

Project Developer
Millennium Engineers

Millennium Engineers is a local, women-led renewable energy start-up specialising in solar and wind technologies that was launched via the University of Dar es Salaam.



SOLAR SARDINE FISHING ON LAKE VICTORIA



Total Project Budget
EUR 500 000

EEP Africa Financing
EUR 350 000

Project Partners
Sagar Energy Solutions, Fishers Union Organization, Afrcan Women Energy Entrepreneurship Framework

Type
Demonstration project
Stand-alone

Project Code
TAN16543


Technology
Solar PV

Location
Tanzania

This project will improve the productivity of the low-income sardine fishing industry at Lake Victoria. Millennium Engineers will replace kerosene lamps for night fishing with solar-powered LED lamps and establish sardine drying facilities that use a combination of solar and wind power to significantly shorten the drying cycle. The project aims to distribute 400 solar lamps and establish efficient drying facilities on two island sites and on the mainland in Mwanza. In collaboration with partners, Millennium Engineers will conduct capacity building and skill training to integrate more women into the fishing value chain. EEP Africa financing will enable this start-up to develop its business model and attract commercial financing.



Outcome and Impact

The switch away from kerosene lamps will improve health and food security by reducing respiratory problems and fish contamination. At full sales the project is expected to reduce CO₂e emissions by 1,972 tonnes. Lower costs for fuel will increase margins and income for 1,000 fishers, stimulating economic development in their communities. The project will also create more income opportunities for local women.

EEP Africa is a financing facility for early-stage clean energy projects in Southern and East Africa. It is hosted and managed by the Nordic Development Fund (NDF) with funding from Austria, Finland and NDF.

STICHTING DOEN

VRIENDEN
LOTERIJ

NATIONALE
POSTCODE
LOTERIJ

BankGiro
Loterij

POSTBUS 75621 1070 AP AMSTERDAM NEDERLAND

BEETHOVENSTRAAT 200 1077 JZ AMSTERDAM NEDERLAND

T +31 (0)20 57 37 333

F +31 (0)20 57 37 370

E DOEN@DOEN.NL

W WWW.DOEN.NL

Millennium Engineer Enterprises Ltd

Attn Mrs/Ms D. M. Mbogo

Dar Es Salaam 257

DAR ES SALAAM 10412

UNITED REPUBLIC OF TANZANIA

| 19 | 10 | 2021

Subject: letter of approval

Project: 201272 Sardine Fishing Industry Value Chain

Geachte mevrouw Mbogo,

We are pleased to inform you that the DOEN Foundation is, in principle, prepared to grant a financial contribution for the project: Sardine Fishing Industry Value Chain. The contribution has been set at EUR 150.000,-.

Condition of the contract being that the budget is covered for at least 80%. This is inclusive of the DOEN contribution. In order to draft the contract we need to receive a scan of the following documents:

- a copy of the official registration document of the organisation;
- a copy of the original articles of association (or incorporation);
- a document proving who is duly authorised to sign the contract;
- a copy of your most recent bank statement including the BIC or SWIFT code to verify the account number;
- a copy of your most recent annual financial accounts.

If, within a maximum of six months upon the date of this confirmation letter and at least four weeks before the start of the project, the above conditions have not been realised, the preparedness to grant a financial contribution will have ended.

We would like to point out that you are obliged to request written permission from the DOEN Foundation before making any substantial changes in the technical and financial content of the project. Should you fail to do so this may have consequences for your funding.

The General Terms and Conditions of the DOEN Foundation will form part of the contract to be concluded with you. These can be found at www.doen.nl.

We wish you a great deal of success with the further implementation of Sardine Fishing Industry Value Chain and would like to be kept informed of the progress.

Kind regards,

A handwritten signature in blue ink, appearing to be 'C.P.M.E. Gribnau', written in a cursive style.

C.P.M.E. Gribnau
Executive Director

THE UNITED REPUBLIC OF TANZANIA
RURAL ENERGY AGENCY (REA)

Telephone: +255 26 2323504/6
Facsimile: +255 26 2323507
Email: info@rea.go.tz



PSSSF Building, 7th Floor,
Makole Road,
P. O. Box 2153
DODOMA.

Ref: No. BC 143/205/01/01

7th February 2022

Managing Director,
Millennium Engineers Enterprises Limited,
Plot No 13 Block D, Isamilo,
P.O. Box 1559,
MWANZA, TANZANIA.

**RE: REQUEST FOR FINANCIAL SUPPORT TO IMPLEMENT A BUSINESS
PROJECT TITLED "THE SARDINE FISHING INDUSTRY – LAKE
VICTORIA" IN MWANZA REGION**

Reference is made to the heading above and your letter dated 11th October 2021.

2. We are glad to inform you that, the Rural Energy Board on its 63rd Board Meeting that was held in 29th January 2022, approved a grant amounting to **TZS 532,816,000.00** to Millennium Engineers Enterprises Limited.
3. The approved grant from REA will be used to support Solar Fishing Lamps and Drying facilities.
4. The Agency is preparing the draft contract and once finalized, will be shared for comments.


Eng. Hassan S. Saidy
DIRECTOR GENERAL
HSS/AFM/mjk