

# Off-Grid

## Lighting Policy Framework

Assisting developing and emerging countries design sustainable enabling policy framework for off-grid lighting



### Off-Grid Lighting Action

In 2010, the en.lighten Off-Grid Lighting Taskforce comprised of leading international experts identified the need to improve the available information on the potential benefits and successful policy frameworks for energy efficient off-grid lighting technologies when it was established. Last year, a similar demand was identified by West African countries who expressed an interest in developing a coherent strategy for off-grid lighting in the framework of the ECOWAS Energy Efficiency policy development.

### The en.lighten initiative

The United Nations Environment Programme (UNEP)-Global Environment Facility (GEF) en.lighten initiative was established to accelerate the global market transformation to environmentally sustainable lighting technologies by developing a coordinated global strategy and providing technical support for the phase-out of inefficient lighting.

The en.lighten initiative supports national regulators and regional bodies in the development of policies, strategies and actions for the phase-out of inefficient lighting products. To date, 65 developing and emerging countries have joined the Global Efficient Lighting Partnership Programme, and 48 of these countries are in the process of completing national or regional efficient lighting strategies.

### The Integrated Policy Approach

Emphasis is placed on an integrated approach for designing policy measures so that a transition can be sustained by the domestic market without continued external support or resources. This approach includes: minimum energy performance standards (MEPs) to ensure the efficiency and quality of products; supporting policies and mechanisms to help restrict the supply of inefficient lighting and promote the demand for compliant products; monitoring, verification and enforcement (MVE) which discourages the distribution of poor quality products; and, the environmentally sound management such as comprehensive disposal and recycling programmes.





## Off-Grid Lighting Resources

- **Off-Grid Country Lighting Assessments:** estimate the savings potentials for the off-grid lighting market for 100 countries that have a high number of off-grid end users Economic, Financial and to the Environment
- **NAMA Guidebook:** Guidebook for the Development of a Nationally Appropriate Mitigation Action (NAMA) on Efficient Lighting
- **Off-Grid Lighting Policy Guide:** communicates the benefits and policy options for the adoption of innovative, energy efficient off-grid lighting products
- **en.lightened learning:** online support centre that provides resources for countries including technical assistance, forecasting tools, publications, guidance documents and webinars
- **Regional Report on Efficient Lighting:** examines and assesses the energy sector and efficient lighting initiatives in Sub-Saharan African countries
- **ECOWAS Regional Efficient Lighting Strategy:** establishes a regionally coordinated framework to transition to energy efficient on- and off-grid lighting in countries of West Africa. It includes the first harmonized off-grid lighting mandatory standards and quality assurance framework
- **ECOWAS Regional Status report:** provides an overview of the lighting sector and the policy framework in place to support the market transition
- **Light for Life - Identifying and Reducing the Health and Safety Impacts of Fuel-Based Lighting:** provides a synthesis of the existing literature addressing the broad range of health and safety impacts of fuel-based lighting.
- **Light and Livelihood - A Bright Outlook for Employment in the Transition from Fuel-Based Lighting to Electrical Alternatives:** The study brings data and evidence on new job creation as well as possible loss of employment in the off-grid lighting industry.
- **Lifting the Darkness on the Price of Light - Assessing the Effect of Subsidies for Fuels in the Off-Grid Lighting Market:** the study is a literature review and analysis of the issue of fuel subsidies in the off-grid lighting market in west Africa

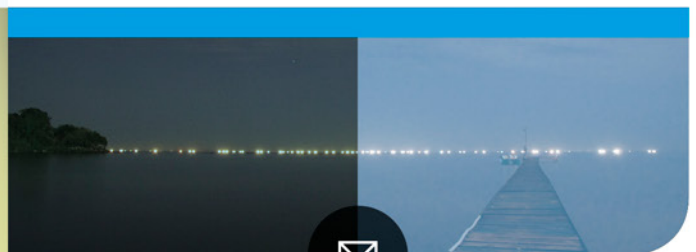


## Outcomes

To promote the acceleration and penetration of efficient off-grid lighting products in Africa, the en.lighten initiative promotes investment and policy support in West Africa, by bringing together governments, the private sector, donors and development agencies.



**en.lighten and its international partners are ready to support other regions and countries as they develop enabling policy frameworks for off-grid lighting**



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