

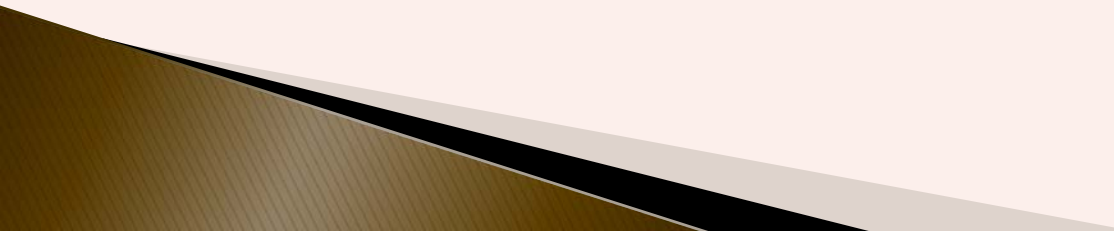
Workshop of Energy Efficient Lighting

April 28, 2009

Role and Responsibilities of the Regional
Center for Energy Efficient Lighting

Upali Daranagama

Potential Activities

- ▶ *Training and Education*
 - ▶ *Library and Information Center*
 - ▶ *Products testing and certification*
 - ▶ *Research and Demonstrations*
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Training and Education

The Center will

Offer educational services to residential, commercial and industrial customers.

Work with the Universities to offer undergraduate and post-graduate programs to further educate those talented in the field.

organize conferences in the region to discuss the latest developments in lighting technologies and application designs

facilitate short-term and long-term training programs with the US based knowledge partner,

Library and Information Center

a world-class library with books, periodicals,
and research papers on efficient lighting
technologies modeled

serve as an information hub

function on a web-interactive basis with similar
lighting technology centers, libraries, training
and educational institutions and programs
world over.

Research and Demonstrations

The Center will

facilitate research funding and conduct research in partnership with lighting manufacturers, electric utilities, universities and the design/engineering professionals.

Products testing and certification

- ▶ RCEEL will promote establishing standards with Standards Institutions and help to strengthen the laboratory facilities in the region with equipment and expertise necessary to test lighting products.

Promote regional manufacturing of state-of-the art lighting products

As RCEEL grows and develops, it will spur the development of local manufacturing of advanced lighting products. This is particularly possible in the area of solid-state lighting technologies which are enjoying a large global market growth.

Technology showcasing and exhibition center

The Center will establish a world-class exhibition of lighting products and systems with focus on efficient lighting technologies in the residential, commercial and industrial sectors.

Benefits

- ▶ A significant reduction in lighting load,
- ▶ Reduction in greenhouse gas emissions and electricity demand growth
- ▶ Contribute to the economic development in the region
- ▶ Promote inter-regional cooperation

Management Structure of the Center

RCEEL will be developed under the guidance and support of Sri Lanka Sustainable Energy Authority (SLSEA). SLSEA will provide the center with space and administrative support. The Center's functions will be overseen by the Board of Directors of SLSEA but with an advisory board consisting of regional and local energy professionals

Management Structure of the Center

- ▶ The Center will have a long-term partnership with a US based knowledge partner to obtain expert services, staff training and education, and share experience and knowledge in lighting.

Thank You

