



# Action for Climate Change for Bangladesh By Green Housing & Energy Ltd

Established  
In 2010

Number of Solar Lantern	12000
Quantity of Carbon we have reduced per year	65700 Tones

## Solar Lantern Project

The GH&E Solar lantern is a complete LED based solar lantern system. the lantern is charged by through a rechargeable battery connected to the power generating PV panel. The lantern itself is portable and designed for both indoor and outdoor use. the GH&E Solar lantern system includes a phone charger and has a duty cycle of minimum 5 hours per day.

GH&E guarantees high quality of its Lanterns with competitive warranties for all components. maintains are provided free of charge by trained local GH&E technicians for 3-5 years depending on the component. Solar panels have a life of 20 years and are very durable and easily maintained. GH&E offer a 20 year warranty for the solar panel.

### BENEFITS OF SOLAR ENERGY

1. Long term health benefits of clean energy supply
2. A cheaper long term source of electricity
3. Increased number of hours for working and studying
4. Increased productivity, income and education levels of the population in rural areas
5. Decreased national dependency on fossil fuels and decreased levels of Carbon Emission.

By using solar energy for electricity production households can experience long term health and cost benefits of using a green and renewable source of energy instead of fossil fuels. local production of energy reduces the dependencies on the unreliable or in remote areas unavailable national power grid.



**Address**

Green Housing and Energy Ltd.  
House No: 16 (1<sup>st</sup> floor)  
Road No: 7, Merul Badda- DIT Project  
Dhaka-1212  
Bangladesh

**Founder & CEO**

Dr. Mostaq Ahmmed  
Phone: +880-255053512  
Email: [dr\\_mostaq.md@ghel.org](mailto:dr_mostaq.md@ghel.org)  
Web: <http://www.ghel.org>