

Triennial Report

A final report is a document that shows what was done during the last three years (or the period since the start of your project if the project was started less than three years ago) and what lies ahead. It will be submitted to the BPW international board for the international congress.

This is a proposal template for an annual report. All chapters below – except for the general information – are a suggestion: if a title makes sense to you, use it otherwise delete it. If you need other chapters, please add them.

Use text, pictures, graphs as it best suits you (Note: pictures, graphs often explain more than many words). There is no restriction concerning the length of the report.

General Information

Project Name: Solar Water Pump
Project Leader(s): Karin Jeanneret
BPW Project Member(s): Karin Jeanneret Vezzini, BPW Biel-Bienne, Switzerland
Reported Period: 2019
Date: 11/05/2020

Short Overview

ennos is a spinoff of Berne University of Applied Sciences in Biel, Switzerland. ennos has designed the sunlight pump, a 0.5 HP surface solar water pump for smallholder farmers in Africa, Asia and Latin America. Thanks to the exceptionally high system efficiency, you can lift large amounts of water (22'000 liters per day) up to 40 meters high with a small solar panel array (100-500 Watt). The sunlight pump is completely automated and saves your time for other things!



Farmer in Honduras

Results

In 2019 ennos participated in the Global Leap Award and received the best results for solar water pumps. Growing markets in East and West Africa. Since 2020 ennos has a representation in Honduras for the market in Latin America. In addition to the 0.5HP, ennos has developed a 2HP solar water pump that can pump up to 200'000 litres per day. The pump will be launched at the beginning of 2021.



Farmer Zeka and Moshin Ghumra from EPS (Equipment and Parts Suppliers Ltd., Malawi)



Portrait Mr
Zeka_addPump.mp4

Goals for next period

In September 2019, Karin Jeanneret, CEO and Co-Owner of ennos and Past President of BPW Biel-Bienne, Switzerland, made a business trip to Ghana and Nigeria. In both countries, Karin was supported by local BPW ladies. Thanks to BPW Nigeria, Karin also met Anita Nana Okuribido who is the President of Women in Renewable Energy Association in Nigeria. Karin has donated a sunlight pump to Anita with the aim of pointing out in a project that female farmers can work more efficiently and more gently thanks to solar pumps.



Anita Nana Okuribido and Karin Jeanneret

Challenges / Opportunities

In the Corona times it is especially important to point out that it is very important that also people in rural and remote areas have access to water and therefore the possibility of hygiene. ennos is currently testing the sunlight pump with commercially available filter systems to be able to offer a solution for drinking water.



WhatsApp Video
2020-05-05 at 17.56.

(Video from EPS, Lilongwe, Malawi)



Water Kiosk in Uganda (water is pumped by the sunlight pump by ennos)