



## Quality assurance of lighting products and importance of laboratories

Light India International

Thursday, 18 September'2014

AUDITORIUM – Above Hall No. 8, Pragati Maidan,  
New Delhi

The Indian lighting sector is growing at a rate of 15% and the annual turnover is expected to cross 3.5 billion by 2016. At the same time, a high growth rate for solar lighting market is anticipated at the national level as the Ministry of New and Renewable Energy (MNRE) has a target to install 20 million solar lighting systems by 2022 under the Jawaharlal Nehru National Solar Mission (JNNSM).

In addition to the national programs, several other initiatives on efficient and clean lighting at regional and international levels have been taken up to meet the demand and to provide quality lighting systems. Some such initiatives are ComAfrique – InteliZon Initiative (CII), International Commission on Illumination (CIE), Efficient Lighting Initiative (ELI), UNEP's en. Lighten initiative & Lites.Asia and International Finance Cooperation (IFC) initiatives such as Lighting Global, Lighting Africa & Lighting Asia – India. However lack of quality control test laboratories, benchmarking, test standards & protocols are found to be the key issues for ensuring quality of lighting systems in on-grid and off-grid lighting.

In order to address these issues The Energy and Resources Institute (TERI) and Electrical Lamps and Components Manufacturer's Association (ELCOMA) are organising a workshop on '**Quality assurance of lighting products and importance of laboratory**' under '**Lighting India 2014**' on 18th September 2014, 1:00PM-5:00PM at Pragati Maidan, New Delhi. The aim of this workshop is to bring leaders and experts from the general lighting and off-grid lighting sector to share their experiences & findings and establish a network to ensure and maintain lighting product quality. The overall workshop will include, discussion on various aspect of energy conservation to promote off grid lighting and general lighting from international experts' and discussion on quality assurance, need of standards and test lab to provide good quality product to end users.

<b>Agenda</b>	
<b>1300-1400</b>	<b>Registration</b>
<b>1400-1445</b>	<b>Inaugural Session</b>
	<p>Chair: <b>Mr. Amit Kumar</b>, Adjunct Professor, TERI University</p> <ul style="list-style-type: none"> <li>• Welcome address : <b>Mr. Shekhar Bajaj</b>, CMD Bajaj Electricals and Past President, ELCOMA</li> <li>• Address: <b>Ms. Neelima Jain</b>, Programme Coordinator, EESL</li> <li>• Vote of Thanks: <b>Mr. K Rahul Sharma</b>, Area Convener, Centre for Distributed Generation, TERI</li> </ul>
<b>1445-1530</b>	<b>Session 1: Lighting Initiatives</b>
	<p>Moderator: <b>Mr. Shirish S Garud</b>, Associate Director, TERI</p> <ul style="list-style-type: none"> <li>• National Policies: <b>Dr. Ashvini Kumar</b>, Director, Solar Energy Cooperation of India</li> <li>• Overview on Off-grid lighting: <b>Mr. Pradeep Kumar</b>, Associate Director, TERI</li> <li>• Japan : Importance of test labs in quality assurance: <b>Mr. Masanori Doro</b>, Executive Managing Director, JLMA</li> </ul>
<b>1530-1630</b>	<b>Session 2: Aspects of quality assurance in lighting</b>
	<p>Moderator: <b>Mr. Pradeep Kumar</b>, Associate Director, TERI</p> <ul style="list-style-type: none"> <li>• China: Green lights in China and lighting quality, <b>Ms. Wang Zhuo</b>, Vice Secretary General, CALI</li> <li>• Taiwan: Quality Control on LED Products: <b>Mr. Michael Ng</b>, President, AMKO</li> <li>• Challenges and proposals on how LEDs contribute to Off-grid lighting-A case from farming and pastoral region: <b>Ming Li</b>, ISA</li> <li>• Need of quality assurance in off-grid lighting project: <b>Dr. G Prasad</b>, Scientist E, MNRE Gol</li> <li>• Importance of test labs and test standards: <b>Mr. Arvind Sharma</b>, Fellow, Solar Lighting Lab, TERI</li> </ul>
<b>1630-1700</b>	<p>Open house discussions and concluding remarks Moderators: <b>Mr. Shirish S Garud &amp; Mr. Pradeep Kumar</b></p>
High Tea	