

SUREST

sunlight revolving
energy solutions



www.sunlightcooking.com



Cooking with sunlight at any convenient place and time

Use of firewood is a big problem

Around 3 billion people use firewood and charcoal to cook on open fires and with simple cook stoves.

- Over 4 million people die prematurely because of exposure to inhouse air pollution caused by cooking with firewood.
- More than 50% of premature deaths among children under 5 are due to pneumonia caused by particulate matter inhaled from household air pollution.

(Key facts from WHO fact sheet 292)



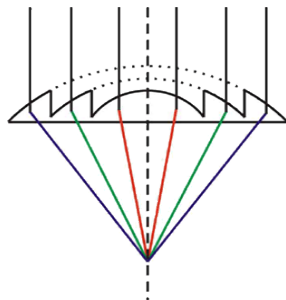
Transportation of charcoal to cities

SUREST has a solution

The sun can give us all the energy we need. This energy can be harvested by concentrating the radiation of the sun with a Fresnel lens and a sun tracker. SUREST has developed a robust and affordable sunlight cooker that collects heat during the day in a heat storage container. In the afternoon the container can be dismantled to be transported to a convenient place for cooking. Most people cook their dinner in the evening. 1 tank = 2 hours of cooking



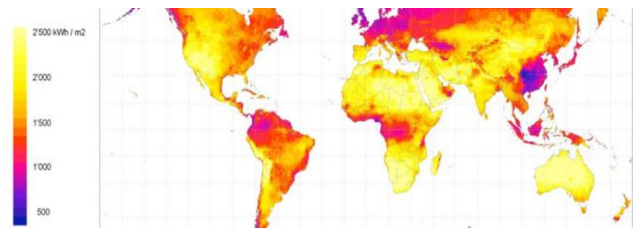
Sunlight cooker



Fresnel lens

Our business

SUREST puts an innovative and easy-to-use Sunlight cooker on the market to provide an affordable and sustainable cooking solution for poor and/or displaced people in developing countries. The majority of these people live in sunny regions which are very suitable for the sunlight cooker



The sunbelt regions are very suitable for SUREST

Stimulating local business

The market introduction of the SUREST Cooker will stimulate local business, by outsourcing the SUREST technology to local entrepreneurs. The end-users only pay an affordable amount of money for the use of heat stored in the tank. Poor people do not need to invest themselves.



refugee camps in the middle of nowhere

Many people live in refugee camps

Many refugee camps have problems to provide enough fuels for cooking. The camp surroundings suffer from tree cutting and deforestation.



Deforestation near refugee camps