



## July Update

## MEINHARDT IN FOCUS

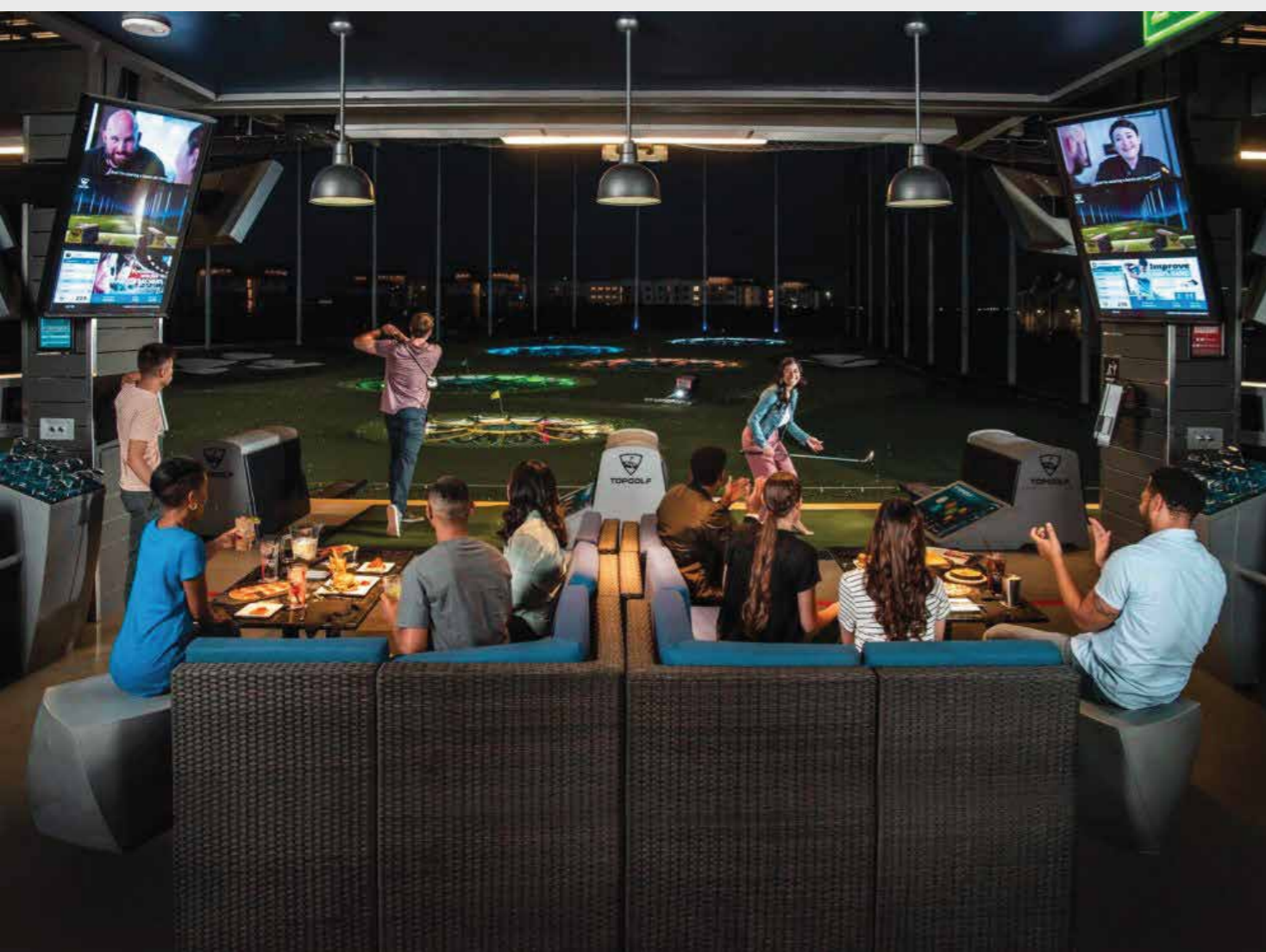
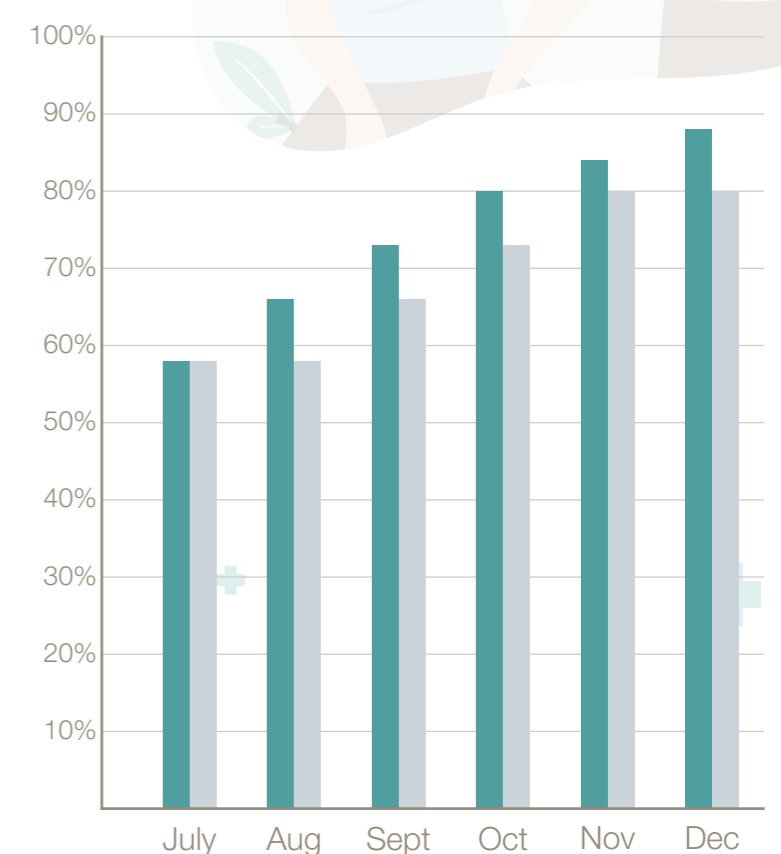
Working from home has its benefits. Less time commuting, not maintaining a professional wardrobe, reduced pollution from road traffic. But humans are social by nature, and for some, the lack of interaction with coworkers or the inability to have face-to-face coordination meetings is an unwelcome consequence. As the vaccine is gradually rolled out, we hope to see a return to normality soon and we are pleased to report that **over 50% of our staff are now either fully vaccinated or have received their first dose of a COVID-19 vaccine.** We expect that number to exceed 80% by the middle of Q4.

Matthew Silvester  
Director - Meinhardt Thailand

50%

of our staff in the Bangkok office have received the first dose of a Covid-19 vaccine.

Best Case  
Worst Case



## PROJECT IN FOCUS

TG SEA Development Pte Ltd, an authorized developer of global entertainment leader **Topgolf Entertainment Group**, is bringing the Topgolf experience to Bangkok. The project is located on a 29 Rai site, adjacent to Megabangna, Thailand. The new **Topgolf Megacity** will be the first Topgolf entertainment complex in Southeast Asia and will feature 98 hitting bays with analytics technology, bars and restaurants, and large event facilities.

Meinhardt is providing **Civil and Structural and MEP engineering design services.** Topgolf Megacity is expected to be completed in the second quarter of 2022.

## STAFF IN FOCUS

This month we feature **Kunyarutn Munprasit**, Senior Sanitary Engineer. Khun Kunyarutn has 14 years of experience in designing sanitary and fire protection systems. Prior to joining Meinhardt, she obtained a Bachelor of Engineering in Environmental Engineering from Chulalongkorn University, Bangkok. Her professional experiences covers all kinds of development including commercial, residential, hotel&resort, industrial buildings and also mixed-use development. This includes this month's featured project, Topgolf Megacity.

"It is exciting to be part of this unique project and the first ever Topgolf entertainment complex in Southeast Asia. The Meinhardt engineering design team always work hard to understand each project's brief so as to provide the most suitable design."



Kunyarutn Munprasit  
Senior Sanitary Engineer

## FACT IN FOCUS

After long periods of inactivity, M&E systems should be checked and cleaned before restarting to ensure the health of building occupants and to avoid damage to systems or finishes. Here are some tips to consider:

- Check wastewater treatment plant and restart the biological process if necessary;
- Flush hot & cold-water systems by running all taps and flushing toilets / urinals;
- Check p-traps and floor drains have not dried out;
- Test swimming pool & spa water quality such as pH, residual Cl<sub>2</sub>, clarity, etc.
- Warm compressor oil 12-24 hours prior to restarting chillers and clean cooling tower basins;
- Before thoroughly cleaning rooms and surfaces:
  - Check all ductwork (particularly kitchen ducts), cooling coils and condensate trays for fungus and mold;
  - Run all ventilation systems to purge stale air, then clean all air filters.
- Soft start the AC and pre-cool the building to avoid thermal shock or condensation issues;
- Exercise the generator(s) and pressurization fans;
  - Test emergency lighting, exit signs, fire alarm, security and access control systems.