ACES CORENET X
Lunchtime Talks

ASSOCIATION OF CONSULTING ENGINEERS SINGAPORE

corenet X

Date:	**21 August 2023 (Monday)**
Time:	**12.00 pm to 2.00 pm**
Mode of Delivery:	Online via Zoom
Fee:	Complimentary for ACES Member
CPD:	**2 PDU**

Registration link and QR Code
https://us02web.zoom.us/meeting/register/tZIscuirrDMrHND1OnaS8-oYzu_6ZAhO9WR4

TOPIC & AGENDA

ACES is organising a short online lunchtime talks for CORENET X. In this session JTC, Squire Mech and Arup are invited to share with members their sandbox project and their experience with Revit and IFC-SG.

Time		TOPIC	SPEAKER
12.00 pm to 12.10 pm	10 mins	Introduction on Sandbox initiative	BCA
12.10 pm to 12.50 pm	40 mins	Loyang Drive North 66kV Substation	Mr. William Quah (JTC)
12.50 pm to 1.20 pm	30 mins	Sharing of CORENET X trial with BCA (MEP)	Mr. Joseph KOH (Squire Mech)
1.20 pm to 2.00 pm	40 mins	Implementation strategy for CORENET X JTC Trendspace	Ms. Khin Maw Maw (Arup)
2.00 pm		End of Session	

THE SPEAKERS

1. **Loyang Drive North 66kV Substation**

   Synopsis
   This is a JTC in-house design project and the C&S team had prepared their BIM model for Corenet X submission. William will share on some lessons learnt, and some workflows and tools developed for the process.

   William QUAH
   Senior Engineer, Civil & Structural Engineering Dept 3,
   Technical Services Division
   JTC Corporation

2. Sharing of CORENET X trial with BCA (MEP)

Synopsis
This session is a sharing of the recent trial of the IFC-SG parameters Squire Mech has with BCA.
The project is mixed development that consist of retail, office, residential and hotel at 8 Shenton Way.
The talk would include the steps needed to add the parameters to the project and its best practices.

Mr. Joseph KOH Song Bor

Joseph is BIM Manager of Squire Mech. He was part of the BCA's BIM MEP Manager Workgroup (2015-2016) and contributed to development of the BIM Essential Guide for MEP Consultant.

He contributed regularly to the Build Environment (BE) through feedback on trial of PUB e-checker (2020-2021- PUB)
Feedback on iNPQS BIM pluggin (2020-2021 - iNPQS)
Computational BIM Automation software development (2020-2022 - ACES)
Feedback on the Common Data Environment (CDE) (2021-2023 - BCA)
Feedback on Corenet-X (2022-2023 - BCA)

He occasionally gives talk as an invited speaker on BIM
ACES Seminar 2022 (MEP) on Common Data Environment
Autodesk APAC webinar (2022) on BIM Collaboration

He is a member of the BE digitalization Community of Practice (CoP) Manpower and Enabler work group organized by BCA. The CoP aims to accelerate BE digital transformation and raise the professionalism and prominence of digital leaders.

He has recently obtained Tier 1 Digital Delivery Management (DDM) accreditation by buildingSMART Singapore.

3. Implementation strategy for CORENET X - JTC Trendspace

Synopsis
Arup Singapore is received the opportunity to test out the CORENET X for JTC Trendspace which is a multidisciplinary project for Structural and MEP. We would like to share how to implement CORENET X (IFC-SG) requirements for the organization.
As a company, the implementation of CORENET X at organizational level is not an easy step to achieve. There are different agencies requirement in BIM for CORENET X. Although BCA has provided complete supporting documentation, Revit family, procedures, and training materials, we still have to follow Arup BIM Standard which is based on the Arup global guidelines.
We would like to share what we can do to overcome the difference in BIM to meet both the BCA CORENET X requirement and the Arup BIM guidelines.

Ms. Khin Maw Maw
BIM Manager, Arup Singapore

Maw Maw has a keen in developing BIM standards, Innovative technologies in BIM and quality drawings production.
Maw Maw joined Arup in 2015 and has over 19 years working experience in Mechanical & Electrical services in Singapore, Sydney, Malaysia, Myanmar. She is passionate about producing high quality models to facilitate information sharing, geometric coordination, presentation and production of quality drawings.
Maw Maw has worked on delivery as well as management of BIM environment providing strategies for public and private sector companies to introduce BIM. I have experience in model validation and coordination with the competent understanding of all engineering systems.