency, environmental sustainability and climate change. This will provide the needed insight to develop solutions to solve the world's most pressing developmental challenges through STEM. Clean Technology Hub aims at integrating STEM method of learning into most Nigerian school systems



## **ADVANCING CLIMATESMART AGRICULTURE IN NIGERIA THROUGH ACCESS TO CLEAN ENERGY**

Clean Technology Hub in advancing climate smart agriculture practices will carry out the following proposed projects:

- Developing a policy brief on advancing adoption of clean energy solutions for driving smart agricultural practices in Nigeria energy for agricultural and economic development.
- Driving climate-smart agricultural actions to build the resilience of vulnerable farming households in Nigeria.



## **E-LEARNING ACADEMY**

Clean Technology Hub, sits at the intersection of driving energy access and promoting climate-friendly solutions in Nigeria with years of experience and proven track record. To address these existing challenges, we have developed educational products under our Learning Academy to provide students, teachers, enthusiasts, professionals, and entrepreneurs with resources to aid and develop their skills in the sector.



## **DIGITAL ADVOCACY FOR CLIMATE EMERGENCY NETWORK & VOLUNTEER NETWORK**

In January 2020, Clean Technology Hub alongside other Sustainable Environment Partners organized a program titled 'Sustaining a Digital Advocacy for Climate Emergency' which subsequently metamorphosed into the DACE network. The members of the network are young people between the ages of 18-35 who are passionate about the environment and are committed to be change makers in their communities to bring about sustainable development.

# OUR PARTNERS



# CONTACT US



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