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## **UNEP Launches the Guidebook for the Development of a Nationally Appropriate Mitigation Action (NAMA) Strategy on Efficient Lighting**

***Publication is the first of its kind for efficient lighting NAMAs***

**Warsaw, Poland, 14 November 2013** –A new guide that shows countries how to turn country-wide efficient lighting programmes into key tools to combat climate change has been launched at the international climate negotiations in Warsaw.

The *Guidebook for the Development of a Nationally Appropriate Mitigation Strategy on Efficient Lighting*, released at the United Nations Climate Change Conference (COP19) in Warsaw, by the United Nations Environment Programme (UNEP), emphasizes the role of energy efficient lighting and its investment potential for rapidly reducing carbon emissions and delivering economic and environmental benefits through Nationally Appropriate Mitigation Actions (NAMAs).

The *Guidebook*, the first of its kind for efficient-lighting NAMAs, lays out the entire process from developing a basic checklist to forming a national efficient lighting strategy. It also addresses other critical elements required to establish a successful efficient lighting NAMA by providing the most up-to-date information and case studies related specifically to energy-efficient lighting.

The *Guidebook* was developed by the UNEP/Global Environment Facility (GEF) en.lighten initiative in cooperation with the UNEP Finance Initiative, the UNEP-Risoe Centre and Ecofys Consulting.

Although the concept of a NAMA is relatively new, many of the efficient lighting activities that can be supported through NAMAs are well-established. NAMAs may be developed from existing policy initiatives, guidelines and programmes, which ensures that they are not stand-alone actions, but are integrated into existing plans and in line with national sustainable development priorities.

The *Guidebook* provides specifics on how to develop a NAMA from a national efficient lighting strategy, using the en.lighten *Energy Efficient Lighting Toolkit* and other tools, such as models and forecasts, to provide evidence for consideration by key stakeholders and potential funders.

It also introduces one of the most important elements of a NAMA: the measuring, reporting and verifying of impacts, including emissions reductions and co-benefits. Current practices in designing and implementing NAMAs show that accurate interpretation of measuring, reporting and verifying systems for NAMAs are crucial. The guide also explains current sources of financing for NAMAs, and ways that efficient lighting NAMAs could be financed, which is critical for developing countries.

The UNEP/GEF en.lighten initiative was established in 2009 and aims to accelerate the global market transformation to environmentally sustainable lighting technologies by providing a coordinated global strategy and technical support for the transition to energy efficient lighting. A global target of 2016 has been set for the global phase-out of inefficient incandescent lamps.

Electricity for lighting currently accounts for about 15 per cent of global power consumption and 5 per cent of worldwide CO2 emissions annually. Current trends indicate that the global power demands for lighting will be 60 to 70 per cent higher by 2030 without a switch to efficient lighting. UNEP estimates that replacing all on-grid inefficient lighting globally will result in annual savings of: US\$ 112 billion in electricity bills annually and 500 million tonnes of CO2 reductions.

In addition to the billions of dollars in electricity costs saved, the global transition to energy-efficient lighting would boost economies and create green jobs in lighting and lighting-related industries. Improved access to electricity for millions of people would also lead to increased productivity, income and quality of life improvements.

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### **About UNEP**

The United Nations Environment Programme (UNEP) is the voice for the environment in the UN system. Established in 1972, UNEP's mission is to provide leadership and encourage partnership in caring for the environment by inspiring, informing, and enabling nations and peoples to improve their quality of life without compromising that of future generations. UNEP is an advocate, educator, catalyst and facilitator promoting the wise use of the planet's natural assets for sustainable development. It works with many partners, UN entities, international organizations, national governments, non-

governmental organizations, business, industry, the media and civil society. UNEP's work involves providing support for: environmental assessment and reporting; legal and institutional strengthening and environmental policy development; sustainable use and management of natural resources; integration of economic development and environmental protection; and promoting public participation in environmental management.