

Solar Suitcase Impact: Voi, Kenya

- 10 Solar Suitcases Installed
- More than 989 Students and Teachers impacted
- Over 9 classrooms and outside areas electrified
- STEM workshops attended by local teachers who will use Solar Suitcases for learning



The Solar Suitcases funded by partners and friends of We Share Solar have been successfully deployed and installed!

With Solar Suitcases to **illuminate classrooms and offices**, students will have **increased study hours**, aiding in their preparation for state examinations.

Teachers will benefit from **extended preparation time** and will be able to charge their mobile devices, reducing the need for long journeys to find power.

Solar Suitcases will serve as **educational tools**, allowing students to learn more about the benefits of solar energy

VOI, KENYA

Voi is located at the western edge of Taru Desert, south and west of Tsavo East National Park, with the Sagala Hills to the south. Save the Elephants identified schools that would benefit from additional lighting that helps with education but also reduces tensions between local people and elephants.

By installing lights outside buildings and near water towers elephants are less likely to stray close to human habitations helping students have safe night time trips to the outhouses among other benefits!

Find out more about Save the Elephants [here](#); you can watch a video about some of their human - elephant coexistence work [here](#)

Learn more about life and learning in Voi by watching [this video](#) about a student studying electrical engineering



THE INSTALLATION TEAM



WISEe - Women In Sustainable Energy and Entrepreneurship

The Solar Suitcases were installed by our Kenyan installation partner, WISEe. WISEe is a group of women engineers, technicians, trainers and entrepreneurs working in renewable energy in Kenya. They work to build the technical capacity of women to provide high quality Solar Photovoltaic (PV) systems in the East African region. They achieve this through technical training and mentoring, providing hands-on installation experience and fostering business spirit to transform women into successful entrepreneurs.



BRINGING LIGHT TO EDUCATION

SOLAR SUITCASES ARE DELIVERED

The Solar Suitcase equipment is delivered to the pre-selected school sites and community centers.



INSTALLATION

WSS installers safely secure the solar panels to the roofs. They fix the Solar Suitcases and lighting expansion systems on the walls.



END USER TRAINING

The recipient students and teachers are trained in the benefits of solar energy, as well as the use and maintenance of the Solar Suitcase equipment.



Installation Sites

School Sites for Installation

Schools had no or limited access to electricity, which impacted student learning and the times the students could study at the schools.

List of Schools

- George Sowa Primary School
- Gideon Mosi Primary School
- Kajire Primary School
- Mchanga Primary School



Photo Gallery



Photo Gallery

