

# Empowering Lives Energizing Markets



## what is Lighting Africa?

Lighting Africa is a joint IFC-World Bank program working to make high-quality off-grid solar lighting and energy products more accessible to the hundreds of millions of people in sub-Saharan Africa who are not connected to grid electricity. We've already enabled 23.3 million people to meet their basic electricity needs through quality-verified off-grid solar products, and aim to reach 250 million by 2030.

## how do we work?

We support the development of sustainable markets that deliver off-grid energy access solutions through a range of activities along the supply chain:

- **We conduct and share market research** to help businesses see the extensive opportunities presented by the off-grid market, and to help them make informed decisions
- **We developed a quality assurance framework**, now maintained through our affiliated program, Lighting Global, so consumers can buy with confidence. Our Standards currently apply to solar products up to 350W, with plans to expand to larger systems soon
- **We improve cash flow** to businesses and individual consumers by easing access to finance
- **We educate consumers** on the benefits of solar energy over unsafe, polluting alternatives like kerosene through print materials, radio and TV spots, and road shows
- **We advise businesses** on best practices and support innovative approaches to expand off-grid energy access
- **We cooperate with national governments** to achieve their energy provision goals and to ensure their policies and regulations help grow the off-grid market

## where do we work?

Lighting Africa is active in 12 countries in sub-Saharan Africa and is working in an additional 13 countries in West Africa through a regional program.



Countries with Lighting Africa program activities:

- › Benin
- › Burkina Faso
- › Cabo Verde
- › Cameroon
- › Central African Republic
- › Chad
- › Côte d'Ivoire
- › Democratic Republic of Congo
- › Ethiopia
- › the Gambia
- › Ghana
- › Guinea
- › Guinea-Bissau
- › Kenya
- › Liberia
- › Mali
- › Mauritania
- › Niger
- › Nigeria
- › Rwanda
- › Senegal
- › Sierra Leone
- › Tanzania
- › Togo
- › Uganda

# Benefits of Off-Grid Solar Energy



## who we impact

Close to **600 million people** in sub-Saharan Africa aren't connected to the electric grid. The vast majority currently turn to kerosene lamps, candles, or flashlights for lighting. Off-grid solar energy products offer a better solution.

Kerosene Candles Torches	vs. Off-Grid Solar Products
<p>Low Quality Lighting</p>	<p>Expanded Energy Services</p>
<p>Health Risks</p>	<p>Improved Health and Health Services</p>
<p>High Fuel Cost</p>	<p>Increased Savings</p>

### Additional Benefits



Reduced GHG Emissions



Expanded Economic Opportunities



Increased Sense of Security at Night