MEINHARDT
30th ENGINEERING EXCELLENCE IN THAILAND

December *Update*

MEINHARDT IN FOCUS

With our industry powering back to full strength, I was interested to discover at this quarter's Meinhardt Group Global Board meeting, the vast differences in the operational constraints between the various country offices within Meinhardt. With Bangkok office virtually back to normal (while maintaining 1 day/week WFH long-term) and in-bound travel quite free now, we have Manila office still fully WFH, Yangon office better vaccinated (100%) than Brisbane office and Singapore and Hong Kong like fortresses to visit. Australia is blocking interstate office visits, London office is back to pub lunches and surprisingly our Dubai office is benefiting from the UAE's change of weekend to be Saturday and Sunday, greatly simplifying inter-office collaboration with the rest of the Group globally.

I am pleased to announce that **we are opening a Tokyo office from 4th January 2022,** which will be a pleasure to visit as I haven't been back since working there as a Structural Earthquake design specialist in the early 80's – a wonderful experience for a young engineer. We see this will be a great boost to our extensive collaborations with Japanese corporations and construction companies throughout the region, especially here in Bangkok.

John Pollard
Managing Director - Meinhardt Thailand
Group Regional CEO - South Asia

PROJECT IN FOCUS

The **"ESSE Sukhumvit 36"** is a luxury residential development by Singha Estate Public Company Limited in joint venture with Hongkong Land, a leading listed property investment, management & development group from Hong Kong. The project was completed in September 2020. The project is situated in the true heart of the city on the main Sukhumvit road next to Thong Lo BTS Skytrain Station. Meinhardt Thailand provided both **Civil & Structural and MEP Engineering Design** services to the project.

STAFF IN FOCUS

NUTTHARIN CHAIPAKDEE (GIFT), Senior Mechanical Engineer, M.Eng. Specializing in mechanical ventilation and air conditioning (MVAC) systems, Nuttharin is a mechanical engineering designer and a project coordinator. She has many years experience in both local and international projects including 5 stars hotel, Michelin stars restaurant, LEED office building, luxurious condominium & residential etc. Nuttharin is interested in combining engineering with art. Blending engineering and artistic thinking, she can discover innovative ways to solve problems. Nuttharin revels in finding unique, out of the box solutions. She works well together with clients, architects, interior designers and other parties. She always aims to incorporate sustainable design, seeking to reduce negative impacts on the environment by optimizing consumption of power, finding a balance between good engineering and energy saving.

"Your expertise is a powerful gift. Take a look at yourself and seek to find what you are truly good at. Use these skills and align work with your passions. If you do it well, you will increase happiness at work. Art and culinary arts are my passion. Therefore, I love the combination of art, creativity and engineering. When introduced to a problem, I apply it with an engineering knowledge, but with creative passion. This is the foundation of everything I do, both professionally and personally".

gift.cooking

Nuttharin Chaipakdee (Gift)
Senior Mechanical Engineer

FACT IN FOCUS

Most buildings today are automated with several smart systems. A Smart Building should aim to integrate and tie different systems (ie. Lighting, security, HVAC, energy) together and sharing information between systems. Integration of those systems and sharing of big data will enable more intelligent building functions such as switching off the light or A/C when no occupancy rather than waiting for the timer preset. IOT sensor technology will be employed to gather more data. With the analyzed data, Smart Building will capable to optimize building revenue, improve operation and enhance occupant experience. Wireless Smart Devices/Phones will be used to enhance system control capabilities over the convergent IT network.