


**SolarWave**  
www.solarwave.se

**Solar powered  
water treatment**

## CORPORATE PHILOSOPHY

SolarWave believes that everyone should have access to safe and affordable drinking water and electricity. We improve the quality of life in the rural areas of developing countries by providing access to safe drinking water and electricity, which in turn improves the population's health, contributes to educational performance, reduces time lost through illness – time which can be spent on income generating activities. Our systems eliminate the need to boil the water which helps to reduce firewood consumption and hence – wood harvest rates. SolarWave enables sustainable local businesses, creating jobs and income opportunities. This is summed up in our corporate mission:

**To enable sustainable solutions for the supply of safe drinking water.**



Access to safe drinking water is fundamental in order to mitigate diseases, reduce poverty, and provide the basis for long-term sustainable development. At SolarWave, our vision is **to be a leading supplier of safe drinking water solutions in emergencies and developing countries.**

## WHAT WE OFFER

### Water purification systems

- Effectively eliminate bacteria, viruses and protozoa in line with WHO recommendations
- Reduce salinity to a level below the recommended standards for potable water
- Significantly reduce sediment, arsenic, fluoride, chlorine, nitrates, iron and heavy metals
- Powered by solar energy
- Scalable to suit customers' needs
- Easy to set up, use and maintain

SolarWave's unique line of water purification systems is a cost-effective way to combat polluted water in any location. Our systems are equipped with a proven UV light disinfection technology that effectively eliminates microorganisms in water. The water purified by SolarWave meets the standards for safe drinking water set by the World Health Organization.

SolarWave's water desalination systems are based on the reverse osmosis technology – a proven and reliable filtration method that removes unwanted large molecules and ions from the water. This process decreases water salinity to a level below the standards for potable water.



### Solar power systems

- Provide reliable and environmentally safe power
- Have a capacity suitable for homes and small businesses
- Include a scalable battery bank

SolarWave develops stand-alone solar power systems that produce electricity (230 VAC, 12 VDC, and 5 VDC USB) from solar cells.

The systems are available in different output capacities (100–1000 W) and can be used for charging mobile phones, flashlights, laptops and similar devices as well as for powering lamps, radios, and refrigerators.

### Water purification projects management

SolarWave, in partnership with companies and organizations, develops **Good Water** projects – projects providing safe drinking water to communities in the areas of greatest need.

- Sustainable community-owned solutions
- Employ proven, robust and chemical-free technologies, 100% solar powered
- Have low operation and maintenance costs

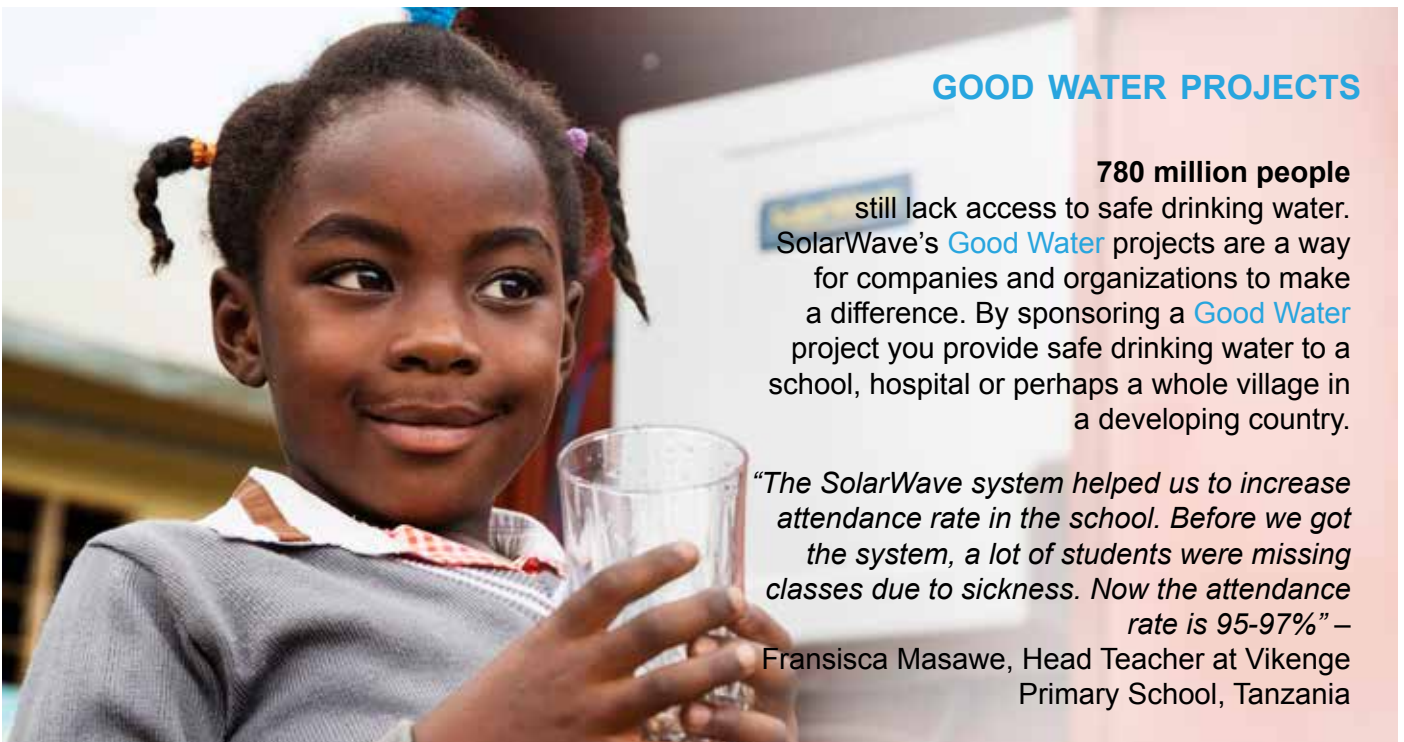
SolarWave manages awareness raising, installation, training, maintenance as well as follow-up and monitoring – throughout the lifespan of the project.

## GOOD WATER PROJECTS

**780 million people** still lack access to safe drinking water. SolarWave's **Good Water** projects are a way for companies and organizations to make a difference. By sponsoring a **Good Water** project you provide safe drinking water to a school, hospital or perhaps a whole village in a developing country.

*“The SolarWave system helped us to increase attendance rate in the school. Before we got the system, a lot of students were missing classes due to sickness. Now the attendance rate is 95-97%” –*

Fransisca Masawe, Head Teacher at Vikenge Primary School, Tanzania



# ABOUT SOLARWAVE

SolarWave is an international company providing reliable and competitive solar powered water disinfection and desalination systems. Combining cutting-edge solar and superior cleantech products, we create life supporting solutions for developing countries and emergency agencies. Founded in 2009, SolarWave has its headquarters in Sweden. We are constantly expanding our global presence and are currently operating in Tanzania, Uganda, and Nigeria.

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