

# 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

2014

Registration of the  
company with BRELA

2018

Implementation of the first  
Government funded  
public project

2020

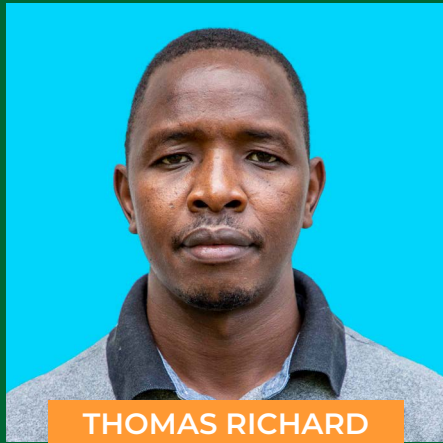
Birth of the  
sister company  
Umeme Plus Ltd

2022

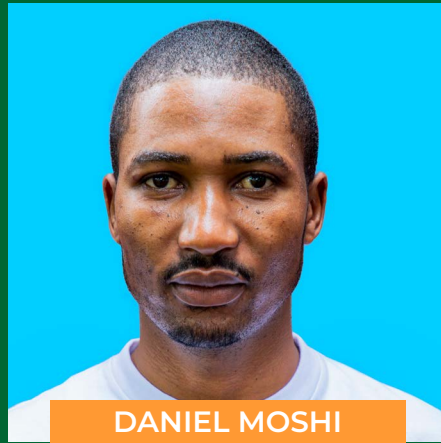
Installation of first  
Mini-Grid in  
Zanzibar



# Meet the Team



**THOMAS RICHARD**  
MANAGING DIRECTOR



**DANIEL MOSHI**  
OPERATIONS DIRECTOR



**ROMAN SHAYO**  
BUSINESS DEVELOPMENT AND  
TECHNICAL DIRECTOR



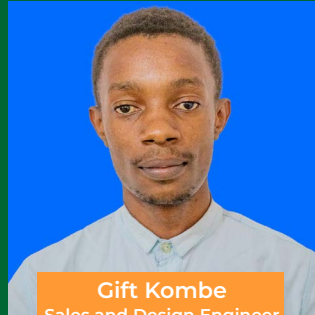
**VINCENT MAPUNDA**  
FINANCE DIRECTOR



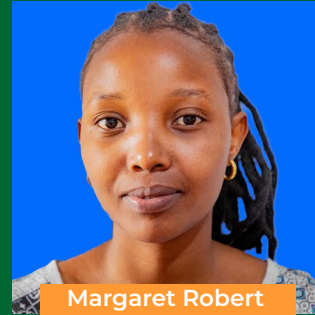
**Olivie Damian**  
Accountant



**Hadija Hashimu**  
Account Assistant



**Gift Kombe**  
Sales and Design Engineer



**Margaret Robert**  
Sales and Design Engineer



**Eng. Erick Kimambo**  
Technical Logistic and Procurement



**Hassan Msangi**  
Lead Technician



**James Pallangyo**  
Technician



**Mathew Mdushi**  
Technician



**Edison Sumari**  
Lead Welder



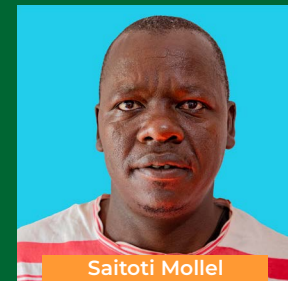
**Ezekiel Lema**  
Welder



**Jordan Mtui**  
Digital sales Officer



**Neema Mwanga**  
Office Assistant



**Saitoti Mollel**  
Security Guard



# 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](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

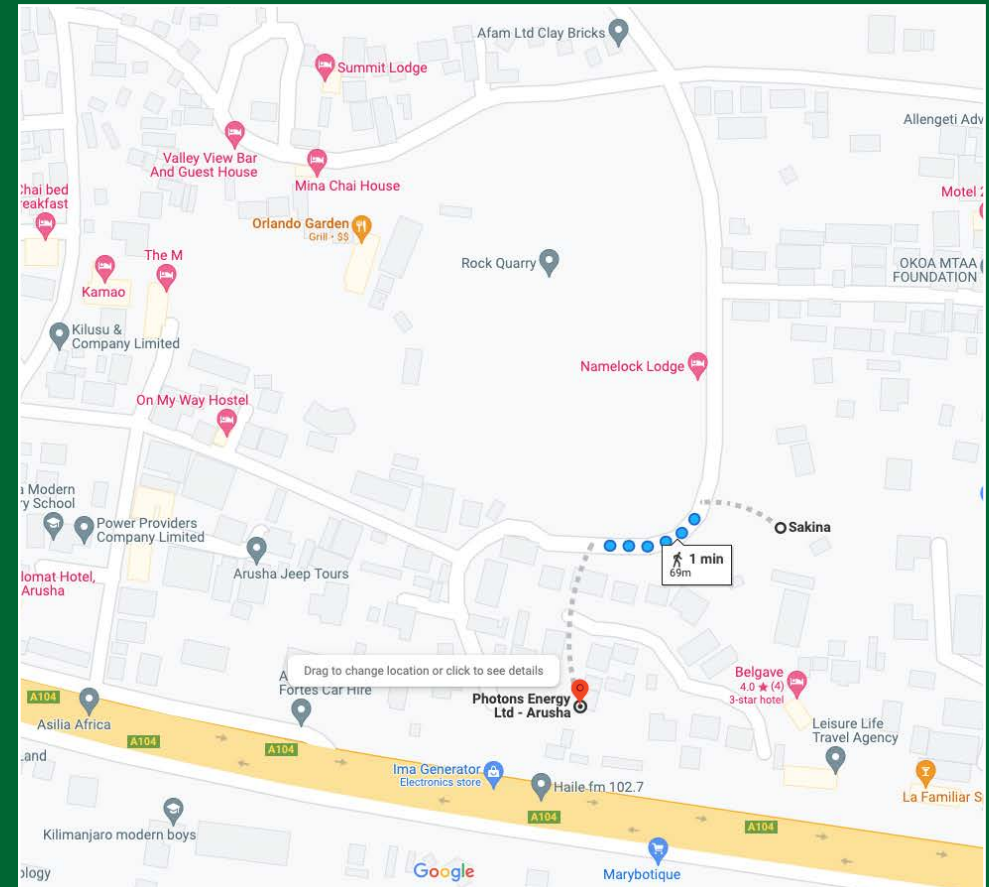
📷 [Photonsenergy\\_ltd](#)

🐦 [Photonsenergy\\_ltd](#)

📺 [Photonsenergy\\_ltd](#)

f [Photons Energy Limited](#)

in [Photons Energy LTd Tanzania](#)



SCAN ME FOR MORE INFO

# Reference Projects



## Project Discription

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 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 Discription

**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 Discription

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

Offset 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



# Certificates and Compliances



CTN 1850689

**TANZANIA REVENUE AUTHORITY**

CERTIFICATE OF REGISTRATION  
FOR  
TAXPAYER IDENTIFICATION NUMBER (TIN)

ISSUED UNDER SECTION 21 OF THE TAX ADMINISTRATION ACT 2011

**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

NOTE: THE REQUIREMENTS UNDER WHICH THIS CERTIFICATE IS ISSUED ARE STATED OVERLEAF

**ELIJAH M. MWAJUMBE**  
COMMISSIONER FOR DOMESTIC REVENUE

ISO 9001:2008 CERTIFIED

**TANZANIA REVENUE AUTHORITY**

Certificate of Registration  
for  
Value Added Tax (VAT)

ISSUED UNDER SECTION 30 OF THE VALUE ADDED TAX ACT NO. 24 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: SAKINA-SUMA JKT UNSAVEY  
ARUSHA

WITH EFFECT FROM 22 December 2015  
GIVEN UNDER MY HAND

THIS 22nd DAY OF December 2015

**S. S. YUSUF**  
COMMISSIONER FOR VAT

**CONTRACTORS REGISTRATION BOARD**

**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 **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. 011926

*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 253 R.E. 2015] and the Workers  
Compensation Regulations, 2016, is hereby registered as Employer.

Given under my hand and seal of the Workers Compensation Fund  
this day, November 9, 2017,

**Masha J. Mshomba**  
Director General  
Workers Compensation Fund

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

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