TECHNOSYS LIMITED
Company profile 2014 - 2015

Wind Turbines,
Solar street lighting,
High Efficiency
Solar water heater,
Home solar power systems,
Battery and Backup systems.

Collection
Solar panels
Micro-inverter,
Bikes and electrical power station.

Our mission

E-mail: technosys255@gmail.com  Website: www.aquienergo.com

Powering your life is our commitment
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About us

Our Mission, Vision, and Values

Our services

Solar for communication systems
Wind Turbine
Integrated solar system unit
Inverters Batteries and Solar panels
Solar street Light
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Website: www.aquienergo.com | e-mail: technosys255@gmail.com
Introduction and Legitimacy

Technosys Ltd is a Sister Company of TECHNOHUB which registered in Ukraine Europe.

Technosys Ltd is a registered in Tanzania to deal with among other Solar Equipment supply and installation. The company has officially started its business operations on 2012 and has secured all legal legitimacy to conduct business in the united republic of Tanzania through certificate of incorporation no. 92528 of 24th July 2012

Professionalism


This we know for sure: In business today, Time is Money. Therefore, at Technosys Ltd, we do everything we can to keep you online and operating efficiently

Our greatest asset is our people i.e., senior level Engineers, Designers and field supervisors with over 2 years industrial experience in Renewable Energy, Systems design, Electrical & Electronics Services

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**MISSION**

Technosys Ltd is standing by to deliver quality, efficiency, expertise and value to support Tanzanian by providing reliable and cheap energy solutions.

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**VISION**

Our Vision is through a total quality approach, to expand New Technology in Tanzania. Best service is available in Solar systems design. We do all kind of installation, repair of electronic/electrical equipment's in Automotive, Generator and any industrial machine. Come and get our professional in technical service.

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We strive to first listen to our clients needs. Then tailor make a package of service that fits the explicit requirements for that client.

We offer a first class service in every sense of the word, keeping our client needs at the forefront.

We look at each client as a unique venue where the service requirement may resemble others we supply but will never be the assumpti
Our services encompass Individuals, Government Sector and Private Sector.

OUR ABILITY TO WORK.....

Supply and Installation Power Back-Up System

**Back-up power** allows you to continue using certain (or all) appliances when utility provided grid electricity is not available. If a hurricane knocks out the power lines, if there are rolling black-out’s, or if you simply want to disconnect from the grid a back-up power system with a bank of batteries which can be kept charged - with solar panels or gas generator or wind generator OR BY THE GRID WHEN IS IT OPERATING - can supply power for a limited amount of time, depending on how many batteries you have and your battery charging method.

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2. Supply and Installation of House and Home solar control Light systems
3. Supply and Installation Solar Water Heater

- The revolution in the solar market. The Solcrafte style inte-grated collector storage system impresses with its compactness, simplicity, cost-effectiveness and top design.

- Solcrafte generate hot water the entire year. An optional integrated heating rod can be supplied to provide hot water on even the coldest days.

200 Litres

150 Litres

100 Litres

THE ALL IN ONE SYSTEM
- Integrated collector storage system
- Modern design
- Best price
- Save up to 80% on energy costs for sanitary water production
- Easy to install (flat roof/on roof) with time saving of 30% compared to other systems.
- Low maintenance
- Four years warranty
- Hot water 365 days a year

*TECHNOSYS Limited is authorised distributor of Solcrafte in Tanzania*

The hybrid wind and solar system and Self Energy Pacific exceeds performance expectations, facilitating communication services during difficult conditions without diesel generator backup. Nearly all telecom operators face an ongoing challenge: maintaining constant service even in remote locations.

The company selected local Partner Self Energy Pacific and installs a solar PV, wind, and battery hybrid system. Solar system provides 6KVA while the wind generator provides 1KVA. The varied renewable energy sources maintain constant uptime while still reducing the overall operating expenditures. Traditionally, telecom operators have turned to inefficient, costly diesel generators for similar situations.

By utilizing the abundant wind and solar potential, perhaps most importantly, the company has greater peace of mind: Though upfront costs for hybrid renewable energy systems have typically been a deterring factor for telecoms operators, financing capabilities now can eliminate this burden.
5. Supply and Installation Wind Turbine Systems

- This is the equipment that generates electricity using wind. Wind turbines operate on a simple principle, energy in the wind turns two or three propeller-like blades around a rotor. The rotor is connected to the main shaft, which spins a generator to create electricity.

- Types of Wind Turbine
  
  (1) Vertical Wind Turbine (UGE)
  
  (2) Horizontal Wind Turbine (ShootPower)

- **Integrated solar system** is one of our company's portable solar power systems, that with both AC and DC output. It could supply power to indoor and outdoor lighting, as well as other AC or DC electrical equipment.
- Our products are for home and outdoor using, the power is from 3W to 30KW, which can meet different requirements.
- These are integrated units (all in one) that comprises of inverters, batteries, charger controllers built in one unit and a solar panel as a source of power. These units are different in sizes and watts.
- All of them can be used as home, school, offices and other area illumination as well as power supply for digital products, air condition, refrigerator, TV, electric fan, computer as far as loader doesn't exceed the output voltage of the system. Each unit has its panels according to its output power.

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7. Supply of Inverters, Solar Panels & batteries.

- Several solar panels can be connected between each other. In addition the integration storage ensures that electricity produced during day is available at night. There are many different solar panels and these are 10W, 20W, 30W, 40W, 50W, 60W, 80W, 100W, 135W, 150W, 240W and 280W.

**Types of Solar Panels.**
- Polycrystalline Solar Panel.
- Monocrystalline Solar Panel

- A solar inverter, or PV inverter, converts the variable direct current (DC) output of a photovoltaic (PV) solar panel into a utility alternating current (AC) that can be fed into a commercial electrical grid or used by a local, off-grid electrical network. It is a critical BOS-component in a photovoltaic system, allowing the use of ordinary AC-powered equipment. Solar inverters have special functions adapted for use with photovoltaic arrays, including maximum power point tracking and anti-islanding protection. There variety of solar inverters for 0.3KW to 10KW depending on the need of the customer.

- An electric battery is a device consisting of one or more electrochemical cells that convert stored chemical energy into electrical energy. Each cell contains a positive terminal, or cathode, and a negative terminal, or anode. Electrolytes allow ions to move between the electrodes and terminals, which allows current to flow out of the battery to perform work.

**Types of Batteries we have.**
- Deka, AGM, Kiori, Litta, Fortune

**Note:** All types of batteries are Deep cycle which means has long life and allows charging and discharging for 5000 times.
9. Supply and Installation of Solar Street Light

- **Solar street light** is an application product of Photoelectric Conversion. It is energy-saving, environment friendly, safety no wiring, easy installation, auto control and install wherever needed.
- Roadway lighting, lighting in towns and villages, decorative lighting in scenic sports, lighting in no electricity areas and construction field.
CERTIFICATE

TANZANIA REVENUE AUTHORITY

CERTIFICATE OF REGISTRATION

FOR

TAXPAYER IDENTIFICATION NUMBER (TIN)

ISSUED UNDER SECTION 153 OF THE INCOME TAX ACT NO. 11 OF 2004

THIS IS TO CERTIFY THAT

TECHNOSYS LIMITED

has been registered with the Tanzania Revenue Authority and assigned the Taxpayer Identification Number

139-375-726

with effect from 07-09-2012

OFFICIAL SEAL

COMMISSIONER FOR DOMESTIC REVENUE

NOTE: THE REQUIREMENTS UNDER WHICH THIS CERTIFICATE IS ISSUED ARE DISPLAYED ON THE PAGE

TANZANIA

Certificate of Incorporation

Section 15

No 92528

I HEREBY CERTIFY THAT

TECHNOSYS LIMITED

is this day incorporated under the Companies Act, 2002 and that the Company is Limited

Given under my hand at Dar es salaam

this 24TH day of JULY

TWO THOUSAND AND TWELVE

Sgd: N. SHANI

Ass. Registrar of Companies
TECHNOSYS LIMITED

CONTACT US

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