26 March 2014

i Light Sustainability Workshop

Over 150 SGBC members, industry players as well as members of the public registered to attend the i Light Sustainability Workshop on the 26 March, co-presented by the Urban Redevelopment Authority (URA) and the Singapore Green Building Council (SGBC), supported by Philips Lighting.

The i Light Sustainability Workshop is a partner event of the i Light Marina Bay 2014. Themed “HeART of Creative City”, this workshop explored the contribution of the various aspects of lighting to sustainability, including artificial and day-lighting.

At the half-day workshop, the 7 lighting and sustainability professionals and experts shared with the audience their perspectives and ideas on design and technology, and also how these have improved our lives and inspired minds.

SGBC President, Mr Ng Eng Kiong, started off the morning with a welcome address, highlighting SGBC’s drive to develop guidelines on sustainable lighting, and building up the industry’s capabilities in providing sustainable lighting solutions.

Ms Janet Echelman of Studio Echelman, was the keynote speaker of the workshop. Ms Echelman is an artist who reshapes urban airspace with sculptures, and she shared about the inspiration and creation process of her works, which combines ancient crafting techniques and advanced technology.

Professor Mary-Anne Kyriakou, Founder of Smart Light, took the audience through the history of public lighting, the evolution of lighting masterplans and functionalities, and how this has impacted human performance.

Ms Mieke De Schepper, General Manager of Philips Lighting Singapore, presented the future of lighting; including the integration of lighting with infrastructure, the impact on well-being, and the advent of sophisticated lighting controls and new business models.

Meinhardt Light Studio’s Technical Director, Mr Shaun Teo, provided his perspective and observations on home lighting solutions and how different approaches to lighting can create a different atmosphere with the same surroundings.
Mr Dion Anandityo, Senior Consultant ESD- Building Services from Arup, focused on the influence of sustainable design on the form and appearance of buildings, in particular the contribution of natural ventilation, façade scheme and building design.

Associate Professor Thomas Schroepfer, from the Faculty of Architecture and Sustainable Design of the Singapore University of Technology and Design (SUTD), shared several case studies on sustainable buildings to demonstrate the integration of daylight and architectural design, and provided a glimpse into the sensor-based light art installation by SUTD at Marina Bay.

The dialogue with the panel of speakers was facilitated by Ms Ong Swee Hong, Director of Lighting, ONG&ONG, and this provided a platform for the audience to gain greater insights from the speakers.

The collaboration for the i Light Sustainability Workshop is part of SGBC’s initiative with the Building and Construction Authority (BCA) and the California Lighting Technology Center at UC Davis to work jointly on lighting practices and solutions. Known as the Singapore Lighting Technology Centre (SLTC), the SLTC will be a platform to showcase and share emerging lighting technologies, progressive design concepts and best practice solutions.

For more information and news from SGBC, please visit: http://sgbc.sg/news/sgbc-news/.