

**Dr Gwee Tat Meng, Evan**

School of Civil and Environmental Engineering

B.Eng / Class of 1996

M.Sc / Class of 2003

In recognition of his contributions to shaping Singapore's transport ecosystem, the School of Civil and Environmental Engineering (CEE), Nanyang Technological University, is proud to present Dr Gwee Tat Meng, Evan with the CEE Outstanding Alumni Award.

Dr Gwee joined the Land Transport Authority (LTA) as a fresh graduate in 1996 and is today Director of LTA's Academies Sub-Group, which oversees two academies: the LTA Academy (LTAA) and Singapore Rail Academy (SGRA).

As the LTAA's Dean, Dr Gwee is at the forefront of the academy's drive to curate and deliver training courses for LTA officers. He also oversees its collaborations with external institutions like the World Bank and The International Association of Public Transport (UITP), to conduct programmes to share Singapore's know-how in urban mobility.

As Executive Director of the SGRA, Dr Gwee is instrumental in driving railway research and training to raise the professionalism of Singapore's rail industry, via collaboration with Institutes of Higher Learning (IHLs), public transport operators and industry partners.

Previously, Dr Gwee oversaw the LTA's Transport Research Division and was Co-Director for all four Transport Research Centres that the LTA set up with NTU, the National University of Singapore (NUS), Singapore Institute of Technology (SIT) and Singapore University of Technology and Design (SUTD) to facilitate research collaboration.

As Co-Director of the Transport Research Centre @ NTU (TRC@NTU), Dr Gwee chaired regular workshop sessions for LTA to share problem statements with NTU and facilitated research collaborations between the two entities. Since its inception in 2015, the TRC@NTU and LTA have already collaborated on more than 30 research projects, many of which have helped to provide solutions to address today's problems and tomorrow's challenges to keep our land transport system going safely and smoothly.

In his 25-year LTA career, Dr Gwee has made countless contributions to shaping Singapore's land transport ecosystem. This includes some 15 years with its Policy and Planning Group, where he was involved in the review of several land use Concept and Master Plans. Dr Gwee was also involved in the planning of various strategic road and rail projects such as the Circle Line and the MRT extension to Joo Koon.

He also oversaw the LTA's Travel Smart Rewards programme between 2014 – 2016; the programme looks to ease peak hour public transport congestion issues via softer measures, such as cash rewards to commuters, and grants to firms if they implement schemes to boost off-peak travel amongst their employees. As the ex-Head of LTA's EV unit, Dr Gwee previously led LTA's effort to roll out the national BlueSG EV Car-Sharing Programme between 2016 and 2020.

Dr Gwee has twice been honoured at the National Day Awards: with the Commendation Medal in 2015, and with the Long Service Medal (Ministry of Transport) in 2019. He was also awarded an LTA scholarship in 2006 to pursue a PhD.

Today, he shares his knowledge with the next generation by serving as a part-time lecturer with the Singapore University of Social Sciences and Technical University of Munich. Since 2016, he has also taught the Urban Planning and Design course at CEE, receiving good feedback from students.