



Trane Hong Kong Honored with The Association of Energy Engineers Award 2019

Hong Kong, 25 Sept 2019 – Trane Hong Kong was honoured with the Association of Energy Engineers (AEE) Asia-Pacific Rim Regional Innovative Energy Project of the Year Award 2019 yesterday in Washington D.C., USA. The aim of this Award is to recognize innovative energy projects in Asia-Pacific Rim Region that have been in operation for at least 6 months and can be substantiated with actual installation costs and operating savings.

This year, the "Strategic Energy Project for Driving Hong Kong's Climate Action Plan 2030+", pioneered by Trane Hong Kong adopting the leading innovation technology from USA with the very first application of [Trane CenTraVac™ Chillers](#) @HFO R514A in the territory, snatched the award. The HFO chiller offers ultimate superior performance in energy efficiency and sustainability, and thus addressing the F-gas Cap and phasing down needs in Europe. The remarkable energy saving and carbon emission reduction by Trane CenTraVac™ Chillers have been well proven in three specially selected vertical markets, namely non-government organizations (the Happy Valley Clubhouse of the Hong Kong Jockey Club), mixed-use commercial buildings (the Citygate) and institute complexes (the Hong Kong University of Science and Technology). The total electricity saving for this project is 2,837 MWh/year which represents the reduction of 1,986,500 kg CO₂/year (equivalent to the planting of 86,370 trees). For comparison, the average energy saving for individual building in this project (946 MWh/year) is much higher, nearly triple the target annual energy saving of air-conditioning system per commercial building (285 to 380 MWh/year), as set out in our "Hong Kong's Climate Action Plan 2030+".

[Trane TRACE™ 700](#), an award-winning design-and-analysis software program, which meets requirements for simulation software set by ASHRAE Standard 90.1-2004 and LEED® Green





Building Rating System, has been utilized in this project. The results of the energy saving simulations, as validated by the owner's engineer, were highly accurate and encouraging.

"It is a great honor to receive this international award on behalf of our team. This is a high recognition of Trane's innovative technology in energy efficiency and its application." said **Frankie Chan**, Managing Director of Trane Hong Kong. "Our strategic energy project result is extremely motivating and it certainly illustrates the effectiveness of the application of innovation and technology solutions in pushing forward the energy saving and climate action as well as generating maximum return on investment."



Frankie Chan, Managing Director of Trane Hong Kong (Center) receives the AEE Award from Bill Kent, Executive Director of AEE (Right) and Lori Moen, President of AEE in Washington D.C., USA.

Trane Hong Kong

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12/F, Manhattan Centre, 8 Kwai Cheong Road
Kwai Chung, New Territories
Hong Kong



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For enquiries, please contact Ian Leung of our Marketing and Communications Department at ian.kk.leung@iec.com or 3128 4704.