Network for Energy Efficiency in the Building Sector

Standards, Education and Information Technology

February 2-3, 2010

India Habitat Center, New Delhi, India
BACKGROUND

The USAID ECO-III project and Bureau of Energy Efficiency (BEE) in association with the Renewable Energy and Energy Efficiency Partnership (REEEP) and Technical University of Vienna (TUV), are pleased to invite you to the workshop on “Network for Energy Efficiency in the Building Sector: Standards, Education and Information Technology”. The workshop is structured to provide a platform for key invited stakeholders from diverse backgrounds to participate in a focused discussion covering critical facets of imminent importance in the energy efficiency arena; energy efficiency standards, capacity building at various levels and information technology processes.

The event is expected to contribute to the dissemination of standard-based technical and regulatory information regarding energy efficiency measures in building industry. Specifically, the event will bolster ongoing efforts to create a country-wide movement in the nation’s architecture and engineering schools toward the incorporation of code-based information in the respective curricula. Moreover, concrete activities shall be initiated to maximize the opportunities provided by the information and communication technologies to provide critical information (standards, products, assessment tools) to the relevant stakeholders in India’s building sector.

WORKSHOP OVERVIEW

The event is structured over a two day period. Day 1 includes three technical session tracks, which will provide an opportunity to the participants to get updates on standards, research, tools and processes. In addition, the participants will also get an opportunity to interact with speakers through dedicated Q&A and panel discussions. Day 2 includes workshops with parallel breakout sessions, providing the invited stakeholders an opportunity to be involved in interactive sessions on key topics with a focused group. Each workshop session is designed to include two breakout sessions covering parallel and synergistic facets of the workshop theme. The participants from each breakout session will work together to arrive at objectives, outcomes and next steps for that theme. Workshop 1 will discuss the status of energy efficiency standards and the evolution of curricula to respond to these standards, Workshop 2 will discuss tools and their incorporation in the building delivery process. The outcome of the workshop sessions will be to create a roadmap and develop a network of interested technical experts who will work closely to ensure that the developed roadmap is implemented.

OBJECTIVES

The event, through the highlighted format will provide concrete answers and recommendations to the following questions:

a. What is the current state and future projections concerning energy-related building standardization in India and how can its results be more effectively disseminated?
b. How could the state of related curricular contents in India’s architectural schools be improved?
c. How could energy-efficiency related information services (standards, product information, computational assessment tools such as those for building performance simulation) be most effectively disseminated to the stakeholders in India’s building sector (architects, students, construction professionals, owners, users)?

A critical outcome of the event will be to outline a roadmap by answering the above questions and meeting the objectives of 1) evaluating the multi-disciplinary facets of incorporating energy efficiency in buildings, 2) exploring opportunities for incorporating advanced technology/information processes and systems during the building process (design, construction and operations) to enhance energy efficiency and 3) evaluating the status of capacity building by identifying the gaps and opportunities in various sectors for implementation of energy efficient buildings.

Please refer to the detailed agenda for further details of the event. We request you to complete the attached registration form and return it to us by either Fax (+91-11-2685 3114) or e-mail at eco3@irgssa.com.

Venue:
February 2, 2010 (Tuesday): Casuarina Hall, IHC, Lodhi Road, New Delhi
February 3, 2010 (Wednesday): Maple Hall, IHC, Lodhi Road, New Delhi
ABOUT ORGANIZERS

USAID ECO-III Project

The Energy Conservation and Commercialization-III (ECO-III) project is a bilateral project supported by United States Agency for International Development (USAID) and the Bureau of Energy Efficiency. ECO–III project aims to promote widespread commercialization of energy efficiency technologies and services in India, thereby contributing to the reduction in growth of greenhouse gas emissions. It has been working in the building energy efficiency sector focusing on commercial buildings like offices, hospitals and hotels. The Project has played a pivotal role in Energy Conservation Building Code (ECBC) implementation and education curriculum enhancement through technical publications like ECBC User Guide and initiation of a nation-wide series of ECBC awareness workshops for energy-efficiency professionals, educators and students. Presently, the Project is working on developing an ECBC Compliance Check Tool along with a Training Program and Proficiency Test.

Bureau of Energy Efficiency (BEE)

Bureau of Energy Efficiency (BEE) was established in March 2002, as a statutory body by the Government of India under the Energy Conservation Act 2001. It coordinates with State level agencies and energy consumers to perform functions and exercise powers that may be necessary for efficient use of energy and its conservation in India. Bureau of Energy Efficiency is responsible for spearheading the improvement of energy efficiency of the economy through various regulatory and promotional instruments. The primary goal of BEE is to reduce the energy intensity in the Indian economy.

Renewable Energy and Energy Efficiency Partnership (REEEP)

The Renewable Energy and Energy Efficiency Partnership (REEEP) is an active, global partnership that works to reduce the barriers limiting the uptake of renewable energy and energy efficiency technologies, with a primary focus on emerging markets and developing countries. REEEP initiates and funds projects; targeted interventions in two specific areas that offer the greatest potential for developing the market for sustainable energy:

- Assisting governments in creating favourable regulatory and policy frameworks
- Promoting innovative finance and business models to activate the private sector

REEEP develops and supports policy-maker networks through initiatives such as the Energy Efficiency Coalition (EEC), the Sustainable Energy Regulation Network (SERN) and Renewable Energy and International Law (REIL) sub-networks.

REEEP disseminates and replicates learnings through news items, publications, its website and events. It also operates a search engine for the green energy world (reegle) and a clean energy blog.

The Partnership was established alongside the 2002 World Summit on Sustainable Development in Johannesburg. It is now comprised of nearly 300 partners including 46 governments as well as a range of private companies and international organizations. Approximately 3000 individuals are also registered as Friends of REEEP.

REEEP has a network of Regional Secretariats on the ground around the globe, including China and India, ensuring that all activities are locally relevant and focused.

REEEP is supported primarily by governments (Australia, Austria, Canada, the European Union, Germany, Ireland, Italy, Netherlands, New Zealand, Norway, Spain, the US and the United Kingdom) and by contributions from the private sector. Robust governance and monitoring structures ensure that all contributions are spent transparently and effectively.

Vienna University of Technology (TU-Wien)

Department of Building Physics and Building Ecology

The Department of Building Physics and Building Ecology of the Vienna University of Technology (TU-Wien) is a center of advanced studies in science of the built environment (thermal, visual, and acoustical performance of buildings, energy-efficient and ecological building design operation, life-cycle assessment of built environment, human factors, computational building performance assessment, building diagnostics, building automation). Our mission is to promote, develop, and disseminate scientific and technical knowledge, methods, tools, and skills toward enhancing the sustainability and habitability of the built environment. The Department has received international recognition for excellence in research and teaching. Amongst others, the Department’s pioneering work in the areas of building performance computing, building automation, eco-efficient and climatically responsive buildings, and human ecology have established the Department’s research reputation. The Department’s research work is widely published. Alone the list of publications by Professor Dr. A. Mahdavi (Director of the Department) includes over 400 papers in peer-reviewed scientific conference proceedings and journals.

Contact us:

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Workshop on
Network For Energy Efficiency In The Building Sector
Standards, Education and Information Technology

Venue: India Habitat Center, Lodhi Road, New Delhi
February 2, 2010 (Tuesday): Casuarina Hall
February 3, 2010 (Wednesday): Maple Hall

REGISTRATION FORM

Name: Dr./Mr./Mrs/Ms. __________________________________________________________

Name to appear on the badge: ___________________________________________________

Designation: ____________________________________________________________________

Organization Contact Details:

Contact Person Name & Designation: ________________________________________________

Phone: ____________________________________, Fax: ________________________________

E-Mail: _________________________________________________________________________

Organization: __________________________________________________________________

Mailing Address: __________________________________________________________________

__________________________________________________________________________________

City            State       Zip Code

Return the Registration Form electronically to eco3@irgssa.com or by fax to +91-11-2685-3114.

Workshop Coordinator:

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