

Solar for health stations: Corona emergency aid

In the partner countries of the Stiftung Solarenergie (Uganda, Kenya, Ethiopia) rural health stations for the local population are the basis for medical care.

These health stations are particularly important for the goal of slowing or preventing the spread of the corona virus:

- They are centres for informing the population about health and protection measures and a contact point for first aid
- They serve as initial contact points for assistance coordinated by the state and international aid organisations.

International aid is first deployed where there is a reliable infrastructure and personnel. Trained personnel, in turn, are sent first where there is an infrastructure for lighting, communication and cooling. Therefore our help is fundamental for all further assistance.



What does it take in the short term?

1. Ensuring that a health station can be reached and that communication is possible: on the one hand by state health services, on the other hand by people seeking help
 → Required: Possibility for reliable mobile phone charging.
2. Opening and treatment possibilities that are not bound to daylight, i.e. also between 5 p.m. in the evening and 7 a.m.
 → Required: solar light in treatment rooms and mobile lamps for outdoor use
3. Safe storage of medicines: for faster treatment of non-corona cases or for corona tests or - later - for corona vaccinations
 → Required: Solar cooling of medicines and vaccines.

Our solar package for health stations:

The sizes of the health stations vary. Based on our previous experience, we calculate with these average costs per health station:

- Solar lighting and mobile phone charging: 1.000 Euro
- Solar cooling: 2.500 Euro



Our experience

Since 2004, the Stiftung Solarenergie has equipped more than 150 health stations with solar systems for lighting and cooling. The World Resource Institute has written this report on a project in Kenya: [Download](#)

Our local partners:

Uganda: "Association of Sendea UG Ltd." is a non-profit cooperative in which local solar companies have joined together to promote the spread of solar energy, especially in off-grid regions.

The [five member companies](#) have experience in project implementation and, in addition to professional installation, ensure reliable maintenance and service.

Kenya: Solar Energy Foundation Kenya: The experienced sister foundation already realised several solar projects in Kenya, including electrification of rural health stations.

Ethiopia: Solar Energy Foundation Ethiopia: The Solar Energy Ethiopia Foundation has been our partner for over 10 years and is involved in all projects concerning education and health.

For this aid project, we will use locally available products, since importing them takes too long and is increasingly not guaranteed. However, our quality guidelines still apply, i.e. we only use products from tested and reliable manufacturers.

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