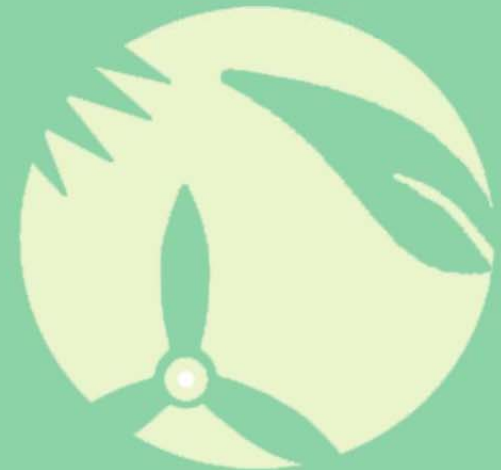


# Developing a cost-effective way for providing fresh water to people in developing countries



# The Problem...

- 1.1 billion people lack proper drinking water
  - 300 million in Africa
  - 600 million in South-East Asia
- 2 million deaths per annum occur from drinking unsanitary water
  - 95% are children under the age of five

# Our Proposed Solution...

A solar powered water desalination and disinfection device

- Ease of production and low cost, (estimated < 15 Euros)
- High purification turnover due to heat-efficiency
- Simple to use, portable and robust
- Environmentally friendly

# Current Timeline

## Done:

- A prototype has been created and tested

## Under process:

- Optimization of the purification rate
- Building the business plan

## To come:

- Laboratory testing
- Live testing in Africa or South-East Asia