

PHOTONS ENERGY LIMITED

COMPANY PROFILE



**SAKINA AREA, OPPOSITE SUMA JKT
ARUSHA - TANZANIA**

info@photonsenergy.com
www.photonsenergy.com





COMPANY SUMMARY

ABOUT US

Photons Energy Ltd is a local EPC company providing end-to-end solar energy services. We design, procure, install, maintain & operate tailor made solar solution to both residential & commercial clients across Tanzania.

The company was incorporated under the company registration act 2002 on 17th March, 2014. As the company is also providing construction services in the field of renewable energy, the company is registered with Contractors Registration Board CRB with the registration number SPE3/704/2017



Company History



Idea inception
creation of Photons Energy Ltd

2012

Company Registration
with CRB

2017

Installation of the
First Mini-Grid

2019

Birth of the
sister company
Tool Plus Ltd

2021

2014

Registration of the
company with BRELA

2018

Implementation of the first
Government funded
public project

2020

Birth of the
sister company
Umeme Plus Ltd

2022

Installation of first
Mini-Grid in
Zanzibar

Mission, Vision & Values

Mission

To provide quality services and investment return while transforming our customers lives

Vision

To become the leading solar EPC company in Tanzania

Values

Progress - Integrity - Client centricity



Services

System Design & Consultation
Project Planning & Management
Energy Efficiency
Supply of Genuine Components
Installation of Renewable Energy
Maintenance
Remote Monitoring System



Solar Power Systems , Solar Water Pumping Systems
Solar Water Heating Systems , Energy Audits , Electric Backup Systems
Diesel generator , Energy Efficient Appliances
Smart Water dispensing smart Taps



Products

We provide and supply genuine renewable energy products from trusted manufactures. From solar power systems, solar water heaters, solar water pumps, electrical backup systems and other related systems.



Our Clients

Clients



Contact Us

Contact Numbers and Emails

Tel: +255 783 061 448 | +255 762 067 467

+255 745 366 077

 Email: info@photonsenergy.com

 Web: www.photonsenergy.com

Postal Address

P O Box 16158 Arusha - Tanzania

Physical Address

Opposite Suma JKT 

Along Arusha – Namanga Road

Social Media Links

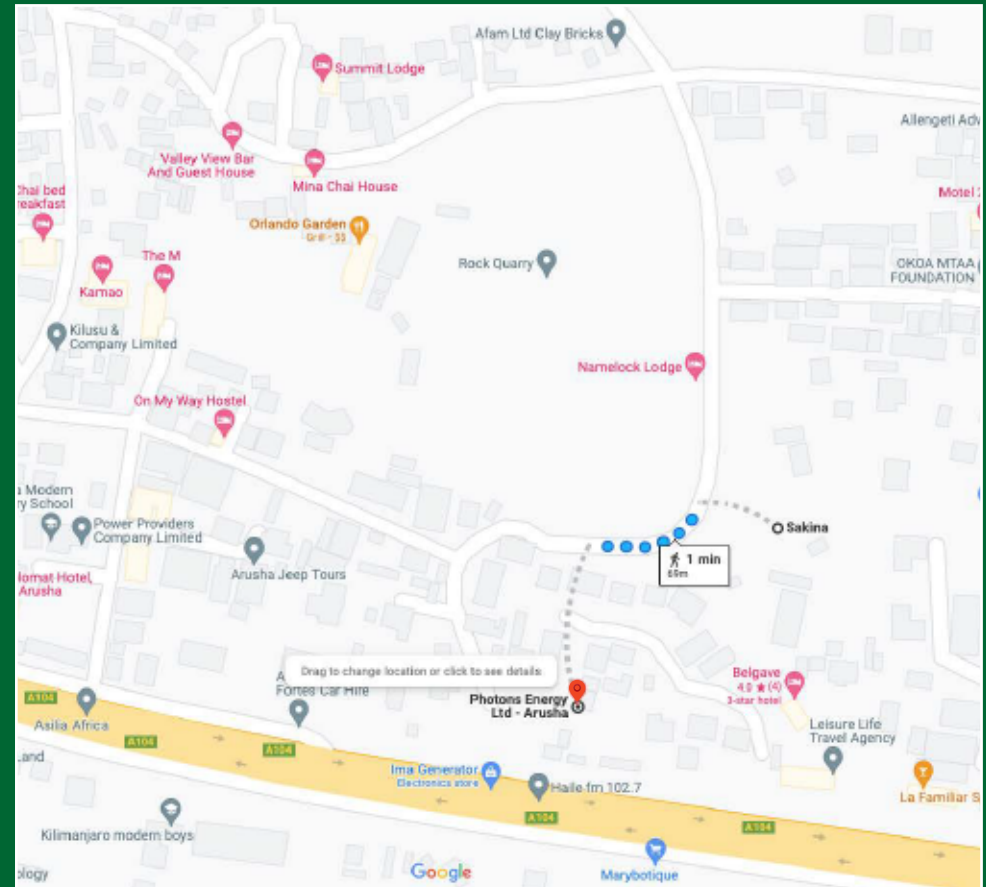
 [Photonsenergy_ltd](#)

 [Photonsenergy_ltd](#)

 [Photonsenergy_ltd](#)

 [Photons Energy Limited](#)

 [Photons Energy LTd Tanzania](#)



Reference Projects



Project Description

Kokota Islet in Pemba - Zanzibar
80.1kWp Solar PV system
150kWh battery bank
Provides 100% of the whole Islet
Electrical Energy

Reference Projects



Project Discription

Njau Islet in Pemba - Zanzibar

51kWp Solar PV system

99kWh battery bank

Provides 100% of the whole Islet
Electrical Energy

Reference Projects



Project Description

Shirati KMT Hospital

84kWp Solar PV system

480kWh battery bank

Provides 100% of the Hospital
Electrical Energy

Reference Projects



Project Discription

GOSHENI - ACACIA CAMP

15kWp Solar PV system

38.4kWh battery bank

Solar water heating units

Provides 100% of the Camp Energy Needs

Reference Projects



Project Discription

**HOD HODI RUAHA LODGE
(RUAHA IRINGA)**

22.7kWp Solar PV system

103kWh battery bank

5.4KWp Solar water pumping system

Solar water heating units

Provides 100% of the Camp Energy Needs

Reference Projects



Project Description

MAWELA VTC – GRID TIE SOLAR PV SYSTEM

10 kWp Solar PV system

Offset most of the day time energy consumption Batteryless solar PV system

Reference Projects



Project Description

**CRADLE OF LOVE
(USA RIVER)**

16.8kWp Solar PV system

24.75kWh battery bank (Lithium Battery)

Reference Projects



Project Discription

SOLAR WATER HEATING SYSTEMS

A total of 900 liters

Closed loop solar water heating system

Reference Projects



Project Discription

**LITEMBO HOSPITAL– GRID TIE
SOLAR PV SYSTEM**

32 kWp Solar PV system

**Offest most of the day time energy
consumption Batteryless solar PV system**

Reference Projects



THE SOUND OF SILENCE LODGE (SERENGETI)

8kWp Solar PV system
38.4kWh battery bank
Solar water heating units
Provides 100% of the Camp Energy Needs

Reference Projects



Project Discription

SHIRATI HOSPITAL– SOLAR WATER PUMP SYSTEM

80m Total head

3Km Horizontal Distance

150000 liters per day

18.8kWp Solar PV System

pump type lorentz.

Reference Projects



Msamaneni Ngurdoto – Solar water pumping irrigation project
Funded by iTEC

6.8 kWp Solar PV system
112m pumping head
35,000 liters per day

Reference Projects



Project Discription

GITOYA BARIADI – SOLAR WATER PUMP SYSTEM

190m Total head

6Km Horizontal Distance

150000 liters per day

28kWp Solar PV System

pump type lorentz.

Reference Projects



Project Discription

SUNUKA KIGOMA – SOLAR WATER PUMP SYSTEM

20m Total head

400m Horizontal Distance

230000 liters per day

8.1kWp Solar PV System

pump type lorentz.

Reference Projects



Project Discription

SAME- SOLAR WATER PUMP SYSTEM

10m Total head

600m Horizontal Distance

900000 liters per day

16kWp Solar PV System

pump type lorentz.

Reference Projects



Project Discription

GENERATOR

HONEY GUIDE - 22kVA

SHAMBA KIPARA - 110kVA

ST. BENARD - 15kVA



AWARD
THE BEST AFRICAN SOLAR PROJECT
OF THE YEAR
2022



Certificates and Compliances



CTN 1850689

TANZANIA REVENUE AUTHORITY

CERTIFICATE OF REGISTRATION FOR TAXPAYER IDENTIFICATION NUMBER (TIN)

THIS IS TO CERTIFY THAT
PHOTONS ENERGY LIMITED

HAS BEEN REGISTERED WITH THE TANZANIA REVENUE AUTHORITY AND ASSIGNED THE TAXPAYER IDENTIFICATION NUMBER

123-755-936

WITH EFFECT FROM: 30 April 2014

TRA LOCATION: ARUSHA TAX OFFICE: ARUSHA

PHYSICAL LOCATION:
STREET / AREA: OPP SUMA JKT-SAKINA

OFFICIAL SEAL
COMMISSIONER FOR DOMESTIC REVENUE

TANZANIA REVENUE AUTHORITY

Certificate of Registration for Value Added Tax (VAT)

THIS IS TO CERTIFY THAT
PHOTONS ENERGY LIMITED

WHOSE TAXPAYER IDENTIFICATION NUMBER (TIN) IS **123-755-936**

HAS BEEN REGISTERED FOR VALUE ADDED TAX (VAT) AND ASSIGNED VAT REGISTRATION NUMBER (VRN) **40-022600-R**

FOR BUSINESS LOCATED AT **SUMU-SUMA JKT UNSAWAY ARUSHA**

WITH EFFECT FROM: 30 December 2015
GIVEN UNDER MY HAND
THIS 22nd DAY OF December 2015

COMMISSIONER FOR VAT

TANZANIA CONTRACTORS REGISTRATION BOARD

No. 0430

CERTIFICATE OF REGISTRATION

This is to Certify that

Photons Energy Limited
is registered as **SPECIALIST CONTRACTOR**
Class **Three**

Registration No. **SPE3/704/04/2017** Category **Local**

In the field of **Renewable Energy Installation - solar**

In accordance with the provisions of The Contractors Registration Act No. 17 of 1997

In witness whereof the common seal has been affixed hereto on this **28th** day of **April, 2017**

Registrar Chairman

TANZANIA

Certificate of Incorporation
Section 15
No **106876**

I HEREBY CERTIFY THAT
PHOTONS ENERGY 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 **17th** day of **MARCH**
TWO THOUSAND AND FOURTEEN.

Asst. Registrar of Companies

THE UNITED REPUBLIC OF TANZANIA
WORKERS COMPENSATION FUND

CERTIFICATE OF REGISTRATION

REGISTRATION NO. **811926**

This is to certify that

Photons Energy Limited

having accordingly fulfilled the conditions and requirements specified under the provisions of the Workers Compensation Act (CAP 265 (I) of 2016) is hereby registered as Employer.

GIVEN under my hand and seal of the Workers Compensation Fund
this day, November 8, 2017.

Director General
Workers Compensation Fund

TIN: 123-755-936
VRN: 40-022600-R

CRB REG. NO SPE3/704/04/2017
INCORPORATION NUMBER - 106875