



Dear CIBSE member,

News from the Region

Amazing how time flies when you are having fun. This newsletter was meant to be published last May. But so much was happening it was difficult to keep up. After the fabulous dinner, we had the summer recess then there was a need to formalize our Group in accordance with the new licensing procedure and then finally we had our first formal AGM. This didn't mean that we stopped working as can be seen by the number of activities taken in that time. But now we face the New Year with a new committee brimming with energy ready to go. Before I leave the subject of last year I am sure that we all owe ChewPieng Ryan a serious vote of thanks for the extraordinary work she put in to ensure the Group's solid foundation was in place.

Having stepped down ChewPieng's role is being taken over by the equally capable Raef Hammoudeh. Each chairperson has always had their own agenda (a good thing) and Raef's plans are already underway. The Group has now grown with the establishment of an Abu Dhabi Chapter and our links with the Emirates Green Building Council are growing stronger.

Amazing what you hear whilst having coffee with strangers. On a sales visit to an aluminium extrusion plant I was listening, probably not in amazement but in disappointment as he described how contractors bought their own dies so that they could shave half a millimetre or more off their extrusions. The consequence of such shabby practices is that they go unnoticed until it is too late to do anything about them and the following comment from an AIVC Publication article written by Wouter Borsboom, Willem De Gids, Jennifer Logue, Max Sherman, Pawel Wargocki give a good idea of the dangers faced by residences in these buildings.

“Exposures in homes constitute the major part of exposures to airborne pollutants experienced through the human lifetime. They can constitute from 60 to 95% of our total lifetime exposures, of which 30% occurs when we sleep. The airborne pollutants constituting these exposures have sources outdoors and indoors. Pollutants having sources outdoors penetrate building envelope through cracks, gaps, slots and leakages, as well as through open windows and ventilation systems. Indoor pollutant sources include humans and their activities related with hygiene, house cleaning, food preparation, laundry, etc.; building construction materials, furnishing, and decoration materials; mould, bacteria, and fungi; tobacco smoking and combustion processes; as well as pets and pests. Studies have measured over 250 fifty pollutants in the indoor air in homes. Volatile organic compounds (VOCs) have the highest airborne concentrations in homes due to higher volatility however other pollutants impact occupant health as well. Indoor concentrations vary from home to home as well as over time in a given home.

Exposure controls should be designed to minimize health hazards and avoid unwanted odours. To do this, we must identify the pollutants driving the health risks and identify the best control strategies for those pollutants. High concentrations are not necessarily indicative of a health hazard. Pollutant concentration data alone cannot be used to identify pollutants driving health hazards. Toxicity varies widely from pollutant to pollutant and extensive research has been undertaken to link exposures levels of specific pollutants to specific adverse health outcomes. Toxicology and epidemiology have traditionally been used to link concentrations/exposures to health outcomes. However, in-silico and in-vitro based assessments of toxicity are gaining prominence.”

And this is just pollutants let alone wasted energy from leakage of air conditioned air. Plainly the whole community not just Building Service Engineers needs to get behind the idea of sustainability or the aims and goals will be lost to the cheapest price.

Finally, this newsletter has the Chairpersons Annual Report and it is worthwhile reading so that you can get some idea of the work put in last year. Expect nothing less this coming year

2016 Annual General Meeting (AGM)

As a licensed entity we held our first AGM on the 14th December 2016. The evening was well represented with 30 attendees and the event was kindly sponsored by CIBSE and Ecoval Trading LLC.



This was a formal evening with the agenda:

1. Welcome and Introductions
2. Apologies
3. Chairman's Annual Report
4. Election of Office bearers
5. Ceremonial handover to new Chair
6. New Chair presentation: 2017 CIBSE UAE business
7. Setting up the UAE EPG group
8. AOB / Close

This meeting has been kindly sponsored by CIBSE and ECOVAL Trading LLC



Nominations for 2017 CIBSE UAE Committee

Board

Chair	Raef Hammoudeh	KEO
Vice Chair	Hassan Ali Younes	Griffin Consultants
Hon. Secretary	Dr. Hasim Altan	University of Sharjah
Hon. Treasurer	<i>vacant</i>	
Committee		
Membership Secretary	Issam Hammad	Cundall
Local Liaison	Azmi Aboul-Hoda	EMergy LLC
Technical	Reid Donovan	Arcadis
Careers	Imran Zubair Shaikh	CKR
Publications	Barrie Harmsworth	Green Technologies
Events	Connor Moore	Ramboll
Social Secretary	Gary McKeown	Consult AE
Sub Groups		
Technical	Raef Hammoudeh	KEO
	Reid Donovan	Arcadis
	Barrie Harmsworth	Green Technologies
	Azmi Abou-Hoda	EMergy LLC
	Isaac Coker	WSP
	Michael Dalton	Meeras
	Jim Sebastian	Ecoval
	Aly Diab	BK Gulf
	Adam Smith	Polypipe
EPG	Sophie Chisholm	Ramboll
Societies		
SLL	Chris Ackers	Acoulite
WiBSE	Farah Naz	Buro Happold
YEN	Imran Shaikh	CKR
SoPHE	Andrew Russell	WSP
Chapter		
Abu Dhabi	Idris Sudi	James Cubitt & Ptnrs



Members of the 2016 and 2017 Committee

Chairman's Annual Report 2015-2016

Dear CIBSE Members,

The current CIBSE UAE Committee was formed in 2013 with a main objective to raise the profile of Building Services Engineering and in particular the awareness of CIBSE presence in the UAE and surrounding regions. Currently the only truly professional engineering body whose primary function is

sustainability in buildings, our institution is very relevant. Bearing in mind the goals of the Governments in the UAE, Supply Authorities and the Supreme Council for Engineering, CIBSE input is invaluable. In fact some of these bodies use or refer to CIBSE guides for various building services activities such as CIBSE's Commissioning Guide.

Additionally, our aim was to aid CIBSE members who are resident in the UAE with technical events to meet the requirements of CPD. Whilst initially successful a series of obstacles become apparent primarily that we needed funding to raise the level of these activities and events. We therefore looked in earnestness for the route to licensing and chose to be created as an entity with the Dubai Associations Centre (DAC). This was a challenging game of 2 year's patience of research and waiting and we were finally granted our license by the Chamber of Commerce on the 17th April 2016. For this, we must thank CIBSE HQ for their support and assistance they have given us to date.

We have been raising awareness of CIBSE's presence here in UAE for our members here through networking and social events. We have conducted numerous technical and networking events along with membership clinics and engaged with local industries and organizations with similar goals. This year in particular, we were given the opportunity to offer our members a chance to join the Annual CIBSE Technical Symposium via live link up between Herriot-Watt University (HWU) in Dubai and Edinburgh. The theme of the Symposium was on the Integration for whole life building performance. Obviously the time difference had an impact as we were having afternoon tea while they were having their morning one. However, despite this the issues they had in keeping the warmth in whilst we are trying to keep the warmth out had much in common and the exchange of ideas from a different perspective was very worthwhile.

With pathways to becoming a graduate Building Service Engineer very limited in this region we have been engaged with Herriot-Watt University's Architectural Engineering Course through participating on their Industry Advisory Panel (AE-IAP) to assist them in attaining full accreditation for their Dubai syllabus. HWUD were very pleased to announce and confirm their full accreditation in November 2015, and our members sit on the AE-IAP to continue supporting them. Next of all our active and tenacious education officer, has opened negotiations with Manipal University and Amity University with the latter signing up 61 student members last month.

Our sub groups represent a most important aspect in communications. Both the Young Engineers Group (YEN) and the Society of Light and Lighting (SLL) have had significant events including networking that drew not only CIBSE members but other CIBSE aspirants. We look forward to even greater activities in the coming years. A new network group, Women in Building Service Engineers (WiBSE) was set up this year and they have held several leadership events to date. Most recent event in October was on the theme of 'Believe to Achieve' that take a different view point from our more classic CIBSE events. Meanwhile, in these last weeks, we gathered a group of enthusiastic CIBSE members who has now created and formed a committee for an Abu Dhabi Chapter.

For all of us working in this region, the experience gained in this region is in many ways, unique and complex. Notorious high temperatures, humidities, sand storms and from time to time pollution create challenges that are not often met in other parts of the world. Particularly for Building Service Engineers involved in facilities management these are a daily occupational hazard. With this in mind, we have set up a technical group to study and prepare papers as a specific subject. We are very pleased to have had additional members from across the industry join our technical sub group with Michael Dalton - Meeras, Jim Sebastian - Ecoval, Aly Diab – BK Gulf, Adam Smith – Polypipe alongside some of our committee members. This is quite time consuming and it is difficult to get the technical group to meet as they are all very involved in their own occupations. Despite this we will pursue this activity more rigorously in the coming year.

There are several other building service expert organizations in Dubai including the Emirates Green Building Council, Dubai Municipality and ASHRAE and we are currently engaging with them. Potentially there are excellent opportunities for co-operation but a number of protocol issues need to be resolved as we are a non-profit professional learned society and it is not easy to mix and match the differences in policy.

This year we tried to engage with local industry in a more positive manner. The local industry can provide an excellent source of material for events and seminars. A typical example is Ducab, one of the largest manufacturers of cable in the Gulf. A range that includes HV, LV and fire retardant cables.

In addition, we have approached EKA Ventilation, Polypipe drainage who gave an excellent seminar on drainage issues in this region as well as IES, Scott Group and several others. These local industries also employ building services engineers and are a potential source of new members.

Again, a source of seminar opportunities particularly within the realm of commissioning, handover and facilities management. Some of the largest MEP contractors are headquartered in Dubai and in the past year, we have been collaborating with BK Gulf. Last month we received the announcement from BK Gulf that they have taken a corporate mandate to support their engineers with membership of CIBSE.

Additionally, we have had the support of CIBSE UK visit UAE to conduct membership clinics in consultant and contractor offices as well as open sessions held in the Green Initiative at the start of the year and more latterly in The Majlis in DWTC Club. There were lessons to be learnt to understand the primary needs of the local members and to help out in upgrading but overall the clinics were a success.

UAE CIBSE Inaugural Dinner and Announcement of Official Licensing.

Undoubtedly this was the highlight of the year. The dinner took place in the ball room of Westin Mina Seyahi with 200 guests. We had the pleasure of the CIBSE President, Nick Mead and CEO, Stephen Matthews along with invited VIP'S and of course our local CIBSE members. Topping the bill was the keynote speech by Saeed Alabbar the Chairman of Emirates Green Building Council.

There was great excitement over the announcement that finally, after a long time and with a considerable degree of patience, we had our official Department Of Community Affairs license. Now we have our license we can set up our office in the DAC facility in the DWTC which provides us with the access to office facilities and a board room for all our regular meetings. Also we have the use of the facilities of DWTC Club on the 33rd floor with Majlis, dining and bar facilities. With a license now we can set up a group bank account and letterhead allowing us to carry out our activities more formally with due diligence and recognition.

Our first agenda item is to elect a new regional committee. Some members, including me will be standing down so there will be an influx of new blood and ideas. As the chairperson, I am fully aware of the need for an active committee and what we achieved last year would not have happened without that support.

Thanks to the interest of YEN, SLL and WiBSE; we almost have a full calendar for next year already. The YEN and WiBSE groups aim their events so that they will assist their members in their early careers, whereas SLL appeals to all and their events are often colourful (what would you expect) and entertaining.

All the CIBSE events try to cater to providing CPD. Some events are more technical than others but by careful selection we have managed to provide events that are of much interest to our members. One major issue is venues as most of the events are held after working hours and with Dubai traffic careful choice of venues is essential.

We will continue to support academic bodies whenever and wherever there is interest in CIBSE. This year's efforts with Herriot Watt and Amity Universities are a good indication of what can be achieved as they are now accredited. Next year we will focus on other academic institutions, particularly Manipal and Bits Pilani universities and the Dubai College of Education. A heavy work load but very fruitful in the end.

Additionally we need to focus more on our subgroups and create new ones. We have now set up an Abu Dhabi chapter. We have a committee ready to launch SoPHE (led by Andrew Russell) and finally, we have been fortunate enough to have a steering group member of the

Energy Performance Group (EPG) located here to look into starting up a sub group for the UAE. Despite the difficulties we must strengthen our Technical subgroup

YEN, with their youthful unstoppable ambition have proposed that we should make a submission to HQ to have the YEN Annual Global conference in the UAE. This would be a feather in our cap and a fine achievement if we can accomplish this conference.

In Conclusion, This last year has been a source of pride for me. The accomplishments of the group have exceeded all expectations. We are now firmly established with our DAC license and our Inaugural dinner was a great success. Now we look forward to strengthening our group and further promoting the interests of building services engineers.

Plainly I could not have achieved this on my own and the assistance received from my Committee and HQ was boundless. I am entirely grateful to all the committee members who assisted and supported me since our inception in 2013.

In conclusion, I have thoroughly enjoyed my tenure as Chairperson and I would encourage any members working here in UAE to come forward and put your oar in to row with the Committee and all help will always be gratefully received and accepted. Finally, I will extend my best of wishes for the incoming Committee to be led by Raef Hammoudeh and keep up the good work. It's been well worth and very rewarding experience. Thank you.

ChewPieng Ryan

Update from Education Liaison Officer – Imran Shaikh

Seminar at Amity University, Dubai: Building Services 101 and CIBSE Membership

Date: 31st May 2016

Venue: Amity University, Dubai



This presentation was carried out by Imran Shaikh at Amity University, Dubai to embark 101 knowledge to students about building service industry and its importance in architectural and interior design. Imran also spoke about the importance of CIBSE membership for students and benefits it accompanies along with it. He also spoke about Solar decathlon competition organized by DEWA, encouraging the University to participate. Seminar was attended by large number of students.

Meeting with BITS Pilani, Dubai: Collaboration with CIBSE/ Development of Building Services Curriculum for University

Date: 31st May 2016

Venue: Amity University Dubai

This meeting was organized with the Dean of Civil Engineering and Practice School (Internship) Manager Mr. Suhail to discuss about Universities collaboration with CIBSE in the region. Proposal was made by University to develop a curriculum in which industry experts from Building service industry would come in to present to students. Next meeting to be organized end of October with Director of Bits Pilani to take this forward.

Presentation at Amity Stall in WETEX Exhibition organized by DEWA: Latest Chillers Technology

Date: 6th October 2016

Venue: WETEX Exhibition



On request of Amity University, a technical presentation was organized by CIBSE on the topic Latest Chillers Technology. This presentation was carried out by Mr. Hasan from Daikin Middle East and was found to be very useful to the students and other attendees from the industry,

Amity University has started the mechanical engineering program in the University from September 2016 and is planning to enrol all the 35 students of new mechanical batch as CIBSE student members. Another launch event has been requested to be organized by University in their new campus.

University have also offered to utilize their lavish auditorium for CIBSE events.

Technical Seminar: BIM Overview and BIM 360 Glue

Date: 6th September 2016

Venue: Zumtobel, Dubai

This event was hosted by Naga Architects at the Zumtobel office. This event was attended by main CIBSE members along with YEN members. The topic sparked a lot of interest among YEN and CIBSE members. The topic was further supplemented by the presence of Autodesk representative who provided his inputs and developments in the field of BIM.



YEN in Social Media

The new committee has chosen to use the power of social media to attract members and spread knowledge alike. Active Facebook posts and event details has garnered further interest to our events from people across the region.

Update from WiBSE – Farah Naz

WiBSE Event: Believe to Achieve

Date: 5th October 2016 18:45 to 20:30

Venue: Zumtobel Gallery, Dubai

WiBSE invited leadership coach Aisha Kouwatly, who is a dynamic entrepreneur and community builder who focuses on women empowerment and assisting self-accomplished women lead fulfilling lives. Aisha's session was full of insight and tools for the modern day woman. The event was attended by both construction and non-construction sector women.

The environment was highly energetic with discussions around leadership and diversity within the construction sector.



Speaker Aisha Kouwatly, on the left addressing the attendees, with a welcome introduction from ChewPieng Ryan CIBSE UAE Chair.



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