

# PHOTONS ENERGY LIMITED

## COMPANY PROFILE



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

[info@photonsenergy.com](mailto:info@photonsenergy.com)  
[www.photonsenergy.com](http://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

Partnership with Ofgen  
& Lumen EA for bigger  
projects implementation

2023

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



# Official Distributor of BYD BATTERY



# Strategy Project Partners

Photons Energy has got partners when it comes to implementing bigger projects,  
Here are our valued partners



OFGEN is an Africa-focused Distributed Renewable Energy company with its Offices in Kenya, South Africa, Uganda, and Rwanda

The company has been in operation since 2014 with a market focus on the Commercial and Industrial Sector (C&I).

Ofgen has implemented a number of big PV projects and so far has an installed capacity of 34MWp

Website : <https://ofgen.africa>



Lumen Associates is an outstanding Management Consulting firm, operating with offices spread across Tanzania, Kenya, and the USA. They have a remarkable ability to nurture their clients' capabilities in people, process, and technology, ensuring substantial growth and development.

Website : <https://lumen-ea.com>

# 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



Asilia



# Contact Us

## Contact Numbers and Emails

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

+255 745 366 077

✉ Email: [info@photonsenergy.com](mailto:info@photonsenergy.com)

🌐 Web: [www.photonsenergy.com](http://www.photonsenergy.com)

## Postal Address

P O Box 16158 Arusha - Tanzania

## Physical Address

Opposite Suma JKT 📍

Along Arusha – Namanga Road

## Social Media Links

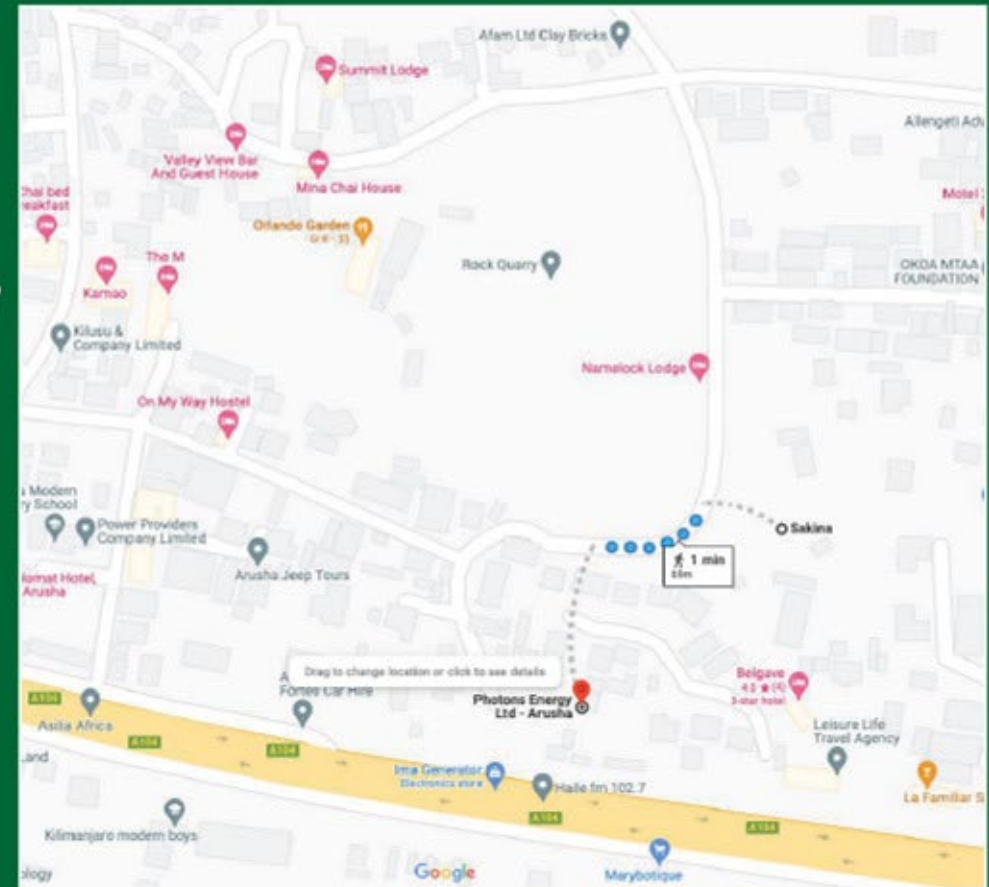
📷 [Photonsenergy\\_ltd](#)

🐦 [Photonsenergy\\_ltd](#)

📺 [Photonsenergy\\_ltd](#)

f [Photons Energy Limited](#)

in [Photons Energy LTd Tanzania](#)



SCAN ME FOR MORE INFO

# 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 Description

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 Description

**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 Description

**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 Description

**SOLAR WATER HEATING SYSTEMS**

A total of 900 liters

Closed loop solar water heating system

# Reference Projects



## Project Description

LITEMBO HOSPITAL- GRID TIE  
SOLAR PV SYSTEM

32 kWp Solar PV system

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

# Reference Projects



## Project Description

### 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

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## Project Description

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CFAO MOTORS TANZANIA C&I GRID TIE SYSTEM

120.12 kWp Solar PV System

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

# Reference Projects



## Project Description

### 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 Description

### 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 Description

### 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 Description

GENERATOR

HONEY GUIDE - 22kVA

SHAMBA KIPARA - 110kVA

ST. BENARD - 15kVA



# AWARD

**THE BEST AFRICAN SOLAR PROJECT  
OF THE YEAR  
2022**





**SOLAR ENERGY COMPANY  
OF THE YEAR 2023**

# Certificates and Compliances



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

TAX LOCATION: ARUSHA TAX OFFICE: ARUSHA

PHYSICAL LOCATION:

STREET / AREA: OPP SUMA JCT-SAKINA

OFFICIAL SEAL  
COMMISSIONER FOR DOMESTIC REVENUE

**TANZANIA REVENUE AUTHORITY**

Certificate of Registration  
for  
Value Added Tax (VAT)

ISSUED UNDER SECTION 21 OF THE VALUE ADDED TAX ACT NO. 34 OF 1997

**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: SAVINA-SUMA RT UNDAVEY  
ARUSHA

WITH EFFECT FROM: 22 December 2015  
GIVEN UNDER MY HAND

THIS 22nd DAY OF December 2015

COMMISSIONER FOR VAT

**CONTRACTORS REGISTRATION BOARD**

**CERTIFICATE OF REGISTRATION**

This is to Certify that

**Photons Energy Ltd**  
is registered as  
**SPECIALIST CONTRACTOR**  
Class Two  
Registration No: **SPE2/401/05/2023** 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 **12th** day of **May, 2023**

Registrar Chairman

This Certificate is held subject to the by-laws made under the Act.

**TANZANIA**

Certificate of Incorporation  
Section 15  
No **106875**

**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. 011928

This is to certify that:

**Photons Energy Limited**

Having substantially fulfilled the conditions and requirements specified under the  
provisions of the Workers Compensation Act (CAP 203 R.E. 2010) and the Workers  
Compensation Regulations, 2010, is hereby registered as Employer.

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

Wazid J. Mwanjima  
Director General  
Workers Compensation Fund

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

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