



**AFRICAN
SUSTAINABLE
ENERGIES**

SOLAR/WIND ENERGY

PROFILE

In Sub-Saharan Africa

BY: AFSE



**AFRICAN
SUSTAINABLE
ENERGIES**

WHO ~~WE~~ ARE

- AFSEnergies is an integrated Technical, Consulting and Service firm specializing in installing, maintaining, generating and providing sustainable energies for Nigeria and Africa at large using its Technological Models, Human Resource Assets, Innovation strategies and Intercontinental Cooperation for the African Energy Market.

OUR AIMS AND OBJECTIVES

To ensure that Households, Offices, Buildings, Facilities and Business places have sufficient, reliable, and sustainable energy at cost effective prices by providing Sustainable Energies for Africa by consulting, designing, procuring, supplying, installing and maintaining various energy systems including Solar, and Wind Systems.

WHAT WE DO?

- Solar Energy Services
- Wind Energy Services
- Consultancy Services
- Energy Auditing & Management Services
- Independent Solar Power Plant Generation
- Community /Agricultural development projects
- Solar Training

**RENEWABLE ENERGY,
CRITICAL TO MEETING
AFRICA'S ENERGY
NEEDS BY 2040**



**AFRICAN
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ENERGIES**



OUR MISSION STATEMENT

Our Mission is to bring Clean, Sustainable and Affordable Energy to every African Household and Office to enable Sustainable development. We strive to quench the quest for a steady, clean, cheap, and efficient power supply in an Energy demanding Africa

OUR VISION STATEMENT

Our vision is to be a clear leader in the Provision of Sustainable Energies for over 5,000,000 African Households, Villages, Offices, Buildings, Facilities and Organizations



SOLAR AFRICA



SOLAR AFRICA



OUR TARGET MARKET/OPPORTUNITIES



SOLAR ENERGY SERVICES

- We provide multiple Rooftop Solar PV Systems, Commercial field PV systems, Integrated Solar & Wind Systems, amongst others.
- We strive to provide you with the Best Sustainable, cheap, and Efficient Energy system including:
 - Hybrid Designs & Installation
 - Back-up Designs & Installation
 - Standalone Designs and Installation
 - Renovation / Re-modeling
 - Cleaning Services



SOLAR ENERGY SERVICES...



WIND ENERGY SERVICES

We at AFSEnergies strive to ensure that we provide the best wind system design, and installation to suit your energy need.

We specialize at Personal and Commercial Wind Energy Generation to power buildings, estates, and villages as the case maybe. We are also working with various partners and undergoing trainings to enable us power large towns.



CONSULTANCY SERVICES

- Providing seamless advice for organizations and companies hoping to invest in Africa and African companies hoping to invest or carry out business activities in Europe.
- We provide accurate data and risk analysis for organizations that are interested in investing in Africa's growing economy.
- We execute market research in African economies for European & Asian companies to determine the probability of success in specific markets taking into account, demographical data, location, historical influences etc.



ENERGY AUDITING & MANAGEMENT SERVICES

- An energy audit is the first step to assess how much energy your facility/ home/ energy systems consumes and to evaluate what measures you can take to make your facility more energy efficient. Our audit will show you problems that will, when corrected, save you significant amounts of money over time.
- We use our mathematical models with consideration to demographic data, slope of environment, radiation levels, wind speed, water depths and location of energy system required.
- We deliver:
- Detailed simulation of combination of building improvements to reduce energy needs
- Technology assessments and renewable energy feasibility studies
- Design of integrated low-energy buildings concepts, with high comfort levels and reasonable financial outlook
- Energy audits, optimization and backup energy systems.

INDEPENDENT SOLAR POWER GENERATION

Our Commercial Solar systems are utilized in order to transform mild sunlight into efficient energy that supplies you cheap power. Furthermore, this source of energy doesn't bring about air pollution and is easily applicable in a variety of industries such as farming, transport, or even living environments such as Office Complexes, Villages, Schools, Estates, Restaurants, Banks, Churches, Hotels, Hostels, Households, and everyday tasks such as Cooking food, heating systems, Water Pumps, etc.



COMMUNITY/AGRICULTURAL PROJECTS



COMMUNITY/AGRICULTURAL PROJECTS



Commissioning of Kebbi State Solar Powered Irrigation Rice Farms by the CBN Governor Nigeria, Governor of Kebbi State, and Minister for Agriculture, Nigeria.

SOLAR TRAINING

- African Sustainable Energies in partnership with Brianok Engineering offer a great opportunity for Solar Training. Whatever your reason for the training is, you will be training with experienced people who have over 20 years experience in the Solar Industry from various countries such as USA, and Canada. The practicals are strategic, and technically driven to ensure our students are capable of designing, and installing solar systems at the end of the training. Our students also qualify for the opportunity of being selected to work on very large-scale projects after the training.





OUR PROPOSITION

- Solar Energy is the new Oil
- African Sustainable Energies aims to ensure a less polluted environment.
- You need not depend totally on government for your energy needs.
- We provide cleaner, cheaper, safer and more efficient power systems for homes and business units.
- We Consult, Design, Procure, Supply, Install, Maintain, & Service various Renewable Energy projects in West Africa.



LAGOS CITY PROJECT



QUALITY POLICY

With our warranty of 1year for all our installation and service jobs, it is the intent and policy of AFSE to meet the quality requirements of World Class Standards by strict conformity with recognized and sound engineering practices, applicable codes, regulatory requirements and contractual commitments



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ENERGIES

African Sustainable Energies

HSE POLICY STATEMENT

Statement from Francis Odim, Chief Executive Officer AFSE.

The long-term business success of African Sustainable Energies depends on our ability to continually improve the quality of our services and products while protecting people and the environment. Emphasis must be placed on ensuring Human Health, Operational Safety, Environmental Protection, Quality Enhancement, and Community goodwill. This commitment is in the best interests of our customers, our employees, contractors, our stockholders, and the communities in which we live and work.

African Sustainable Energies requires the active commitment to and accountability for, QHSE from all employees and contractors. Operation Management has a leadership role in the communication and implementation of, ensuring compliance with, QHSE policies and Standards. We are committed to

- Protect, and Strive for improvement of, the health, safety and security of our people at all times;
- Eliminate Quality non-conformances and HSE accidents;
- Meet specified Customer requirements and ensure continues Customer satisfaction;
- Set Quality & HSE performance objectives, measure results, assess and continually improve processes, services and product quality, through the use of an Effective Management Systems;
- Plan for, respond to and recover from any emergency, crisis, and business disruption;
- Minimize our impact on the environment through pollution prevention, reduction of natural resource consumption and emissions, and the reduction and recycling of wastes;
- Improve our performance on issues relevant to our stakeholders that are of global concern and on which we can have an impact, and share with them our knowledge of successful QHSE programs and initiatives.

This policy shall be regularly reviewed to ensure ongoing suitability. The commitments listed are in addition to our basic obligation to comply with African Sustainable Energies' standards, as well as all applicable laws and regulations where we operate. This is critical to our business success because it allows us to systemically minimize all losses and adds value for all our stakeholders.


Engr. Francis Odim

Managing Director

13B SAM CAROL STREET, AGO PALACE WAY, ISOLO, LAGOS, NIGERIA

WHY AFSE?

- We offer a warranty of 1 year for all our installation and service jobs.
- With our expertise we still render the best service for a cheaper price.
- We ensure site monitoring with various energy monitoring applications & management systems to ensure best practices
- We are open as to location of job, and are willing to travel far for such jobs at no extra cost.
- We are open to conducting a FREE Energy Feasibility Survey and Semi-Audit for your energy system demand to determine what best suits you.

AFSE INTERNATIONAL STRATEGY



AFRICAN SUSTAINABLE ENERGIES

BENEFIT FOR PARTNER

- Energy Bill reduction
- Market campaign through training and seminars
- Local presence
- Ability to control and monitor new and existing customers
- Ability to access all ECOWAS nation (about 14 west African countries)
- Leveraging on our existing networks
- Increase sales by 40%
- Access to government projects or tender
- Applying for local and international grants
- Cheap operational cost
- Benefiting from the Sino-African relationship
- CSR and public awareness



Promenade, Marina, Lagos



- 1. High lumen high brightness Led source
- 2. Smart PIR motion sensor
- 3. High efficiency monocrystalline silicon
- 4. Pedestal Ventilation holes

PARTNERS



IMAGINE...

- Imagine the beauty of life with absolute clean energy.
- Imagine the ease of life with constant power.
- Imagine the radiance of a world with cheap and efficient power.
- Imagine business success with reliable energy at cheaper costs.
- Imagine a happy people with Sustainable Energy.
- Imagine endless possibilities with a reliable uninterrupted power supply.
- Imagine African Sustainable Energies!!!



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