



About us

ennos Switzerland

ennos is a spin-off company of University of Applied Sciences in Biel (Switzerland)

We design surface solar water pumps, specifically for smallholder farmers needs

We are in the market since 2016 with distribution partners in > 25 countries

> 5700 sunlight pumps sold



Why ennos started to design surface solar water pumps



Demand for modern irrigation



Source Aptech Africa Uganda

Demand for reliable products



Demand for qualified service providers



Solution: the **sunlight pump, a high-efficiency surface solar water pump for various applications such as irrigation, fish farming or water supply for domestic use, schools and livestock**

Agriculture: the great economic potential for Africa



Sub-Saharan Africa has a quarter of the world's farmland but produces only about 10 percent of its agricultural output. Africa's full agricultural potential remains untapped. Africa's agriculture could produce 2-3 times more with investment in equipment!



Market entry with the sunlight pump
0.5HP model: 2016

Annual sales increase since 2018

Stimulating factors for purchasing Solar Water Pumps



Increased productivity



Money savings



Water savings



Reliability



Repairability



Sustainable and environmentally
friendly

Hindering factors



The initial investment is higher than the purchase of a conventional diesel pump. Financing models such as PAYG solutions are in demand.



Awareness of and access to modern technologies and their advantages.



New/unknown brand

Course for Solar powered water pumping systems



For students



For teachers



For technicians



For online audience

To keep a product long-lasting, technical knowledge must be available on site to support end users during installation, maintenance and repair. Training tools, such as an on-site and/or online course on solar water pumps in general, provide the relevant know-how.



Thank you

Questions?

