



PIESLAMP Update

Melanie Slade

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PILESLAMP – the project

- PILESLAMP = *Phasing-out of Incandescent Lamps and Energy Saving Lamp Promotion Project*
- Collaboration between GEF, UNDP and Chinese Government
- GEF contribution of \$14 million to a total project cost of over \$70 million
- Ambitious goal:
 - Create the institutional, regulatory, economic and social framework to enable phase-out of inefficient lighting in China and the promotion of efficient alternatives

Summary of Activities: Current Status

- Industrial Restructuring
 - Support for pilot conversions of manufacturers of incandescent lamps to efficient alternatives (in parallel with similar government supported activities):
 - Reduction in the production of 100m's of incandescent lamps
 - Business planning and technical support to others
- Regulatory development:
 - Standards imminent to restrict:
 - Sale of inefficient lamps
 - Revision to CFL and Fluorescent efficiency and performance requirements
 - Maximum mercury content

Summary of Activities: Current Status

- Promotion of Efficient Lighting:
 - Opening channels to rural areas:
 - Supporting multi-million dollar government/private sector donation and subsidy programme
 - Stimulating new distribution channels
 - Supporting development of provincial/local government and other promotional activities
 - Expanding demand in urban areas

Summary of Activities: Current Status

- Institutional Development
 - Policy development related to:
 - Social costs
 - Economic impact

Contacts

- Website

- www.eelighting.cn/english/index.html

- Emails

- Lv Fang (lv_beijing@sina.com)

- Stuart Jeffcott (stuart@jeffcott.co.uk)

Lighting Africa: 5 Bright Years!

- Lighting Africa began in 2006 with a Global Environment Facility (GEF) grant of 5.4M USD.
- International Finance Corporation (IFC)/World Bank Group (WBG) administers this program.
- The focus is on building sustainable markets to provide safe, affordable & modern off-grid lighting.
- The program aims to reach 2.5 million people in Africa by 2012 and 250 million people by 2030.

Diverse Support for Lighting Africa

Lighting Africa donor partners presently include:

- ❑ The Africa Renewable Energy and Access Grants Program (AFREA)
- ❑ Asia Sustainable & Alternative Energy Program
- ❑ The Energy Sector Management Assistance Program
- ❑ Global Environment Facility
- ❑ Good Energies, Inc.
- ❑ Italy
- ❑ Luxembourg
- ❑ Netherlands
- ❑ Norway
- ❑ The Public-Private Infrastructure Advisory Facility
- ❑ The Renewable Energy and Energy Efficiency Partnership
- ❑ The United States of America

Lighting Africa's Opportunity

- 589 million people in Africa live without access to a public electricity facility.
- In 2009, 35% of Africa's population had grid access, but a third of these people experience frequent blackouts.
- Off-grid households spend \$4.4 billion per year on kerosene (or 54 % of their spend on lighting).
- African poor rural households and small businesses currently spend \$10 billion on lighting annually (est. \$12 billion by 2015).

Source: *Solar Lighting for the Base of the Pyramid – Overview of an Emerging Market*, a Lighting Africa publication.

Lighting Africa Resources

- International conferences & trade fairs.
- Services to promote innovation and partnerships.
- Specifications and test methods for products.
- Market-based field studies that describe users' lighting needs and how lighting is presently provided in their communities.
- Website, tech briefings and list of products that meet performance requirements.
- Formation of “Global Off-Grid Lighting Stakeholders Association.”
- Increased awareness of off-grid lighting needs, and the opportunity for carbon emission reductions.