

**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.



**Total Project Budget**  
EUR 500 000

**EEP Africa Financing**  
EUR 350 000

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

**Type**  
Demonstration project  
Stand-alone

**Project Code**  
TAN16543



**Technology**  
Solar PV

**Location**  
Tanzania



# SOLAR SARDINE FISHING ON LAKE VICTORIA

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 CO<sub>2</sub>e 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.