

GLOBAL OFF-GRID SOLAR MARKET: PROGRAM RESULTS AS OF JUNE 2017

Overall Impact	
>131 ¹ million	People have benefited from using Lighting Global quality verified solar lighting products
>39.5 ² million	People currently have their basic lighting needs met by Lighting Global quality verified solar lighting products
>8.5 ³ million	People in the last 6 months have had their basic lighting needs met by Lighting Global quality verified solar lighting products
>26 million	Lighting Global quality verified solar lighting products have been sold since 2008
>1.75 million	Tons of GHGs avoided annually; CO ₂ -equivalent of taking 375,000 cars off the road for one year, as a result of replacing kerosene use with Lighting Global quality verified solar lighting products
>75	Countries in Africa, Asia, Latin America, Middle East and North Africa, the Caribbean, and the Pacific are where you can find quality verified products for sale
Quality Standards	
121	Quality verified Pico-PV products and SHS kits currently meet the Lighting Global Quality Standards
57	Manufacturers have products that currently meet the Lighting Global Quality Standards
Policy	
The International Electrotechnical Commission (IEC) adopted Lighting Global's quality standards as a reference point for quality assurance of off-grid lighting products {IEC Technical Specification 62257-9-5}	
The United Nations Framework Convention on Climate Change (UNFCCC) required that solar lighting products have to meet the IEC Technical Specification 62257-9-5 in order to qualify for carbon financing (CDM).	
20 national governments (Asia: Bangladesh, Cambodia, Nepal / Africa: Ethiopia, Kenya, Tanzania, plus the ECOWAS group of countries – Benin, Burkina Faso, Cape Verde, Côte d'Ivoire, Gambia, Guinea, Guinea Bissau, Liberia, Mali, Niger, Nigeria, Senegal, Sierra Leone and Togo) adopted favorable policies to benefit quality verified off-grid lighting products that have passed IEC Technical Specification 62257-9-5	

Note: Lighting Global has contributed towards these results through its quality assurance activities and through the market development activities of country programs under the Lighting Africa, Lighting Asia and Lighting Pacific regional programs. These programs are implemented in collaboration with various intermediaries across the supply chain, development partners and financial institutions—most importantly, in conjunction with manufacturers of solar lighting products and their distribution partners in Africa, Asia and the Pacific.

¹ Cumulative number of people in homes that have bought a quality verified solar lighting product (number of products sold multiplied by 5 people per household).

² Number of people using quality verified solar lighting products to reach “Tier 1” (or better) level of energy access, as defined under the United Nations Sustainable Energy For All (SE4All) reporting framework.

³ Change in the total number of people calculated to be using a quality verified product to reach “Tier 1” of energy access, as defined under the United Nations Sustainable Energy For All (SE4All) reporting framework for measuring progress towards achieving universal energy access by 2030.