



Proposed Country Support Activities on Efficient Lighting Monitoring, Verification and Enforcement

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Project

- *Securing the climate change benefits of efficient lighting in South-East Asia and Pacific economies via monitoring, verification and enforcement capacity building activities*
- Supported by the Australian Department of Industry
- Executed by the UNEP en.lighten initiative
- All activities to be implemented by June 2015

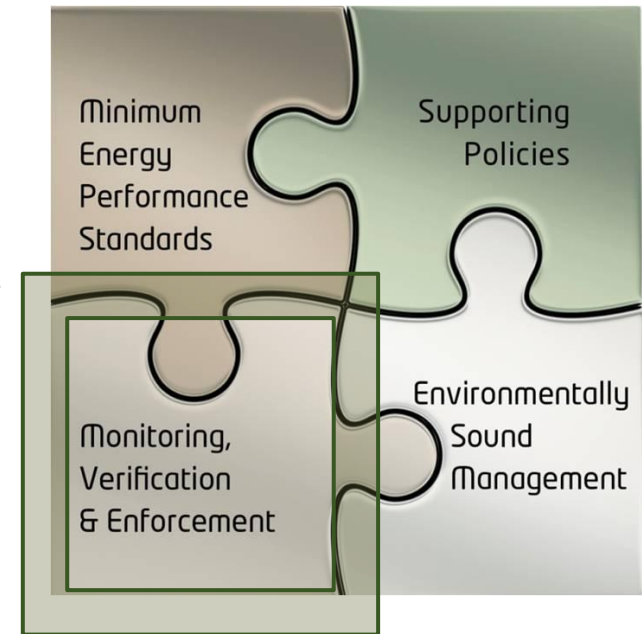
Goals

- Reduce greenhouse gas (GHG) emissions related to lighting in South-east Asian and Pacific countries
- Increase UNEP en.lighten initiative outreach to support countries' rapid transition to energy-efficient lighting
- Support the rapid transition to high efficiency lighting and to phase out the use of inefficient incandescent lamps



Scope

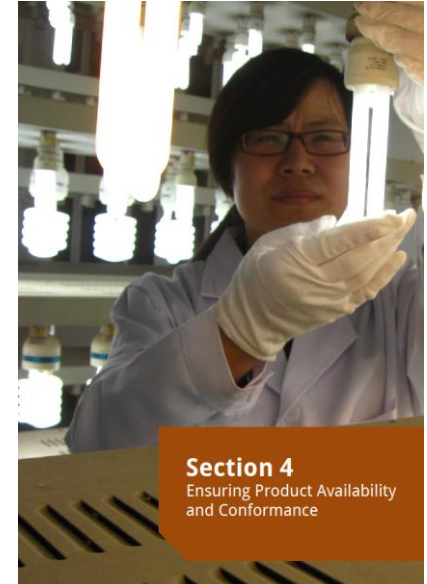
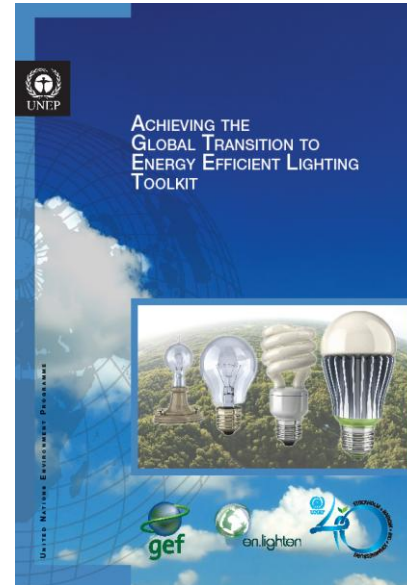
- Focuses on one of the four elements in the en.lighten initiative's integrated policy approach:
 - Minimum energy performance standards
 - Supporting policies
 - Environmentally sound management
 - **Monitoring, verification and enforcement**



- Dedicates its resources to: Association of Southeast Asian Nations (ASEAN) and Secretariat of the Pacific Community (SPC)

Content

- Content will be based on the principles and resources in,
 - > *Achieving the Global Transition to Energy Efficient Lighting Toolkit*
 - > Section 4: “Ensuring Product Availability and Conformance”



- New resources will be developed to address the needs and market situation in target countries.

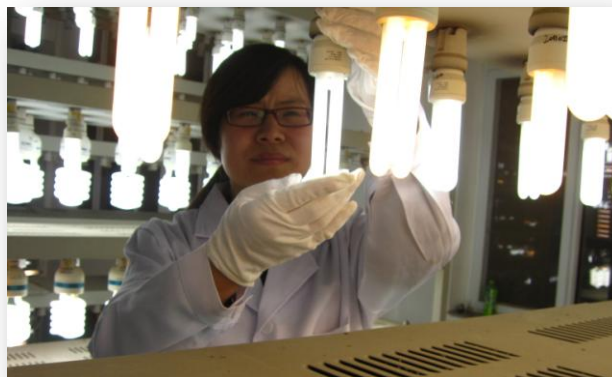
Testing Laboratory Capacity Building

- Assessment of existing MVE policies, infrastructure and capacity at national level
- Consultation with countries on specific needs
- In-person and online training by regional experts for laboratory staff and policy makers
- Cooperation with the Global Efficient Lighting Center (GELC) in Beijing, China



Technical Tools

- Benchmark testing of lamps (~100 models)



- “Best practice” templates and guides to improve the quality, delivery and volume capacity of testing laboratories
- Regional information, knowledge and data sharing platform
- Four guidebooks and associated webinars

Market Baselines Assessment

- Training of in-country experts to conduct baseline research on availability and demand of efficient lighting products
- Market research and surveillance exercise
- Publication of compiled results



Policy Support

- Assessment of existing energy efficiency and MVE programmes and policies for efficient lighting in countries
- Estimate of GHG emissions, energy and financial benefits of a strengthened MVE system
- Engagement of national stakeholders and support to identification of national MVE priorities and plans
- Training for policy-makers to understand, monitor and enforce lighting energy efficiency requirements
- Support to develop a Regional Efficient Lighting Strategy within Pacific Island countries

Funding Proposals

- Exploration of national and regional funding opportunities, including GEF grants
- Assistance to intergovernmental organizations and countries to draft proposals
- Resources and assistance to support the development of efficient lighting Nationally Appropriate Mitigation Actions (NAMA)





THANK YOU

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