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Nemetschek Group and NTU Singapore Partner to Advance AI for Sustainable Construction

Munich/Singapore, October 16, 2025 – The [Nemetschek Group](#) and [Nanyang Technological University, Singapore \(NTU Singapore\)](#) today announced a transformative strategic partnership. Nemetschek, a global leader in software solutions for the AEC/O and media industries, and NTU Singapore, a leading research institution in sustainable, intelligent construction and AI-enabled design-to-operations workflows, are partnering to accelerate the translation of cutting-edge research into deployable solutions that enhance productivity, resilience, and sustainability across the built world.

The partnership was formalized in a signing ceremony between Professor Ho Teck Hua, NTU President, and Mr Yves Padrines, Chief Executive Officer of the Nemetschek Group.

Accelerating Intelligence and Sustainability

The partnership brings together Nemetschek's integrated software ecosystem with NTU's expertise in physics-informed AI, microclimate modeling, generative design optimization, and AI safety frameworks. Joint workstreams will focus on turning frontier research into practical applications that address urgent industry needs in performance, climate responsiveness, and risk management.

"This partnership exemplifies how we are imagining the way the world builds," said Charlie Sheridan, Chief AI & Data Officer, Nemetschek Group. "Through dedicated forums and workshop series with NTU, we are co-shaping research agendas that keep the industry ahead of transformative trends in AI, sustainability, and industrialized construction, delivering immediate value through practical, high-impact AI applications."

Professor Lam Khin Yong, NTU's Vice President (Industry), highlighted the strategic significance: "This collaboration pairs NTU's strengths in science and technology, and proven track record in research translation, with Nemetschek's global innovation platform to accelerate adoption not just in Asia-Pacific. By validating new methodologies in live projects and integrating them into curricula, we will speed up climate-responsive design, embodied carbon intelligence, secure AI frameworks, and industrialized construction practices."

Expanding a Global Innovation Network

The NTU partnership builds on Nemetschek's recent collaboration announcement with [Stanford University's Center for Integrated Facility Engineering \(CIFE\)](#), establishing a growing university-industry network that sets new benchmarks for technology adoption, talent development, and measurable industry impact. This network underscores Nemetschek's commitment to innovation at the intersection of academia and practice.

"At Nemetschek, the greatest transformation happens when human

intelligence combines with artificial intelligence to push the boundaries of what's possible," said Marc Nézet, Chief Strategy Officer and Chief Division Officer Operate & Manage at Nemetschek Group. "Our partnership with NTU is a testament to Nemetschek Group engagement in Singapore and the broader Asia region. It showcases a new model for how universities and industry leaders can co-create solutions that benefits society, advance sustainability goals, and drive economic growth. Leveraging AI-based research to enhance environmental engineering innovation, advanced construction material knowledge, and offsite construction is the essence of the NTU-Nemetschek collaboration."

Empowering Future Industry Leaders

The collaboration strengthens the Nemetschek Global Academic Program (NGAP), connecting students and educators with industry-leading technologies to prepare the next generation of AEC/O professionals for an AI-driven, data-centric future. Research in climate intelligence, generative design, and secure AI deployment will feed directly into learning pathways and connect with the Nemetschek AI & Data Innovation Hub to deliver real-world applications.

The initiative will offer mentorships, advanced lab experiences, and project opportunities that bridge academia and industry, giving students and faculty hands-on access to Nemetschek's portfolio while contributing to research that shapes the next generation of digital solutions.

About the Nemetschek Group

The Nemetschek Group is a globally leading software provider for the digital transformation in the AEC/O and media industries. Its intelligent software solutions cover the entire lifecycle of construction and infrastructure projects and allow creatives to optimize their workflows. Customers can plan, construct, and manage construction projects more efficiently and sustainably, and develop digital content such as visualizations, films, and computer games in a creative way. The software company drives new technologies such as artificial intelligence, digital twins, and open standards (OPEN BIM) in the AEC/O industries to increase productivity and sustainability and continuously expands its portfolio, including through acquisitions and investments in innovative start-ups. More than 7 million users are currently using the

customer-focused solutions. Founded by Prof. Georg Nemetschek in 1963, the Nemetschek Group today employs over 4,000 experts globally.

The company, which has been listed in the MDAX and TecDAX since 1999, achieved a revenue of EUR 995.6 million and an EBITDA of EUR 301.0 million in 2024. Since the end of 2024, the Nemetschek Group is certified in accordance with ISO 27001, the internationally recognized standard for information security management systems (ISMS).

www.nemetschek.com

About Nanyang Technological University, Singapore

A research-intensive public university, Nanyang Technological University, Singapore (NTU Singapore) has 35,000 undergraduate and postgraduate students in the Business, Computing & Data Science, Engineering, Humanities, Arts, & Social Sciences, Medicine, Science, and Graduate colleges.

NTU is also home to world-renowned autonomous institutes – the National Institute of Education, S Rajaratnam School of International Studies and Singapore Centre for Environmental Life Sciences Engineering – and various leading research centres such as the Earth Observatory of Singapore, Nanyang Environment & Water Research Institute and Energy Research Institute @ NTU (ERI@N).

Under the NTU Smart Campus vision, the University harnesses the power of digital technology and tech-enabled solutions to support better learning and living experiences, the discovery of new knowledge, and the sustainability of resources.

Ranked amongst the world's top universities, the University's main campus is also frequently listed among the world's most beautiful. Known for its sustainability, NTU has achieved 100% Green Mark Platinum certification for all its eligible building projects. Apart from its main campus, NTU also has a medical campus in Novena, Singapore's healthcare district.

For more information, visit www.ntu.edu.sg

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