

About Us

Eco Energy Ltd is a green social enterprise with principal focus on Biomass, Biogas and Solar. Access to reliable and sustainable energy is crucial for the development and well-being of communities.

Biomass (Charcoal and Ecological charcoal): Nearly one third (1/3) of the world still relies on rudimentary cooking means with serious consequences for human health especially the female gender who still cook their meals over open fire place or on basic stoves breathing in harmful smoke released from burning coal, wood charcoal firewood, or agriculture waste. Eco Energy Ltd intends to solve this problem by producing an ecological clean charcoal from sawdust and other organic waste as well as associating hardwood charcoal with advanced cook stoves.



Biogas:

Biogas is produced from decomposition of organic materials. These residues are placed in a biogas digester in the absence of oxygen. With the help of a range of bacteria, organic matters break down releasing a blend of gases: 45-85 vol % carbon-dioxide (CO₂). The used for multiple applications. Meanwhile, Biomethane is the upgraded form of biogas and approximately equal to natural gas in quality. It can also be produced by gasification or

power to methane technologies. Eco Energy Ltd intends to make use of some of the application of this biogas technology for local use such as shown below:

- Power for domestic (clean cooking) and industrial applications.
- Waste Recycling
- Agro Ecological Transition

Eco Energy Ltd has as vision to promote the affordable use of this technology in Cameroon and the sub central African region to reduced emission caused by other polluting energy sources in domestic and industrial applications. More details coming soon....

Solar:

Eco Energy Ltd aims to address these challenges by installing mini renewable energy plants ranging from solar, biomass and biogas of 100kw to 1MW in other to provide electricity to off-grid communities. . Unfortunately, many off-grid communities still rely on fossil fuels, which not only contribute to environmental degradation but also hinder socio-economic progress. By reducing reliance on fossil fuels and improving living conditions, this initiative will promote sustainability, energy independence, and overall community development. In its National Development Strategy 2020-2030, Cameroon has set significant targets for the development of its electricity sector: of an additional 3,500 MW by 2035 and about 1 million new connections to achieve the universal access to electricity by 2035. Eco Energy Ltd is supplier of domestic and industrial solar energy as in solar home system or construction of mini-solar photovoltaic power plants to generate off-grid power in remote communities in Cameroon the central African sub-region as shown in the diagram shown below: Solar mini-photovoltaic layout



The following components will normally constitute a traditional mini-solar photovoltaic plant as shown below: Solar Panels:



PV Array Combiner

PV Array Combiner



Solar Charge Controller:



ECO ENERGY
LIMITED

Safety Inverter:



Terminal Switch-gears circuits breakers



Battery Cabinet



Cables:



Solar Home System: Eco Energy Ltd is a accredited partner with SUN KING for distribution and installation of solar home system (SHS) as shown below:

SUN KING POWER HUB



HIGH POWER HYBRID SOLAR INVERTER TO REPLACE THE GRID .The Sun King solar inverter provides homes and businesses with seamless, clean and affordable energy around the clock. The inverter's 2.5kWh, long lifetime LFP battery charges through both solar and a grid connection when available, to reduce costs and provide uninterrupted power supply. 2.56kWh LFP ,Battery 3300W Pure Sine ,Wave Inverter 2.56kWh LFP Battery GSM enabled Monitoring and Analytics 900W to 3600W



ECO ENERGY LIMITED

WE ARE A GREEN SOCIAL ENTERPRISE WITH PRINCIPAL FOCUS ON BIOMASS, BIOGAS AND SOLAR RELATED WITH CLEAN COOKING INDUSTRY /
NOUS SOMMES UNE ENTREPRISE FOCALISEE SUR L'INDUSTRIE DU BIO ET DES ENERGIES RENOUVELABLES.

email : contact@ecoenergyltd.cm

CONTACTS : (+237) 233 393 360 – 694 659 999 – 651 944 602

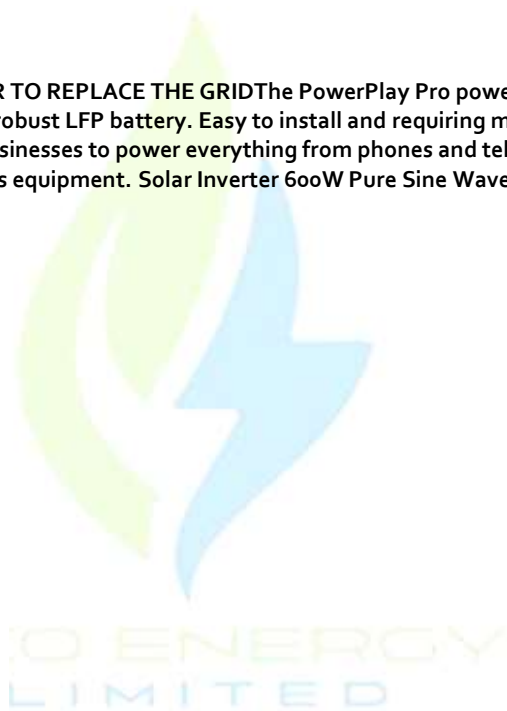
BASÉE A DOUALA - CAMEROUN | BP 9050; | REG : RC/DLA/2022/B/5964 | NUMERO CONTRIBUTUABLE : M10221770773A

POWERPLAY PRO



HIGH POWER HYBRID SOLAR INVERTER TO REPLACE THE GRIDThe PowerPlay Pro powers both AC and DC appliances using solar power, grid electricity, and a robust LFP battery. Easy to install and requiring minimal maintenance, the PowerPlay Pro allows households and businesses to power everything from phones and televisions to laptops, high-efficiency refrigerators, and light business equipment. Solar Inverter 600W Pure Sine Wave Inverter 800 Wh LFP Battery GSM enabled Monitoring and Analytics

PRO 200



BRIGHT LANTERN WITH

PHONE CHARGER: Light up your space and keep your phone charged with the Pro 200. This durable, portable, and lightweight lantern is suitable for both indoor and outdoor use. 200 Lumens of Light 2.35mW Integrated Solar Panel USB Mobile Phone Charging Port 20X Brighter than Kerosene Lamp 72 Hours Runtime 2200mAh Battery Capacity 5 years Battery Life



site web : www.ecoenergyltd.cm

CONTACTS : (+237) 233 393 360 – 694 659 999 – 651 944 602 | EMAIL : CONTACT@ECOENERGYLTD.CM

BASÉE A DOUALA - CAMEROUN | BP 9050; | REG : RC/DLA/2022/B/5964 | NUMERO CONTRIBUTUABLE : M10221770773A

HOME 40 PLUS



SOLAR TUBE LIGHTS WITH AN ADVANCED BATTERY CONTROL UNIT

2 Tube Lights (400 lumens)

5.5W, 10.5V

Polycrystalline Solar Panel

40X Brighter than Kerosene Lamp

USB Mobile Phone Charging Port (Fast Charge), 2550mAh Battery Capacity

HOME 200X



MODERN SOLAR LIGHTING WITH USB PHONE CHARGING: The Sun King Home 200X is an affordable entry-level Solar home system that features 3 tube lights with Individual wall mountable switches, a USB cable for mobile phone charging and a solar panel. It is a must have personal power grid for all.

3 Tube Lights (600 lumens)

11W, 16V Polycrystalline Solar Panel

60X Brighter than Kerosene Lamp

USB Mobile Phone Charging Port

11.1V 28.3Wh lithium-ion NMC Battery, 30 Hours Runtime

HOME 500X



POWER MORE APPLIANCES AND STAY CONNECTED

The Sun King Home 500X featuring four 200 lumen tube lights, provides ample lighting, entertainment, and comfort to your home as it can be paired with a Sun King Solar TV or a Pedestal fan

- 4 Tube Lights (800 lumens)
- 19 hours of light with all lamps on turbo mode
- 50W 16V Polycrystalline Solar Panel
- 90X Brighter than Kerosene Lamp
- 1 Motion Sensor Light (100 lumens)
- 2 USB Mobile Charging Ports
- 11.1V 141.52Wh lithium-ion NMC Battery
- Runtime 19 hours of light with all lamps on turbo mod

HOME 500X + 32' TV



The Sun King Home 500X with a digital HD LED TV is a complete solar-powered home lighting system. Enjoy up to 8 hours of use with all lamps on and the TV at default mode

- 4 Tube Lights (800 lumens)
- 5 Hours Runtime with lamps and TV 90X Brighter than Kerosene Lamp
- 1 Motion Sensor Light (100lumens)
- 50W 16V Polycrystalline Solar Panel
- 11.1V 141.52Wh lithium-ion NMC Battery
- 32' HD Digital TV

Installing or constructing a mini-solar photovoltaic plant will consist of the factors as listed below:



- **Site Selection:** Identify suitable off-grid communities that lack access to reliable electricity. Assess their energy needs, geographical conditions, and Size and community readiness for the installation of renewable energy systems.
- **Technology Selection:** Evaluate various factors like resource availability, cost-effectiveness, and scalability. Based on the assessment, select the most appropriate technology for each community.
- **System Design and Installation:** Develop detailed engineering designs and specifications for the selected renewable energy systems. Procure and install the necessary equipment, including solar panels, batteries, inverters, and electrical wiring. Ensure compliance with safety standards and local regulations.
- **Capacity Building and Training:** Conduct training programs to empower community members with the skills required for the operation, maintenance, and troubleshooting of the renewable energy systems. Foster local expertise to ensure the long-term sustainability of the project.
- **Community Engagement:** Foster community participation and collaboration throughout the project lifecycle. Involve community members in decision-making processes and encourage their active involvement in the installation and maintenance of the renewable energy systems.
- **Monitoring and Evaluation:** Implement a robust monitoring and evaluation framework to assess the performance, efficiency, and impact of the installed renewable energy systems. Gather feedback from community members and make necessary adjustments to ensure optimal functioning.



ECO ENERGY LIMITED

WE ARE A GREEN SOCIAL ENTERPRISE WITH PRINCIPAL FOCUS ON BIOMASS, BIOGAS AND SOLAR RELATED WITH CLEAN COOKING INDUSTRY /
NOUS SOMMES UNE ENTREPRISE FOCALISEE SUR L'INDUSTRIE DU BIO ET DES ENERGIES RENOUVELABLES.

email : contact@ecoenergyltd.cm

CONTACTS : (+237) 233 393 360 – 694 659 999 – 651 944 602

BASÉE A DOUALA - CAMEROUN | BP 9050; | REG : RC/DLA/2022/B/5964 | NUMERO CONTRIBUTUABLE : M10221770773A

Project Implementation Timeline

The estimated timeline for the project is as follows:

- Phase 1: Planning and Preparation
 - Site selection and community assessment
 - Technology selection and system design
 - Procurement of equipment
- Phase 2: Installation and Training
 - Equipment installation
 - Capacity building and training
- Phase 3: Monitoring and Evaluation
 - System performance monitoring
 - Evaluation and feedback gathering
 - Total time estimate is between 2-5 months from start to finish

SUSTAINABILITE AND IMPACT

Renewable energies produces very little or no green houses gases as compared to fossil fuels such as coal ,petrol and natural gas. Infact , renewable energies produces relatively no emissions at all. Eco Energy Ltd vision is to poinner as a future leader in the green industry energy sector in Cameroon by working with the government ,communities and international partners to avdanced SDG goals nationwide. This will contributes to achieving the objective of nationally determined contributions in line with the 2020-2030 National Development Strategy (NDS30).by 2035 . As well as government's undertaking during implementation of the UNFCCC mitigation dimension in line with 2015 Paris Summit declaration agreement limiting the rise in global temperature to 2°C.

ECO ENERGY
LIMITED



site web : www.ecoenergyltd.cm

CONTACTS : (+237) 233 393 360 – 694 659 999 – 651 944 602 | EMAIL : CONTACT@ECOENERGYLTD.CM

BASÉE A DOUALA - CAMEROUN | BP 9050; | REG : RC/DLA/2022/B/5964 | NUMERO CONTRIBUTUABLE : M10221770773A



ECO ENERGY LIMITED

WE ARE A GREEN SOCIAL ENTERPRISE WITH PRINCIPAL FOCUS ON BIOMASS, BIOGAS AND SOLAR RELATED
WITH CLEAN COOKING INDUSTRY /
NOUS SOMMES UNE ENTREPRISE FOCALISEE SUR L'INDUSTRIE DU BIO ET DES ENERGIES RENOUVELABLES.

email : contact@ecoenergyltd.cm

CONTACTS : (+237) 233 393 360 – 694 659 999 – 651 944 602

BASÉE A DOUALA - CAMEROUN | BP 9050; | R&G : RC/DLA/2022/B/5964 | NUMERO CONTRIBUTABLE : M10221770773A

Management Team Key managers



Paul Achuo

Manager & Co-founder

2015- 2017 B1 Mechanic

National Aerospace University Kharkov Ukraine.

With over 5 years of experience in the Biomass industry



Jude Saah - Co Founder /Managing Partner

2012- 2016 Bachelor Degree, Business, Finance and Management (Marketing) -

University Institute of the Gulf of Guinea (IUG) Cameroon

Dynamic and skilled professional t, 6 years' experience in International Trade



site web : www.ecoenergyltd.cm

CONTACTS : (+237) 233 393 360 – 694 659 999 – 651 944 602 | EMAIL : CONTACT@ECOENERGYLTD.CM

BASÉE A DOUALA - CAMEROUN | BP 9050; | R&G : RC/DLA/2022/B/5964 | NUMERO CONTRIBUTABLE : M10221770773A



ECO ENERGY LIMITED

WE ARE A GREEN SOCIAL ENTERPRISE WITH PRINCIPAL FOCUS ON BIOMASS, BIOGAS AND SOLAR RELATED WITH CLEAN COOKING INDUSTRY /
NOUS SOMMES UNE ENTREPRISE FOCALISEE SUR L'INDUSTRIE DU BIO ET DES ENERGIES RENOUVELABLES.

email : contact@ecoenergyltd.cm

CONTACTS : (+237) 233 393 360 – 694 659 999 – 651 944 602

BASÉE A DOUALA - CAMEROUN | BP 9050; | R&G : RC/DLA/2022/B/5964 | NUMERO CONTRIBUTUABLE : M10221770773A



Tabi Newton Ayuk (Accountant)

MBA Finance

Chief of Service of Accounts

Cambridge International College (The British College of Professional Management) -Buea, Cameroon

Rome Business School - Italy, represented by FOTABE University, Douala, Cameroon

South West Development Authority(Cumulates the functions of the Accounts Assistant for SOWEDA and the Accounts Assistant of the Livestock and Fisheries Development Project (LFDP) - for the South West Region (A project that was co-sponsored by the African Development Bank(AfDB) and the Arab Bank for Economic Development in Africa (BADEA).



Nnam Achuo Mercy (Marketing /Sales)

2013-2015: Business, Finance and Management (Marketing -National Polytechnic Bambui (Higher National Diploma) HND Cameroon.

2019-2020: Bachelor Degree, Business, Finance and Management (Marketing) - University Institute of the Gulf of Guinea (IUG) Cameroon. ■

2019-2021 NT COOPORATION LTD BONAMUSADI DOUALA

■ **Dynamic and skilled professional seeking to employ his knowledge and skills to ensure the business and its clients meet the performance and satisfaction expectations in an efficient and effective manner.**

Operations Officer, Operations Supervisor, Credit Analyst, Account Relations Manager and Branch Manager. Ability to work in a team and with people of different cultural backgrounds.

site web : www.ecoenergyltd.cm

CONTACTS : (+237) 233 393 360 – 694 659 999 – 651 944 602 | EMAIL : CONTACT@ECOENERGYLTD.CM

BASÉE A DOUALA - CAMEROUN | BP 9050; | R&G : RC/DLA/2022/B/5964 | NUMERO CONTRIBUTUABLE : M10221770773A





ECO ENERGY LIMITED

WE ARE A GREEN SOCIAL ENTERPRISE WITH PRINCIPAL FOCUS ON BIOMASS, BIOGAS AND SOLAR RELATED WITH CLEAN COOKING INDUSTRY /
NOUS SOMMES UNE ENTREPRISE FOCALISEE SUR L'INDUSTRIE DU BIO ET DES ENERGIES RENOUVELABLES.

email : contact@ecoenergyltd.cm

CONTACTS : (+237) 233 393 360 – 694 659 999 – 651 944 602

BASÉE A DOUALA - CAMEROUN | BP 9050; | REG : RC/DLA/2022/B/5964 | NUMERO CONTRIBUTUABLE : M10221770773A



MVO BEAT JUNIOR KANG (Marketing/ Sales)

Higher National Diploma (HND) in Marketing 2019 at IUG Cameroon

Bachelor Degree Holder in Marketing 2020 at IUG Cameroon

- Two months sales personnel at British shopping center
- Two months sales agent at SWECOM LTD

One year professional internship as sales agent at SOURCE DES TRAVAUX



TEGUIA AXEL WILTORD (Marketing/ Sales)

BREVET DE TECHNICIEN SUPERIEUR (BTS) in 2023 at INSAM Cameroon

LICENCE PROFESSIONNELLE EN GENIE LOGICIEL in 2024 at IUES/INSAM Cameroon

- Software Engeener at La Merveille Art de Bafoussam
- 03 years as Computer Graphic designer at La Merveille ART



site web : www.ecoenergyltd.cm

CONTACTS : (+237) 233 393 360 – 694 659 999 – 651 944 602 | EMAIL : CONTACT@ECOENERGYLTD.CM

BASÉE A DOUALA - CAMEROUN | BP 9050; | REG : RC/DLA/2022/B/5964 | NUMERO CONTRIBUTUABLE : M10221770773A



ABAH SAMUEL

- ✓ 2014-2016: National Polytechnic Bambui (Higher National Diploma) HND
- ✓ 2013-2014: Government Technical High School Bamenda (BACCALAUREAT TECHNIQUE MAINTENANCE ET INSTALLATION DES SYSTEMES ELECTRONIQUES) (MISE)
- ✓ Competency in software and hardware

PROFESSIONAL EXPERIENCES

- ✓ January 2013 –March 2013: Practical experience with the Keda electronics at commercial Avenue, Flexcom institute and Abakwa FM. 99.0 MHZ
- ✓ February 2014 – April 2014: Practical experience with Ndefcam Radio FM 94.9 MHZ
- July 2017 – January 2020 MTN Cameroon (Brand Ambassador)

