



CIBSE
United Arab Emirates

Newsletter August
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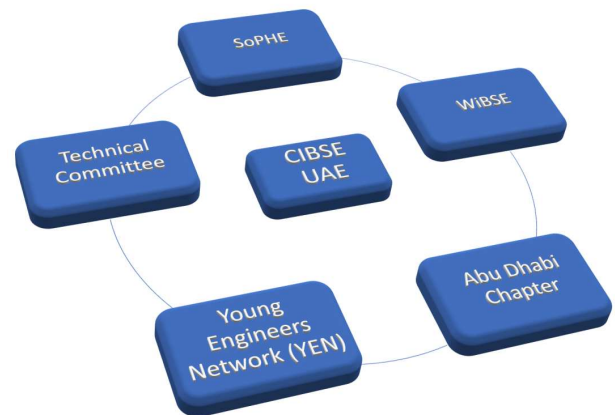
Welcome to the latest Newsletter

Welcome to the latest edition of the CIBSE UAE Newsletter. This edition covers the activities of the committee over the past several months. With a focus on some key events and achievements in order to keep the wider CIBSE community in the UAE updated.

The committee has had a bit of a reshuffle and some new members have joined after our Annual General Meeting.

The CIBSE UAE Technical Committee have published the long-awaited Dubai Design Guidelines.

“The CIBSE UAE Technical Committee have published the Dubai Design Guidelines.”



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CIBSE UAE appoints Farah Naz as Chairman 2020

The Chartered Institute of Building Services Engineers (CIBSE) has appointed Farah Naz FCIBSE as the new Chairman in the UAE. Naz, oversees the Sustainability and Innovation for Buro Happold in UAE, she said “it was an honor and a privilege to be elected as chairman ” by her peers and that she intends to make a positive impact for members during her tenure. As the newly appointed Chair for CIBSE UAE, her manifesto is Designing with a Purpose. Naz states,

The State of the world today, presents a challenge as well as an opportunity to reimagine the business as usual, by the very real threats of climate change. The decisions we make today, will create a blueprint for the future generation. Therefore, as building services engineers we have a responsibility to contribute positively to our communities, cities, and the region.

She aims to enhance the intellectual welfare of the members and establish collaborative platforms for the region, work closely with CIBSE YEN Group, SOPHIE, and other potential regional partners and thought leaders to improve the understanding of building services engineering and address key issues for the region.

Naz was a prime mover in creating the energy strategy for the first zero-carbon in-use, BREEAM Outstanding

School in UK which, subsequently, won the 2015 RIBA Sustainability and BREEAM Awards, for ‘Highest Scoring Project: Education Sector’. And, currently, she is working on the sustainability projects across the region including the Museum of the Future, the Louvre Museum in Abu Dhabi, the Bee’ah headquarters, Sustainability Pavilion for EXPO 2020, and Masdar master planning. Her projects in UAE Louvre Museum in Abu Dhabi was recognized for MEED Awards for Best sustainable project in 2018, Bee’ah Head Quarters in Sharjah won the Gulf Sustainability and CSR Awards in 2018,, and Masdar Phase 2 Master plan won AIA Middle East award in 2019.



Farah Naz. CIBSE UAE Chairman

“Our decisions today, will impact an entire generation in the future.

Climate change is a reality that we cannot escape.

The State of the world today, presents us a challenge as well as an opportunity to reimagine the Business as Usual.

Our Buildings & Construction Activities. are responsible for 39% of the Global Carbon Emissions and the HVAC system itself is responsible for 28% of the construction emissions. Therefore, as building services engineers, we must remember our responsibility towards our communities, cities and the region as a whole and seize the opportunity to use our knowledge, wisdom, and experience to make a positive impact.”



Letter to our Readers from CIBSE UAE Chair, 2020/2021

Dear CIBSE UAE Members, Collaborators and Partners.

Just one month ago I was given the tremendous honour of being inducted as the CIBSE UAE Chair. I would like to send a warm thank you to Past President Reid Donovan, the CIBSE UAE board and committee members for your good work. Last year for the first time in the history of the world *Climate Emergency* was declared across the globe and the pandemic changed the way we view *Business, as Usual*.

At CIBSE UAE, we acknowledge and support the measures being taken by the UAE's health authorities to contain COVID-19, and we encourage our valued members, partners and collaborators to stay safe and take care of their health and wellbeing as we readjust to this new normal. When we all get through this period, I am hopeful this experience will strengthen our spirit, communities, businesses and governments.

As the newly appointed Chair for CIBSE UAE, my manifesto is **Designing with a Purpose**. Climate change is a reality that we cannot escape. The State of the world today, presents us a challenge as well as an opportunity to reimagine the business as usual, by the very real threats of climate change. It is not just reacting to the scary negative potential but it's about thinking smartly, acting wisely, and transforming barriers into opportunities. Our decisions today, will impact an entire generation in the future. Therefore, every decision we make today as built environment professionals, especially as building services engineers presents us with an opportunity.

The construction industry is responsible for 39% of the Global Carbon Emissions from Buildings & Construction Activities. The HVAC system itself is responsible for 28% of the construction carbon emissions. Therefore, as building services engineers, every decision we make, we must remember it is an opportunity to use our knowledge, wisdom, and experience to make a difference. As CIBSE UAE chapter we must remind ourselves the role of the CIBSE Regions are:

CIBSE Regions promote the intellectual welfare of members and improve the understanding of building services engineering among other professions and society in general by organising periodic meetings and other activities related to the theme of the built environment.

Therefore, with the new committee our aim is to bring fresh ideas and collaborative platforms for the region as well as work together with our CIBSE YEN Group, SOPHIE, Abu Dhabi Chapter and other potential partnerships.

During our 1st 4 weeks, fantastic milestones have taken place within the region.

- On 3rd June, we had our Annual General Meeting of the year 2020, where our past CIBSE UAE Chair, Reid Donovan handed over the baton to myself and a brilliant new CIBSE UAE and technical Committee was formed.



- On 10th June, I chaired the first committee event in the presence of the entire committee and 300 attendees, for the launch of our Minimum Design Guide. Under the leadership of our past president Reid Donovan, Technical Committee Chair Isaac Coker, the Minimum Design Guidance was launched. Big thank you goes to all our technical and committee members for their time, energy and contribution for the past few years.
- On 11th June, I attended the first CIBSE UK Council Meeting, after few years of absence, as the last time I attended was as elected council member of CIBSE UK.
- On 23rd June we had a Brilliant Committee Goal Setting and Visions workshop, that defined the Strategy for the committee for the next term. More will be shared with the wider CIBSE UAE region in the coming months.
- In the next few weeks, we have strategic meetings set up with industry partners and supporters to understand how we can work more collaboratively and effectively.

To positively affect and drive change, communication is vital. It is essential that we have an ongoing dialogue, not just between the institution and its membership, but across industry. Therefore, my key objective is to strengthen industry partnerships with industry leaders in UAE as well as our partners, non-members, and educational institutions. I have been working closely with our CIBSE UAE committee, technical committee and industry partners to ensure actions are clear, effective and impactful.

Finally, I would like to finish this letter with a quote by Albert Einstein which embodies the spirit of every engineer when he says,

“No problem can be solved from the same level of consciousness that created it.”

I am optimistic that we will all get out of this pandemic phase much stronger than ever.

At present, most of our webinars are now online, CIBSE UAE will actively connect with our membership through our newsletter and social media platform. I encourage our members, collaborators partners and non-members to reach out to our team if they need any information and support utilizing the platform to share knowledge and to connect with each other.

Wishing you all, good health, peace and prosperity.

Warm Regards



Farah Naz FCIBSE CEng
MArch (AA-UK), Estidama PQP, LEED (BD+C), WELL AP



CIBSE UAE Regional Committee for the year 2020-21

CIBSE UAE COMMITTEE 2020 - 2021

Farah Naz
Chair
Buro Happold

Imran Shaikh
Vice Chair
SSH

Isora
Administrative Secretary

Alejandro Falcón Bonilla
Events Organiser & Social Secretary
AECOM

Reid Donovan
Membership Champion
AECOM

Jamie Darragh
Local Authority Liaison Officer
Black & White

Nikoleta Stefanaki
Webmaster/Publicity Officer
AECOM

Conor Moore
Newsletter Champion & Honorary Secretary
AECOM

Marc Lynch
Education Liaison Officer
Buro Happold



CIBSE UAE Regional Sub Committee for 2020-21

Technical Sub-Committee

Chair	Isaac Coker
Member	Reid Donovan
Member	Drew Tinsley
Member	Jim Sebastian
Member	Alejandro Falcon Bonilla
Member	Ashveen Jeetun
Member	Pedro Cadima
Member	Amruta Kshemkalyani
Member	Issam Hammad
Member	Hassan Ali Younes
Member	Pradosh Krishnamoorthy
Member	Kareem Fathy Ibrahim
Member	Bushra Anwar
Member	Sarfraz Daikee

SOPHE

Chair	Giovani Tauckoor
Vice Chair	Adam Smith

WiBSE

WiBSE Representative:	Nikoleta Stefanaki
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Abu Dhabi Chapter

Chair Abu Dhabi Chapter	Dan Williams
Membership Secretary Abu Dhabi Chapter :	Richard Ebrahim
Events/Social Secretary	Mohd AbuBaker

Young Engineers Network (YEN)

YEN Chair	Prabhakaran Gunasekaran
YEN Vice Chair	Fahim Ashraf
YEN Technical Officer	Mohammed Shamroukh
YEN Communication Officer	Nizam Ahmed
YEN Membership Officer	Azra Hussain
Education Liaison Officer	Mohamed Masud Faridi / Chrysatall Thomas
Student Representative	Subiksha Sugumar / Sai Rohit Behara
CIBSE YEN/ASHRAE YEA Liaison	Munis Hameed
YEN Hon Secretary	Jerin Jacob



CIBSE UAE - 2020 Annual General Meeting

The AGM commenced on June 3rd with the new webinar format with the order of business where Reid Donovan addressed the members and announced that he would be stepping down as Chair. Reid acknowledged all the fine efforts made by the team during his tenure.

Farah Naz was advised as the newly elected Chairman of UAE CIBSE, other elected personnel were Vice Chair – Imran Shaikh, Treasurer – Azmi S. Aboul-Hoda and Honorary Secretary – Conor Moore.

The formal presentation of the Chair medallion by Reid to Farah was concluded online with a promise to get the physical medal to Farah as soon as possible.



Conor Moore CIBSE UAE

“I am the Honorary Secretary and Newsletter Champion in the CIBSE UAE Committee.

I strive to raise awareness of CIBSE in the region and promote the value of professional affiliation on the road to obtaining chartership.”



CIBSE UAE - 2020 1st Committee Meeting

The 1st committee meeting with the new committee was held on June 22nd, we were delighted to host the CIBSE president Stuart MacPherson.

The meeting was held as a web meeting and was a great success with a high-level energy and enthusiasm for the year ahead demonstrated by the committee members.



*Alejandro Falcon Bonilla
CIBSE UAE*



During the session, the committee set out our key strategy and goals for the coming year

The committee discussed the plan for the coming year which included several events, extending the reach of the committee

Key themes- Climate emergency, collaboration, Renewables and the application in the region, digital engineering, healthcare, smart buildings, resilient and diligent design, IAQ, share and deliver knowledge sharing, sustainability

“I am Alejandro Falcón Bonilla, Meetings & Events Organizer, Social Secretary in the CIBSE UAE Committee and Member of the CIBSE Technical Committee

I am working to bring selective and high-quality Technical Events in alignment with our evolving Industry demand to drive Technical Excellence practices among our Engineering Community”



YEN Update

The Young Engineers Network have had a busy year and managed to host several successful events

CIBSE & ASHRAE Joint talk



As a part of CIBSEs collaboration with Universities, CIBSE & ASHRAE joint talk was organized at Heriot watt University. An Introduction about Building Services Industry and the role of CIBSE & ASHRAE were presented by Munis Hameed from CIBSE YEN & Carine Saliba from ASHRAE YEA.

General Hydronic Concepts and its application in HVAC Systems

A technical Workshop was organized for Students from Manipal University at IMI Hydronics Training Center. The workshop aimed to provide knowledge to the students on the basic hydronic principles, flow calculations, Static & Dynamic pressure, and hydronic control.



Seismic Application for MEP Systems.

A Webinar on seismic application for MEP Services were organized in liaison with Fischer. Main agenda of the webinar were about the relevant codes and real time applications.





CIBSE UAE Launch of the Minimum design standards

The CIBSE UAE Technical sub-committee (under the chairmanship of Isaac Coker) have put together Minimum Design Guidelines for Mechanical, Electrical and Public Health Services which have been edited by CIBSE HQ.

These guidelines have been written to assist new engineers coming to work in Dubai, Building Services Professionals working in Dubai and also university students studying building services.

The launch of the guides on June 10th via webinar was a great success; the webinar was well attended, and the recorded live session logged over 160 attendees. These included a wide spectrum of people from our local industry including clients, developers, contractors, manufacturers, and of course, our building services design community.

The guides are available on the CIBSE website knowledge portal and are free to all. They are downloadable from the members area.

DGD01: Minimum design standards for mechanical services

DGD02: Minimum design standards for electrical services

DGD03: Minimum design standards for public health services

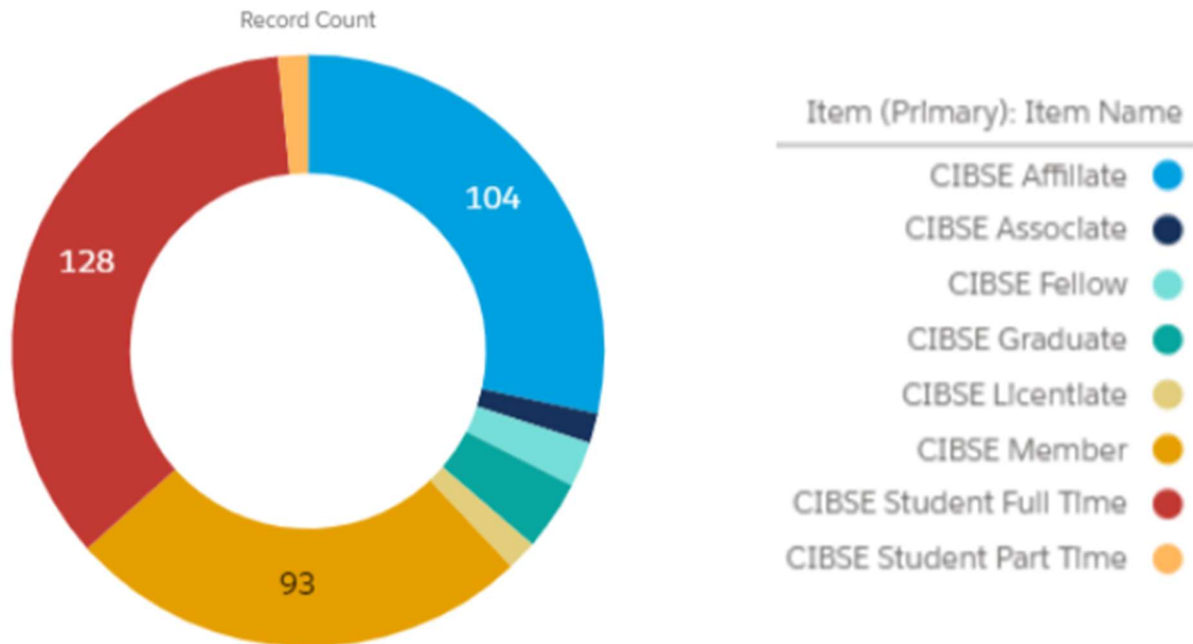
<https://www.cibse.org/knowledge>



CIBSE UAE Membership Update

The current membership statistics as of June 2020 are looking good. The current total membership figures members in the UAE region. This consists of members across all grades

We are aiming to bring this number to 400 over the next 12 months.



Virtual Presentation on The Importance of Building Services in The Construction Industry- Curtin University, Dubai on 22nd April 2020

Imran Shaikh carried out CIBSE U.A.E committee's first virtual presentation to students of Curtin University, Dubai on the topic ***"Importance Building Services in Construction Industry and Role CIBSE plays in student's career development"***.

The presentation aimed to provide knowledge about the building service industry and its importance in architectural, interior and structural design. It also focused on various career paths within the industry, the importance of skills development and the role of professional institutions like CIBSE play in students' careers.

The presentation was well attended, and all the participants have enrolled into CIBSE's student membership.

The CIBSE official student's chapter launch is planned for September 2020



Imran Shaikh, CIBSE UAE - Vice Chairman

"Vision

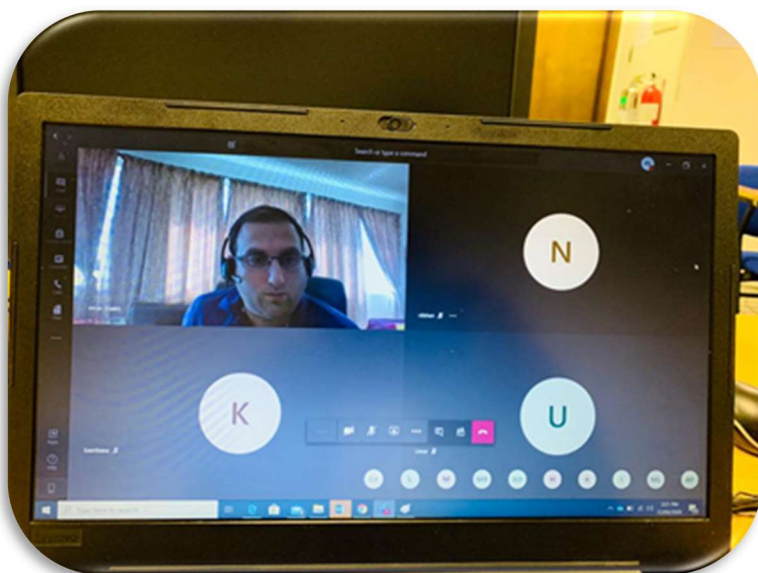
Grow CIBSE presence in the region on the technical, educational and membership aspects.

My key goals are:

To ensure Smooth operation of all the planned CIBSE activities in the region

Provide support to the committee/ subcommittee members to help them achieve their goals and visions.

Set up CIBSE Technical Conferences, e-Learning course and Student Design Competition."



Committee Members News!

The festival of BIM & Digital Construction - Webinar

THE FESTIVAL OF
**BIM & DIGITAL
CONSTRUCTION**
MAY 6TH - JULY 10TH

THE WORLD'S LARGEST VIRTUAL
CONSTRUCTION EVENT

- 1000'S OF GLOBAL ATTENDEES
- 100+ WEBINAR SPEAKERS
- CPD-ACCREDITED

WATCH ON DEMAND
WEBINAR 31

“**OPENBIM/STANDARDS
GLOBAL ADOPTION**”

Mahmoud Charif, Bsc(Arch)
BIM Manager & Senior Architect

**BLUEHAUS
GROUP**

REGISTER & YOU WILL BE DIRECTED TO THE RECORDED SESSION

FREE TO ATTEND: WWW.FESTIVALOFDIGITALCONSTRUCTION.COM

Our CIBSE UAE Technical Committee member Mahmoud Charif, Presented at the festival of BIM & Digital Construction for two sessions

The Digital Construction Gurus in The Middle & Open BIM & ISO Standards Global

Both sessions went well, having well recognized and experienced professionals within the discussion, provided an excellent insight and a very positive outcome to all questions whether was from the presentation or from the audience.

Transitioning Towards a Digitalized Future webinar.

AECOM

**MEP MIDDLE EAST
CONFERENCE 2020**

DATE | 24 JUNE 2020

**PANELIST: TRANSITIONING
TOWARDS A DIGITALIZED FUTURE**

Reid Donovan
Technical Director MEP
Middle East

aecom.com

Reid Donovan participated as a panellist at MEP Middle East's Virtual Conference, on 24th June. The Panel Discussion: *Transitioning Towards a Digitalised Future* was well attended with the following themes explored:

Exploring technology and innovative approaches in the digital design process

Adapting to new ways of working as a result of COVID-19

How the industry can move forward and integrate digitalisation into future projects

Upskilling the workforce in digital technologies to allow automation and quick delivery of results



Past Events

CIBSE UAE are now using “EVENTBRITE” as the platform to create professional event ticketing and registration pages for all UAE events, this will enable the ability to manage and analyze our events and access real-time check-in data, but also has the function to manage and promote 24/7.

For access to past and future events follow the links below:

<https://www.eventbrite.com/o/cibse-yen-uae-12199956050>

<https://www.eventbrite.com/o/sophe-uae-13709689723>



July

Region: CIBSE UAE

Where: Webinar

When: 2nd July, 2020

What's on: Hydronics equipment and controls design for cooling & heating systems

July

Region: CIBSE UAE

Where: Webinar

When: 21st July, 2020

What's on: COOL THE CLOUD - A walk through of different Data Center thermal technologies through a live case study

August

Region: CIBSE UAE

Where: Webinar

When: 6th August 2020

What's on: Refrigerant Safety in Buildings



Upcoming Events for your Diary

August

Region: CIBSE UAE - YEN

Where: Webinar

When: 19th August, 2020

What's on: AC Performance Standards & local Regulations: Fundamentals and Insights

August

Region: CIBSE UAE

Where: Webinar

When: 26th August, 2020

What's on: Healthy Buildings 2020



Social Media

CIBSE UAE SOCIAL MEDIA:

We would ask our members to kindly follow us on social media to keep up to date with our talks and events.

To Get more information about our committee:

CIBSE UAE Webpage : <https://www.cibse.org/networks/regions/united-arab-emirates>

Meet our Committee : <https://www.cibse.org/networks/regions/united-arab-emirates/uae-committee>

Please follow us on:

CIBSE UAE LinkedIn Page : <https://www.linkedin.com/company/cibseuae/>

CIBSE YEN UAE LinkedIn Page : <https://www.linkedin.com/CIBSEYEN-UAE>

Twitter: <https://twitter.com/UaeCibse>

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