



# June Update

## MEINHARDT IN FOCUS

Thailand is in the list of top 25 Greenhouse Gas Emitting Countries and is also one of the countries that have ratified the Paris Agreement. Thailand aims to adopt policies to achieve 100% renewable energy by 2050.

Meinhardt, as an engineering firm, has long seen the threats of global climate change and the importance of embracing **environmentally sustainable design (ESD)**. We drive awareness and are committed to providing environmentally friendly solutions. Our ESD team includes **accredited Green Mark and LEED professionals** whose aim is to design and promote environmentally beneficial solutions and technologies.

“The most simple ways we can all reduce Greenhouse Gas Emissions and reduce our carbon footprint are; Consider Transportation alternatives; Use Energy-Efficiency products; Provide controllers & tools to manage Energy; Use local products & Reduce, and Reuse, Recycle & Compost waste.”



Boonchon Tuntirattanasoontorn  
Director, LEED AP



## PROJECT IN FOCUS

A long-established client, Schlumberger is the world’s leading provider of technology for drilling, production and processing to the oil and gas industry.

**Schlumberger Hat Yai Integrated Base (HIB)**, located in Hat Yai, Songkhla is the company’s first purpose-built factory for supporting high temperature drilling in the gulf of Thailand.

A state of the art facility, Meinhardt was the Lead Consultant providing Architectural, ESD, C&S, MEP engineering design services for Schlumberger. Achieving LEED “Certified level”, Meinhardt was responsible for the LEED Project Administration, Energy Simulation and Commissioning Authority (CxA) roles for the 2,500 sq.m. office space within the new base.

## STAFF IN FOCUS

**Matthew Silvester**, Associate Director holds 15 years of experience. Based in our Bangkok office, he runs one of Meinhardt Thailand’s largest M&E teams.

Matthew is a Chartered Engineer, originally from Ireland. He has worked on projects throughout Thailand, Myanmar, Malaysia, Cambodia, Bangladesh, the UK and Ireland. He started off as a Mechanical Engineer and can lay claim to being the youngest person ever to become a Fellow of the Chartered Institute of Building Services Engineers (CIBSE).

On July 5, Matthew will be one of several guest speakers at the Council on Tall Buildings and Urban Habitat (CTBUH) Thailand event to be held at the Grand Hyatt Erawan where he will deliver his talk on the M&E aspects of building “*Tall & Green*”.



## FACT IN FOCUS

Did you know that: LEED v4 is the newest version of the LEED green building program. LEED v4 expands the rating system to include more building and renovation types to feature **21 different market sector** adaptations. The goal is to address the unique needs of specific types of buildings and to remove barriers so more facilities can participate in LEED. The new version includes: Existing schools, Existing retail, Data centers, Warehouses and distribution centers, Hospitality, Mid-rise residential.

Source: "LEED V4 | U.S. Green Building Council". Usgbc.org. N.p., 2017. Web. 9 June 2017.  
Danhour, Ryan. "What'S New In LEED V4: Big Picture Changes, Updates For Building Design And Construction | Stellar Food For Thought". Stellarfoodforthought.net. N.p., 2017. Web. 9 June 2017.

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