

Solar Cooking In Morocco

2017

Marrakech, Morocco is an ideal location to harness the sun for energy. Morocco is a leading advocate for using solar energy in Africa. Long term plans include exporting electricity to other countries harvested from the sun.

Cooking with the sun is a natural addition to the solar panels on roofs of the rural homes. Solar Clutch partnered with a family owned farm outside of Marrakech to introduce solar cooking. We cooked fava beans from the local harvest field and the Moroccan flat bread. The neighbors came by excited to check out this new technology. Propane gas is readily available to the rural farmers and is subsidized in price. This along with cultural adaptation will all be factors that will affect the uptake of solar cooking.

We plan to do a follow up trip in the future to develop a locally made Moroccan solar oven. Using materials found the market and local stores will provide the opportunity for the average person to have his or her own oven. The cost factor verses the durability and quality of the oven is always a tricky thing to balance. Box ovens are generally the best for longevity but we might end up utilizing our designs from Mauritania.

