



The Light Foundation

# Light and Energy Poverty:

Improving quality of life for refugees

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- US based foundation with offices in NY, Melbourne and Geneva
- Partners with UNHCR and other NGOs to combat Energy Poverty and use of Kerosene
- Improving quality of life through light

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# Problem with Kerosene

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- Kerosene is the leading cause of indoor pollution killing more people annually than HIV/AIDS and malaria combined
- Kerosene poisoning primarily affects women and children
- Kerosene accounts for 80% of burns in the developing world

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# Lighting in the Camps – Current problems



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- The Light Foundation has just completed two pilot programs (Ethiopia and Chad)
- We found that the lack of clean efficient lighting within the camps affects:
  - safety and security of refugees
  - ability for children to home study at night
  - reduced health benefits due to respiratory illness and poor lighting of medical centres

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# Lighting in the Camps - Pilot Process



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- Methodology of site visit, training/education, installation, 30 day trial and post pilot survey
- Pilot conducted in Ethiopia (Shedder and Aw-Barre camps near Jijiga ) and Chad (Iridimi and Amnabak camps near Iriba)

- 114 participants were provided

lighting in

homes

- Camp lighting provided to four medical centres, two police stations and eight

schools

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# Lighting in the Camps - Innovation

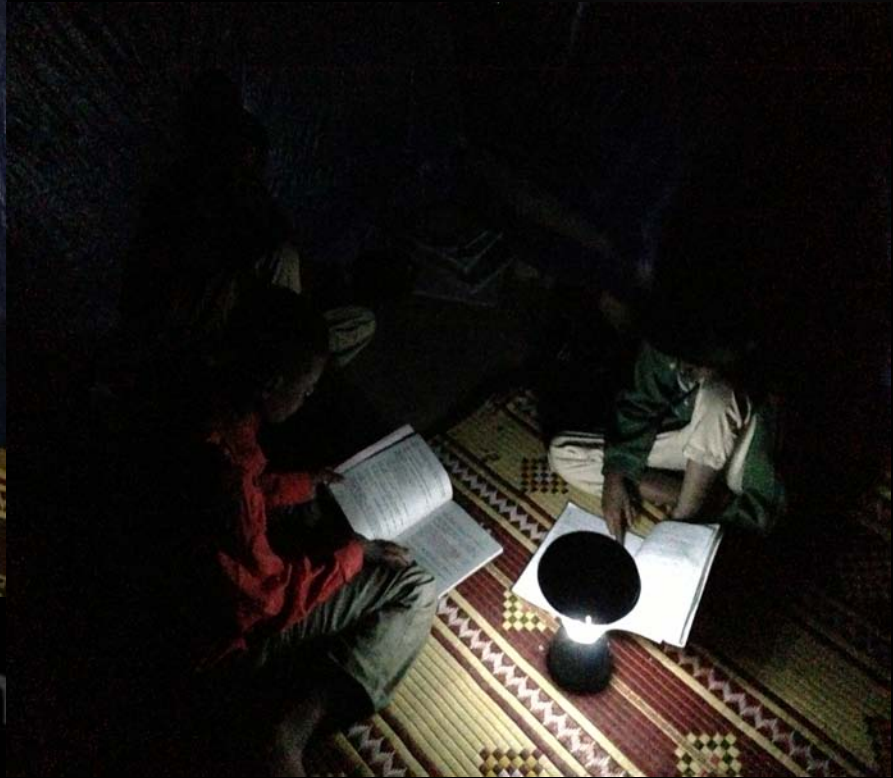
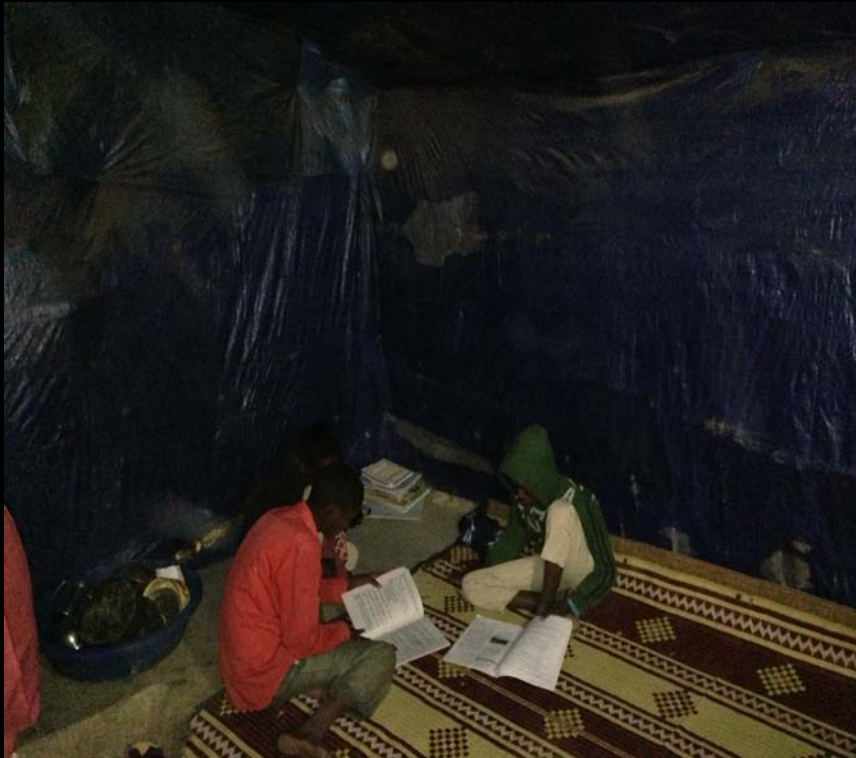


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- The Light Foundation chose the BrightBeam range of off-grid solar lighting by Doble a social enterprise based in Australia
- The BrightBeam range of lighting solutions was designed for beneficiaries living in the camps. It is designed as a structural lighting featuring
  - long lasting steel frame construction
  - superior light position & distribution
  - rechargeable from inside the home, securely



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# Lighting in the Camps - Benefits



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Clean efficient affordable lighting improves quality of life through

- improved camp safety
- improved security for families and children at night
- improved healthcare delivery
- improved education outcomes
- increased income generation
- enabling multiple phone charging