

# SUPPORTING A GROWING MARKET



**LIGHTING GLOBAL QUALITY ASSURANCE** supports viable commercial markets for off-grid products and services. Since 2009, nearly 33 million quality-verified products have been sold. Our standards ensure confidence in a life-enhancing new generation of off-grid solar products, inspiring innovation & protecting buyers. Our program works to catalyze market productivity and mitigate risk for actors and institutions throughout the ecosystem.

Lighting Global Quality Assurance now operates within a growing community of related programs—including GOGLA, the UK Department for International Development, the Energising Development (EnDev) partnership, bilateral institutions including GIZ and SIDA, and the newly formed Efficiency for Access coalition, of which Lighting Global is a founding supporter.

## OUR IMPACTS

As of June 2018, quality-assured products have:

- **BENEFITTED** more than 164.9 million people worldwide
- **OFFSET** 3.3 million tons of GHGs annually, the CO<sub>2</sub> equivalent of taking 640,000 cars off the road for one year
- **ENABLED** more than 44.58 million people to meet basic lighting needs today

## WHAT WE DO

Lighting Global Quality Assurance serves three main functions: maintaining the technical foundations for quality assurance, administering a product certification program, and providing policy support to governments.



**TECHNICAL FOUNDATIONS** We develop and manage the test methods and quality standards that serve as a universal benchmark for quality and performance against which off-grid products may be

uniformly assessed. Our test methods, contained in International Electrotechnical Commission (IEC) technical specification 62257-9-5, in concert with the Lighting Global Quality Standards, are the de facto global standards for pico-solar products and solar home systems kits. We also train laboratory personnel and maintain a global network of accredited test labs where product suppliers, buyers, and third parties can obtain an accurate evaluation of these products.



**PRODUCT CERTIFICATION** We offer manufacturers expert, unparalleled quality-verification services, product performance benchmarking, and guidance on how to improve their products. We also maintain a public-facing list of quality-verified products to give greater exposure to these products. Market surveillance of Quality Verified products further engenders trust in our program. Together, these bundled services help the sector increase the number of healthy companies operating in the market, and expand the quantity and variety of high-quality products available to customers.



**POLICY SUPPORT** We provide technical assistance to national governments and other large institutions with a commitment to quality. We encourage the adoption and use of standards that are aligned with the Lighting Global Quality Standards in their programs, whether voluntary or mandatory. Harmonized standards foster more rapid diffusion of innovative new products, minimize design and compliance costs for manufacturers, and ultimately benefit consumers.

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