



CIBSE UAE Newsletter No.4 July 2015

Lighting Event

Early this year, to focus on 2015 being the International Year of Light, our inaugural event was on lighting. Photonic technologies have major impact on the world economy with a current global market of €300 billion and projected market value of over €600 billion in 2020. Growth in the photonics industry more than doubled. Lighting represents almost 20% of global electricity consumption (International Energy Agency). The future development of society in both developed countries and emerging economies around the world are intimately tied up with the ability to effectively light our cities, homes, schools, and recreation areas.

So with the support and sponsorship of Thorlux Lighting LLC, Richard Caple, the Vice President of the Society of Light and Lighting (SLL) visited Dubai to bring us the latest update on this exciting and interesting topic. Lighting is often ignored or at least left to the last minute. Often developers and landlords see lighting as a necessary evil whilst government organizations are under pressure to provide more and more lighting in public areas for security and safety. And, of course, in developing countries lighting is critical to their future progress.

Plainly LED's will play a major role in future lighting schemes and Richard's first paper was on the intricacies of specifying LED fittings. Following this paper Richard stepped into the sensitive but critical area of emergency lighting practice in the UAE. As every project requires emergency lighting it can be a very emotive subject. The papers were SLL accredited and Thorlux issued CPD certificates with the CIBSE and SLL logo to all in attendance.

These types of events demonstrate the value of having our own UAE group. CPD is an essential component of our profession and the more accessible we can make it for our members the greater benefit it will be for not only our profession but the public at large, after all, we are one of the few professional bodies that have sustainability at its core.

Annual Dinner

Despite last year's success, this year's annual dinner was postponed for a number of reasons. The issues were made clear by a separate communication from CIBSE HQ however the real story is that much hinges on having our own UAE Group entity.

Legal Entity

Still much work has to be done to achieve this goal. During the visit of Peter Kinsella, we called on the Dubai Association Centre in Dubai Chamber of Commerce and their project manager, Rami Muhanna. He was accompanied by vice chair ChewPieng Ryan and our Local Authority liaison officer, Azmi Aboul-Hoda. The discussions were very positive and we now expect that HQ will move forward to complete all the necessary formalities. And, of course, it being the Holy Month of Ramadan we are managing our expectations.

Visit of CIBSE Immediate Past President



Peter Kinsella's visit to the UAE provided the opportunity to meet with a number of group members and visit several landmark projects.

First on the list was the prestigious Louvre in Abu Dhabi which is under construction. Being a sensitive project, BuroHappold Engineering needed a lot of co-operation from the owners. The team from BuroHappold was accompanied by Carl McKenzie, UAE Group Chair, Raef Hammoudeh and ChewPieng Ryan representing the UAE Group Committee. Needless to say, Peter Kinsella was duly impressed.



Second on the list was a meeting with YEN Champions Elie El Choufani and Imran Shaikh along with others from the group.

Thirdly we had a visit to Dubai Chamber of Commerce and met with Annelies Hodge, the senior manager CSR and Internal Communications. I was there with ChewPieng Ryan, and again, the achievement of DCC is impressive. It is the first USGBC Platinum rated existing building in the Middle East. What is more impressive is how much energy saving was made on a shoe string budget. Worth a visit if you have a similar project.



Finally Atkins Middle East arranged a visit to the soon to be iconic Dubai Opera House Site. Accompanying Peter was the indefatigable ChewPieng Ryan as well as Elie El Choufani who arranged the visit and Azmi Aboul-Hoda our Local liaison officer.



All told, Peter's visit was packed and full of variety giving him a very broad concept of the activities of CIBSE members in this local region.

Energy Efficiency in the Built Environment Event

Three speakers were featured; the first Michel Abi Saab (Senior Engineer Energy Efficiency – MASDAR), followed by Tarik Tadmori (Sustainability Team Lead – AECOM) and finally Robert McIntyre (Schneider Electric). The topics were the design of the Siemens building on the MASDAR site, sustainability strategies to achieve energy efficiency and finally hardware and software that bring energy efficiency changes by either passive reporting or active means.

The Siemens building has a LEED Platinum rating brought about by energy efficiency systems that were considered from its initial brief and developed all the way through the design process achieving up to 50% energy saving compared to conventional buildings. Tarik Tadmori suggested that CIBSE should be targeting Net Zero or surplus energy goals. Robert McIntyre explained their systems were being utilized in the Siemens building!

A thought provoking evening that produced a lively discussion amongst the over thirty audience until it was time to enjoy the supper provided by Schneider.

FM Notes

Thanks to an invitation from Azmi Aboul-Hoda of Energy LLC I visited the FM Exhibition at the Dubai Trade Centre. Although I missed Amzi's presentation I was bowled over by the extent of the exhibition. Plainly FM is a very

comprehensive business in this area. Peter Kinsella told me at the informal dinner we had that evening in Aquara at the Dubai Marina Yacht Club that FM Consultants were required to approve most commercial projects before the final documentation was issued.

The Emirates Green Building Council, with whom we have close ties, has just produced their Technical Guidelines for Retrofitting Existing Buildings. Several CIBSE members were involved in the preparation of this document.

And, finally, in November last year CIBSE launched Guide M – Maintenance Engineering and Management. Joanna Harris, the Chair of the CIBSE Maintenance Task Group highlighted the need for professional best practice in the retrofitting and refurbishing business.

Clearly CIBSE is in the forefront of FM and remains one of the few professional bodies that takes the lead on sustainability.

Events

We will be in recess until September when our first event AC/DC lighting will be presented by the SLL. A separate notice will be sent in the near future.

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