



SOLVATTEN SOLAR SAFE WATER HEATER | KENYA

Families in Sub-Saharan Africa typically heat and boil their water by burning firewood and charcoal. Not only is this time consuming and expensive, it causes harmful indoor air pollution and releases greenhouse gas emissions. The high dependence on firewood and charcoal by a large percentage of the population is a major cause of deforestation in Kenya.

[Solvatten](#) is a dual water treatment and solar water heating system that is tackling climate change and improving lives in Kenya's urban slums. The device harnesses the power of the sun to treat and heat water, reducing the need to heat and boil water by burning firewood or charcoal. The units are capable of rendering highly contaminated water drinkable in a few hours, provided there is sufficient sunlight. Solvatten Solar Safe Water Heater improves health, increases renewable energy, reduces deforestation, addresses climate change and gives access to safe water, while lifting people out of poverty.

Key facts

- 2,592 Solvatten systems have been distributed and sold at a subsidized price in Kenya, benefitting 12,900 people in Nairobi's urban slums
- 22,000 tonnes of greenhouse gas emissions have been avoided in Nairobi's urban slums after four years of Solvatten use
- Almost 62 million litres of water have been treated since 2012
- More than 40,000 Solvatten systems are used daily by more than 200,000 people around the world

More information

Digital assets are available for download at: <http://bit.ly/1MExrNR>

Contact:

Solvatten

David Wadström | Head of Press and Communications |
david.wadstrom@solvatten.se | + 46 8 777 29 05

UN Climate Change secretariat

Sarah Marchildon | smarchildon@unfccc.int | +49 228 815 1065