ICE Oman Learned Event

Sustainability in Buildings Design / Construction

Tuesday 13 December – 6pm GST
Location: *Online Microsoft Teams*

Click here to register

E: Middle.East@ice.org.uk

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Sustainability in Buildings Design / Construction

Speaker's Biography:
Hussam Al Balushi, MSC, CEng MICE Int PE (UK), PMP, CMEngNZ
Civil Engineer at Petroleum Development Oman

Eng. Hussam is a civil engineer with 10 years' experience in the built environment covering construction, project management and civil engineering design in both oil and gas and infrastructure/real estate aspects. He has worked previously in oil and gas projects in interior regions of Oman covering construction of civil related structures and was a project engineer within PDO's real estate project RAHDP where he led the delivery of LEED certified project due to the sustainability aspects incorporated in design and construction.
He has completed his MSc in structural engineering from University of Manchester – UK and Bachelor of Engineering from UTAS – Oman. He is a chartered civil engineer with the ICE and registered engineer with the UK engineering council and a registered International Professional Engineer (Int PE). He also is chartered with engineers New Zealand and have PMP certification in project management. He is also an ICE mentor and an approved ICE reviewer for those applying to become professionally qualified.

Overview:

Sustainability is a broad topic that covers social, economic and environmental aspects. This learned event will focus on:

- Origins of sustainability, its definition and importance to civil engineers.
- What are international sustainable development standards and associated green building accreditations.
- Building solutions that engineers can embrace early in the concept design of buildings to optimise on sustainability aspects of buildings.
- Design/construction solutions that are used in practice in the GCC and worldwide to reduce environmental impact and maintain sustainability.
- Embodied carbon and applicable standards for sustainability assessment of buildings.