



Solar Household Energy

Solar cooking for Human Development and Environmental Relief

March 2017 Newsletter

ADES to test out 100 Haines Solar Cookers in Chad

Background: In 2012, Solar Household Energy partnered with UNHCR and its then local implementing agency, Africare, to launch a pilot project introducing 50 HotPot solar cookers in Gaga refugee camp. Based upon the pilot project's success, Africare then upscaled by 200 more HotPots. SHE's consultant Patrick Fourrier returned to Gaga camp in March 2016 to measure the HotPots' long-term impact, test out the new "Haines" Solar Cooker in situ, and assess project expansion feasibility. The Haines Solar cooker is similar to the HotPot in that it is a durable panel slow solar cooker, but its lower price range could lead to faster project expansion. However, it was concluded that more field testing and training would be needed to ensure high potential adoption levels by local refugee women.



In sunny, arid Chad, 300,000 refugees, mostly from Sudan, compete with locals for scarce firewood for cooking. UNHCR stopped distributing firewood in 2015.



Solar Household Energy introduced HotPot solar cookers in Gaga refugee camp in Chad to alleviate the burdens of dirty cookstoves on people and the environment.

Donate to Solar Household Energy!



What your contribution can provide:

\$25 = Two days' worth of solar cooking instruction by a refugee camp resident, and the means to effect change within their community.

\$50 = Delivery of two Hot-Pot solar ovens to families in Africa, and a smoke free environment.

\$150 = A solar oven and training for a family, and a means to self-sustainability.

\$500 = A month's salary for a refugee camp resident solar cooking project manager, and enhanced capacity and livelihood.

\$2,500 = Start up solar cooking project pack for 10 families and improved life chances.

Find out more about our SolSource project in Tilor, Haiti and other projects in our next newsletter!

*To volunteer and for more information, please send inquiries to:
inquiries@she-inc.org*

In December 2016, SHE shipped, at the request of ADES (Agence de Développement Economique et Social), a Chad-based international NGO, 100 Haines solar cookers to N'Djamena. ADES selected the Haines cookers after consultation with SHE's consultant Patrick Fourrier. He had tested the Haines at the camp, confirmed its high thermal performance slightly superior to the HotPot, and recommended its use given the low price and high potential to be produced locally.

ADES purchased the solar cookers at the suggestion of Chad's UNHCR staff, fielding its own resources. UNHCR had stopped distributing firewood to refugees at the end of 2015, due to financial constraints, increasing the need for a cheap and ubiquitous fuel. Haines' cookers' low cost allowed ADES to purchase thrice the number of Haines cookers over HotPots. ADES also benefited from two free Haines prototypes for testing purposes, and agreed to submit an assessment of both Haines models once they were deployed and data collected. SHE is awaiting this assessment, the usage data and evaluation results.



The Haines solar cooker is an affordable yet durable solar cooker that holds promise for Chad refugee camps. It is currently being tested in Chad.

[Read more](#) about our projects in Gaga refugee camp, Chad.

Solar Household Energy is a 501(c)3 non-profit. Please like us on Facebook, join our Washington, DC area solar cooking meetup group, follow us on Twitter @SolarHouseholdEnergy, and check out our website: www.solarhouseholdenergy.org

