

## **BOARD TECHNICAL LEAD - TAN YOONG HENG**

	<p><b>TAN YOONG HENG</b> Board Technical Lead <i>Singapore Green Building Council</i></p> <p>Singapore Country Leader <i>Arup Singapore Pte Ltd</i></p>
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Er. Tan Yoong Heng is the Singapore Country Leader and a member of the Australasia Region Board at Arup, a global sustainable development consultancy. Committed to achieving net zero as an organisation by 2030, Arup has been leading innovative low-carbon design, masterplanning and studies in Singapore including the Redevelopment of Golden Mile and South Beach as well as smart and sustainable precincts such as Jurong Lake District (JLD) and Woodlands North Coast.

Working with Arup since 2007, Yoong Heng brings 25 years of in-depth knowledge and experience to rethinking infrastructure, masterplanning and sustainability by engineering in Singapore and Southeast Asia. A civil and structural engineer by training, his key involvements in nationally significant projects include MRT projects along the Downtown Line and Thomson-East Coast Line, underground space planning, a sustainable planning framework for the Changi East Development, and coastal adaptation and resilience projects to combat the effects of sea-level rise. Yoong Heng was also on the team of specialists that developed a high-density and mixed-use concept masterplan for JLD around the proposed high-speed rail terminus in Singapore.

For his contributions to underground development in Singapore, Yoong Heng has received numerous accolades from various organisations including Singapore's Building Construction Authority (BCA), Land Transport Authority (LTA), Institute of Engineers Singapore (IES), Association of Consulting Engineers Singapore (ACES), and Institute of Structural Engineers Singapore (ISES). In 2018 and 2020, Yoong Heng was recognised as one of the Professional Engineers whom the BCA commended for smart, cost-saving, safe and sustainable engineering excellence.

Yoong Heng recognises the power of purposeful partnerships and knowledge sharing in addressing the complexities of climate change. In 2022, he was invited to speak about Arup's net zero transition and exemplary projects at a programme by the Cambridge Institute for Sustainability Leadership (CISL). Yoong Heng was also instrumental in Arup's launch of the Centre for Climate Action in Cities supported by Singapore's Economic Development Board in 2023.

Yoong Heng holds a Master's in Civil Engineering from the National University of Singapore (NUS) and completed post-graduate courses at the Imperial College Business School, The Massachusetts Institute of Technology, University of Washington and the Nanyang Technological University. He is a senior member at several engineering associations and committees including the NUS Civil and Environmental Engineering Departmental Consultative Committee, HDB Civil and Structural Engineering Advisory Panel, Pro-Enterprise Panel with the Civil Service & MTI, BCA-ACES-IES Dialogue Committee, and is an adjunct lecturer for the BCA Academy and Singapore Institute of Planners.