

MEINHARDT IN FOCUS

Following the devastating effect of COVID on the tourism sector, projects in the hospitality sector slowed down. However, we are now seeing encouraging signs that this sector is on a resurgence with a strong number of enquiries and recovery expected over time. The industrial sector continues to outperform other sectors - with continued strong recovery, both in the Thai and regional market. Other new emerging sectors such as the digital economy are also attracting huge investment. **We have seen several new startups for data centers and manufacturing projects, and the green-tech industries such as renewable energy and EV's (electric vehicle).** Building on Meinhardt's strong track record in the aforementioned sectors, we look forward to these opportunities and are in good position to support our client on any such projects.



*Chen Yao Hui
Director
Meinhardt Thailand*

PROJECT IN FOCUS

BGRIM Wind Turbine – The operation of wind farms is part of B.Grimm's strategy to ramp up electricity production from clean and renewable energy sources. B. Grimm's new **16-megawatt wind farm project** is now fully operational and supplying green energy to the national grid. The wind farm is located in the Northeast of Thailand, in Chaiyaphum, and was completed in 2020. **Meinhardt provided Civil & Structural engineering and site supervision to this project.**

STAFF IN FOCUS

Khun Savaphak Sunnananda, Senior Mechanical Engineer, joined Meinhardt in 2013. She holds a Bachelor's degree in Mechanical Engineering and a Masters of Science in Medical Engineering. She has experience in the design of various types of projects such as Commercial, Residential, Hospitality, and Industrial, in Thailand, Pakistan, Myanmar and The Maldives. Recently, she was involved in a specialized battery factory project, for the production of batteries for EV vehicles.

"This year is my 9th year anniversary working at Meinhardt (Thailand). I feel honored to be a member of this great team. During my time at Meinhardt I have worked on many great and challenging projects. Thanks to Meinhardt's flexible work arrangements, I have managed to maintain a good work-life balance, both as a mother and senior engineer."



*Savaphak Sunnananda
Senior Mechanical Engineer*

FACT IN FOCUS

EV's (both plug in and hybrid forms) are quickly moving from a niche to a norm. China is leading the way, with >3.5million EV sales alone in 2021, followed by Germany (>680k), then the USA (>607k). Europe (EU) bought >2.3m EV's in 2021 and in Norway over 86% of new car sales in 2021 were EV's. Fully electric EV's have no tailpipe emissions, however some question if they are worse than ICE (Internal Combustion Engine) cars due to the emissions from fossil fuel power stations. Even accounting for coal and natural gas emissions, research shows that EV's result overall in less greenhouse gas emissions. With the growing adoption of renewables such as wind, solar, and hydro-power, the case for EV's grows stronger every day. Renewables now cover 39% of the power mix in the EU, 28% in China, 24% in Australia, 23% in India, and 20% in the USA, Russia and Japan.