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With construction activity accelerating across Southeast Asia, demand for advanced building materials and façade technologies continues to rise. From high-rise developments to large-scale infrastructure projects, the region offers strong growth opportunities for companies in the glass and fenestration sector.

Glasstech Asia & Fenestration Asia 2026 (GAFA 2026) provides a focused platform for industry professionals looking to capitalise on this momentum. Taking place in Kuala Lumpur, the event brings together solution providers and key decision-makers—including architects, developers, façade consultants, and contractors—from across Malaysia and the wider ASEAN region.

Supported by Construction Industry Development Board (CIDB) Malaysia, the exhibition is closely aligned with the region's construction ecosystem, ensuring relevance to current market developments and industry needs.

For companies aiming to establish or strengthen their presence in Southeast Asia, GAFA 2026 presents a timely opportunity to showcase capabilities, build partnerships, and engage directly with the stakeholders driving the region's built environment.

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WELCOME

Amita Natverlal

Hello readers! Welcome to the May/June 2026 issue.

This issue features some exceptional office building design by leading architecture firms.

We also find out the latest flooring trends from renowned industry experts.

Next, we learn how MEP design has evolved in Singapore.

AHRI has established the ASEAN regional office in Singapore. Dom LaVigne, AHRI ASEAN Office Chief Representative tells us more about its mission in an interview.

Enjoy this issue and take care!

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COVER: KEPPEL SOUTH CENTRAL
PHOTOGRAPHER: DANIEL KOH

Adaptavate launches its circular and carbon-negative materials in Asia through collaboration with The GEAR by Kajima

Adaptavate, the UK-based materials innovation company pioneering low-carbon and carbon-negative alternatives to conventional wallboard and plaster, has marked its entry into the Asian construction market through a strategic collaboration with The GEAR by Kajima—the innovation and technology services arm of Kajima, one of Asia's largest and most influential contractors—providing a gateway to deploy its technologies and products across the region.

The collaboration, delivered through The GEAR Startup CoLab Programme, provides Adaptavate with a powerful platform to introduce and scale its technologies and pioneering products across the region.

With Asia accounting for around half of global construction activity and experiencing rapid growth in demand for low-carbon, circular, healthy materials, Adaptavate sees the region as a key driver of its international expansion.

As part of this collaboration, Adaptavate unveiled its first demonstration in Asia at The GEAR building in Singapore, an exclusive showcase highlighting how its circular, carbon-negative materials can integrate seamlessly into regional construction systems without requiring changes to existing workflows or installation methods.

The showcase featured Adaptavate's Breathaboard, Breathaplasta and Carbonboard, giving stakeholders across the value chain a firsthand look at how these products perform in regional construction environments and climate conditions.

Adaptavate was selected last year for The GEAR Startup CoLab Programme, following strong alignment with Kajima's strategic focus on sustainable construction, materials innovation, and reducing embodied carbon in the built environment.

This first installation establishes a platform to:
- Generate real-world performance evidence
- Build market confidence in biobased, carbon-negative construction materials
- Pave the way for early commercial adoption across the APAC region as the world's fastest growing construction market

In fact, Adaptavate has confirmed an upcoming high-profile project in Asia, in partnership with a multi-national, and is actively exploring local production and supply-chain partnerships to deploy its technologies at scale. Establishing regional manufacturing capacity will enable Asian markets to benefit fully from Adaptavate's pioneering circular and carbon-negative materials.

Tom Robinson, CEO & Founder of Adaptavate (first person on the left) unveiled the company's first demonstration in Asia at The GEAR building in Singapore. Photo credit: Adaptavate

Tom Robinson, CEO & Founder of Adaptavate, said: "Decarbonising construction at global scale requires materials that are high-performance, low-carbon or carbon-negative, and genuinely drop-in. This installation shows how Adaptavate's products can integrate into Asian construction systems today—without disruption—while delivering healthier, lower-carbon buildings. We are excited to deepen our collaboration with Kajima and the other partners and actors in the market and build further partnerships across the region to bring our technologies and products to market."

Beth Henderson, Lead, Innovation and Commercialisation, The GEAR by Kajima, said: "Our mission is to bridge the gap between technology development and real-world commercial use. Adaptavate's approach to carbon-negative and circular construction materials addresses a critical need in the sector, and this first wall in The GEAR demonstrates the very real opportunity for solutions like these across Asia."

The private showcase was followed by The GEAR's industry event, "Breaking Ground on Sustainable Materials," where Adaptavate presented alongside selected innovators, Kajima's R&D team, investors, government representatives, and industry leaders.

For more information on Adaptavate, visit the website: https://adaptavate.com.

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AHRI signs MOU with the College of Design and Engineering, National University of Singapore to drive data center certification, sustainable cooling, and talent development

Signing ceremony. From left to right: Al Ward, Chairman of AHRIs Global Services Committee; Professor Lee Poh Seng, Head of the Department of Mechanical Engineering, College of Design and Engineering, National University of Singapore (NUS); and Dom LaVigne, Chief Representative for ASEAN, AHRI. Photo credit: AHRI ASEAN

On March 16, the Air-Conditioning, Heating, and Refrigeration Institute (AHRI) ASEAN signed a Memorandum of Understanding (MOU) with the College of Design and Engineering, National University of Singapore (NUS CDE). AHRI ASEAN is a regional office in Singapore representing manufacturers of HVACR and water heating equipment.

The MOU addresses:
(1) **Standards and Certification:** To identify where AHRI's standards and certification programmes can support the development of heating, ventilation, air-conditioning and refrigeration (HVACR)-related data center standards and certification programmes in Singapore. AHRI will also invite NUS faculty to participate in its standards and certification technical committees and working groups.

(2) **Curriculum and Talent Development:** AHRI and its members will work with NUS on strategies to build and attract future talent to Singapore's HVACR industry. Areas for collaboration will include curriculum input, guest lecturers, and the co-development of internship programmes, career fairs, innovation programmes, and student capstone projects.

(3) **Sustainable Cooling for the Tropics:** AHRI and NUS will assess where AHRI can support developments in the Sustainable Tropical Data Centre Testbed (STDCT) programme, hosted on the NUS Kent Ridge campus by the Department of Mechanical Engineering, NUS CDE. STDCT aims to reduce data center energy consumption by over 25 percent, water usage by 30-40 percent, and lower carbon emissions.

The parties will also explore how AHRI can support Phase 2 of the STDCT – a multi-megawatt pilot facility to be developed by NUS and Jurong Town Corporation (JTC). It will be located within a 20-hectare area on Singapore's Jurong Island earmarked for the country's largest low-carbon data center park. STDCT 2.0 aims to test and build capabilities in industrial decarbonization and sustainable digital infrastructure.

Al Ward, Chairman of AHRI's Global Services Committee; Dom LaVigne, Chief Representative for ASEAN; Associate Professor Teo Chiang Juay, Vice Dean, Undergraduate Programmes in NUS CDE; and Professor Lee Poh Seng, Head of the Department of Mechanical Engineering in NUS CDE, signed the MOU.

Representatives from NUS CDE's Department of Mechanical Engineering – Associate Professor Chui Chee Kong, Deputy Head for Undergraduate Programmes, and Associate Professor Md Raisul Islam, an expert in thermal systems – were also present at the signing ceremony.

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Brisbane Stadium location locked in as design forges ahead

In just over two months, the stadium design team from COX Architecture, Hassell and Azusa Sekkei has powered through an enormous amount of planning and analysis — laying the foundations for what will become one of Brisbane's most iconic venues.

Design work on the new Brisbane Stadium is forging ahead with three big decisions now locked in including field size, field orientation and location for the stadium within Victoria Park.

Development of the early concept design for the Stadium, which will host the opening and closing ceremonies and athletics at the 2032 Olympic and Paralympic Games before becoming the city's main stadium after the Games, will continue over coming months but some key aspects have already been agreed upon including:

- The stadium's location in Victoria Park – a central position near Gilchrist Avenue that maximises access to public transport and nestles the stadium in a naturally occurring amphitheatre.
- The field of play size and shape – to be the equivalent of the Melbourne Cricket Ground (MCG), supported by AFL, Cricket Australia, concert promotors and Brisbane 2032.
- Field orientation – east–west configuration after analysis of sun position, winds and legacy operational needs for AFL and cricket.

The proposed siting of the new Stadium will seamlessly connect with existing transport infrastructure and allow it to be embedded into the existing topography.

This position will also reduce congestion in the critical northeast zone of the park where spectator entry points converge.

The east-west orientation for the field of play was settled after workshop discussions with AFL and cricket and analysis of sun position, winds, and the overall stadium footprint. This orientation better suits how the stadium will work on event days eliminates the requirement for a second media centre under combined AFL and cricket usage.

The field of play size and shape was determined after comparison of four major oval venues across Australia – the Gabba, Perth's Optus Stadium, the MCG and Marvel Stadium in Melbourne. Optus and the MCG are significantly longer than Marvel and the Gabba, better accommodating an athletics track. The Stadium early concept design continues to build upon the winning "Queensland response" that embeds the new Stadium into Victoria Park's topography with a verandah inspiration, floating roof form, and bridge connectivity.

Brisbane Stadium – exterior view (artist impression – early design concept only). Image credit: GIICA (Games Independent Infrastructure and Coordination Authority)

GIICA CEO, Simon Crooks, said as the design work progresses over the coming weeks and months on the new Brisbane Stadium we are seeing a truly Queensland-take on the traditional stadium emerge, bringing the outside in and celebrating our lifestyle and natural environment.

"It is an exciting time for the team here at GIICA, and all of Queensland, as we work through the rigorous design process to bring the stadium vision to life, and later this year start early works and in 2027 construction."

"It is great to see the vision the design team has shared in January is now being tested and developed with stakeholder input," said COX Architecture Director and Chair Richard Coulson.

"It retains the ambition of a venue that responds to place with the inclusion of technology that people will expect in a world class venue. The evolving arrangement of the Stadium in the park will be a key part of unlocking the connectivity of the park with the wider precinct and the city," added Richard Coulson.

"We recognise this as a once-in-a-generation opportunity to lead the design of Brisbane Stadium, a venue that will showcase Queensland to the world while truly serving the local community every day," added Hassell Managing Principal Lucy O'Driscoll.

"Every element of our design responds to Queensland's unique climate and lifestyle, ensuring the stadium can accommodate not only global events, but also becomes an enduring part of the state's daily life and legacy for generations to come," added Lucy O'Driscoll.

With early site preparations due to begin from 1 June 2026 and early works expected later in 2026, Queenslanders will start to see the project shift from plans to progress as this new major events home takes its next steps toward 2032 and beyond.

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Visionary hospitality company 'NOT A HOTEL' opens three villas designed by BIG on Sagishima Island's hillside in Japan

NOT A HOTEL has opened its newest property, NOT A HOTEL Setouchi, on Japan's remote island of Sagishima. Designed by BIG, the resort is carved into the 30,000-square metre site's mountainous terrain, surrounded by the Seto Inland Sea. The four-bedroom villas and beach terrace restaurant – named '90,' '180', '270,' and '360' depending on location and corresponding views – are made of soil directly from the site using the traditional rammed earth technique.

"NOT A HOTEL Setouchi are our first completed buildings in Japan, a culture that has had a profound impact on myself and my understanding of architecture; a place where fearless Futurism and deep traditional roots coexist in contrasting harmony. It has been an absolute architectural adventure to work with NOT A HOTEL to make this vision come to life. The archipelago around Sagishima is like a Japanese landscape painting. Steep rolling hills covered in lush green vegetation erupt from the tranquility of the Seto Inland Sea. The four pavilions are conceived as extensions of the dramatic topography. Hilltops and peninsulas, outcroppings and canyons are outlined by rammed earth walls and solar roofs to provide pavilions with 360-, 270-, 180-, and 90-degree views of the surrounding scenery. On one hand, each home is like an inhabited view, open and extroverted. On the other, their spinal walls outline a private and protected space – open only to the sky. Macrocosmos meets microcosmos, traditional meets modern; Scandinavian and Japanese, the villas are architectural oxymorons embodying seemingly contradictory elements into a holistic hospitable whole," says Bjarke Ingels, Founder and Creative Director, BIG.

Photo credit: Kenta Hasegawa

Doka awarded EcoVadis Silver rating

Doka has been awarded a Silver rating by the internationally recognised sustainability rating provider EcoVadis. This places Doka among the top 15 percent of all companies assessed worldwide and once again underscores its commitment to responsible and future-oriented business practices across the entire value chain.

"The EcoVadis Silver rating shows that Doka is among the leading companies in the industry when it comes to sustainability. This is an important signal for our customers and partners, who are placing increasing importance on transparent and verifiable sustainability performance," says Robert Hauser, CEO of Doka.

EcoVadis is the world's leading provider of sustainability ratings and operates a network of more than 150,000 assessed companies. In the 2026 assessment, Doka ranks among the top 15 percent of all companies assessed.

EcoVadis evaluates companies according to international sustainability standards across the areas of environment, labour and human rights, ethics, and sustainable procurement, covering a broad range of non-financial management systems.

"In the environmental category, Doka achieved an outstanding score of 91 out of 100 points. This places us among the top performers, representing only one percent of all evaluated companies in our industry[1)]," says Julia Weber, Head of Sustainability at Doka.

"EcoVadis assesses how consistently sustainability is integrated into processes, and the Silver rating shows that we have made significant progress in this area," Weber adds. Doka also received consistently positive ratings across all other categories. These results are based, among other things, on measures related to occupational health and safety such as noise reduction in production, as well as training and awareness programmes on compliance and information security for all employees.

[1)]Environment: Doka GMBH (Group) is in the top 1% of companies rated by EcoVadis in the Manufacture of structural metal products, tanks, reservoirs and steam generators industry.

SIWW2026 Water Expo opens visitor registration, showcasing global innovations for a resilient water future

Trade visitor registration is now open for the 11th edition of the Singapore International Water Week (SIWW) Water Expo, taking place from 16 to 18 June 2026 at the Sands Expo and Convention Centre in Singapore.

In cooperation with IFAT, SIWW2026 Water Expo will bring together global water industry stakeholders, technology providers and solution developers to support collaboration across procurement, partnerships and innovation exchange. The Expo forms a cornerstone of SIWW2026 (15 to 18 June 2026), reinforcing Singapore's role as a convening platform for the global water community.

Bringing together close to 450 exhibitors and trade visitors from over 65 countries and regions, SIWW2026 Water Expo presents more than 2,200 innovative solutions and technologies across water management, recycling, water treatment and desalination, energy recovery as well as digitalisation and AI solutions.

Trade visitors can now register at: https://www.gevme.com/siww2026-water-expo

Across Southeast Asia, rapid urbanisation and industrial growth are intensifying demand for reliable, high-quality and efficient water infrastructure, alongside integrated systems that can support energy-intensive sectors such as advanced manufacturing, data driven industries and large-scale cooling applications.

SIWW2026 Water Expo highlights water's role as a critical enabler of Asia's economic growth and infrastructure development, supporting the convergence of water, energy and digital systems across the region. It also places stronger emphasis on enabling AI-driven infrastructure, energy-intensive industries and cross-border water investment and collaboration across ASEAN — positioning the Expo as both a showcase for solutions and a platform connecting technology providers, project owners and capital to accelerate deployment across the region.

Participation and industry representation

SIWW2026 Water Expo will feature exhibitors that directly address Southeast Asia's most pressing water challenges in three key areas: municipal water systems, coastal and flood resilience, and industrial water management. These include advanced treatment and desalination, flood mitigation and coastal protection, as well as AI-enabled and digital solutions supporting energy-intensive operations such as data centre cooling, industrial processing and resource recovery.

The Expo showcases exhibitors from around the world, with over 52 percent international participation, reflecting its global scale and diversity. It brings together leading technology providers and solution developers — including Autodesk, CPG Consultants, Georg Fischer, GHD, Hach, Ingersoll Rand, Jacobs, Keppel, Meiden, Nijhuis Saur Industries, RSK, Sulzer, Toray and Xylem — with more than 80 product launches and key announcements.

These include ultrasound-based innovations designed to break down PFAS contaminants in wastewater without chemicals or incineration, advanced rainwater capture and treatment systems for industrial use, and next-generation UV systems designed for ultra pure water applications such as in semiconductors industry. These range of innovations highlight how water technologies are being deployed to improve efficiency, strengthen resilience and support sustainable infrastructure development across the region.

In addition, SIWW2026 Water Expo features a dedicated Startup Zone, showcasing emerging innovators advancing digital water systems, AI-enabled technologies, advanced treatment, resource recovery and environmental intelligence. Supported by platforms such as the Digitalisation & AI Pavilion, this zone enables participants to engage directly with next generation solution providers alongside established industry players.

SIWW2026 Water Expo is expected to convene a broad cross-section of the global water ecosystem, bringing together senior stakeholders across government, industry and infrastructure development. Participation spans key stakeholder groups including regulators and utilities, government agencies, Engineering, Procurement, and Construction (EPC) firms, and international trade and investment organisations.

SIWW2026 Water Expo will offer a curated lineup designed to support knowledge exchange, dialogue and business engagement. This includes integrated showcases and platforms, such as refreshed thematic zones and expanded international participation from key water markets across Europe, Asia and the Americas. These provide opportunities for buyers, project owners and solution providers to connect around emerging technologies, market trends and real-world applications.

PLP Architecture unveils brand evolution and announces new Partner and Director promotions

Photo of PLP Architecture senior leadership team.
[Top L-R] Eleftheria Varda, Rae Boyden, Andrew Tsang, HaenSuk Yi, Su Cully, Paul Tupper, and Tina Qiu.
[Bottom L-R] Ryan Kingsnorth, Dr. Marta Gonzalez-Ruiz, Roberto Caputo, and Mariangeles Fernandez.
Photo credit: PLP Architecture

This year marks a pivotal new chapter for global architecture and urbanism practice, PLP Architecture, as the firm unveils its evolved visual identity, new website and announces promotions across the senior leadership team. Headquartered in London, PLP Architecture also has an office in Singapore. PLP Architecture was founded in 2009 by Lee Polisano, David Leventhal (retired) and Ron Bakker, who had previously collaborated for over three decades on major international projects, creating a foundation of trust, shared values and design excellence that is now embodied across PLP Architecture's own substantial body of work. Today, PLP Architecture is formed of over 150 architects, designers, planners and research analysts of 37 different nationalities, with a portfolio of projects that have set new benchmarks for value, performance and market appeal across key global cities. The practice has recently appointed five new Partners and six new Directors, strengthening its global leadership team across its studios in London, Singapore and Tokyo and reflecting the scale and geographic spread of its portfolio.

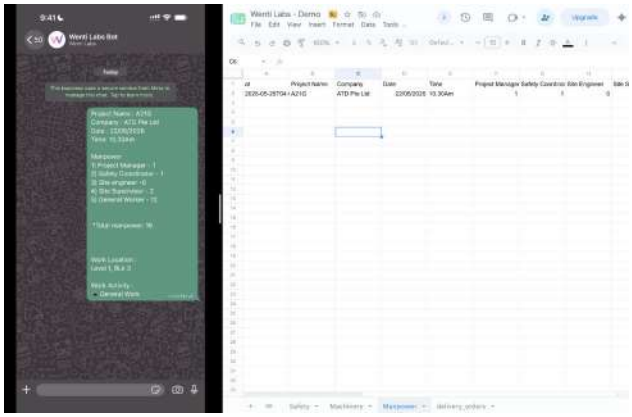
PLP Architecture's landmark completed projects include the award-winning The Edge, Amsterdam, one of the world's most sustainable office buildings; 22 Bishopsgate, The City of London's tallest tower; Bankside Yards, the UK's first fossil-fuel free mixed-use development; the masterplan for the redevelopment of one of Tokyo's most prestigious and culturally significant districts, Tokyo Cross Park and Korea's net-zero Korean National Meteorological Centre. 2026 will see PLP Architecture unveil the completed Park Nova, a biophilic residential tower in Singapore; Holborn Viaduct, a landmark workplace project in the City of London; Opus, the first residential tower within Bankside Yards; and progress works on large scale projects in the GCC and Asia. As PLP Architecture has expanded across Asia, the Middle East and Europe, it has built a senior team with deep regional expertise and direct client relationships on the ground to ensure Partner and Director-led delivery across every market. The newly promoted Partners are Tina Qiu, who leads the practice's South-East Asia and China operations; HaenSuk Yi, who drives design and delivery across PLP Architecture's growing Korea portfolio; Su Cully, Partner for Strategy and a key figure within PLP Labs, the practice's dedicated research and strategy consultancy arm; Dr. Marta Gonzalez-Ruiz, responsible for leading the practice's masterplanning and mixed-use work; and Andrew Tsang, an experienced project director who oversees major developments from early stages through to delivery. These promotions are accompanied by the appointment of six new Directors: Eleftheria Varda, Mariangeles Fernandez, Roberto Caputo and Ryan Kingsnorth across project delivery, alongside Paul Tupper as Head of Graphics and Rae Borden as Head of Business Development.

Further demonstrating PLP Architecture's global reach, influence and breadth of project portfolio is the practice's brand identity evolution, unveiled via its new website, visual assets and project collateral. The brand evolution project has been spearheaded by PLP Architecture's internal design team, in collaboration with Cristhian Sabogal, New York based graphic designer, and introduces a new aesthetic and language that reflects the growth of the practice and establishes its key guiding principles. The new, unified identity clearly communicates PLP Architecture's expertise and quality of delivery across architecture, urbanism, interior design, industrial design, sustainability and technology to international audiences. Lee Polisano, President and Founding Partner of PLP Architecture, comments: "We have greatly evolved since we first established PLP Architecture's London studio in 2009. We are now a global practice, providing creative, design-led astute services to clients worldwide and our brand needed to reflect this. Our new visual identity is not a reinvention but an alignment and a reflection of who we are today and a celebration of the team's achievements."

The new website and visual identity can be viewed here https://www.plparchitecture.com/

Wenti Labs raises pre-seed round led by Zacua to build A.I. operating system for construction

The Wenti Labs Team. Photo credit: Wenti Labs



Wenti Labs' AI agent automatically logs and categorises fragmented construction site data into a single streamlined workflow document in real time, saving construction companies precious time and money. Image credit: Wenti Labs

Wenti Labs, a Singapore-based start-up building artificial intelligence (AI) operating systems for construction teams, recently announced that it has raised pre-seed funding, led by venture capital firm Zacua Ventures, with participation from Aurum Investments and Feedback Ventures. The funding will be used to expand its engineering team, scale customer acquisition, and grow its presence in key Asia-Pacific markets beyond Singapore, including Japan and Australia.

Proven traction before external capital

The founding team combines deep experience across construction operations, enterprise software and applied AI, with Co-founder and Chief Executive Officer (CEO) Ethan Ow spearheading the company's growth. Prior to raising external capital, Wenti Labs generated recurring revenue from paying enterprise customers – a rare milestone at pre-seed stages that underscores strong product-market fit.

"We believe AI will redefine how construction operates over the next decade. Many critical decisions are currently made based on fragmented and delayed information. Data is trapped in spreadsheets and emails, invisible to the people who need it most. We built Wenti Labs to change that," said Ethan Ow, Co-founder and CEO, Wenti Labs. "Our AI agents work through existing tools, turning unstructured field data into real-time operational intelligence. This funding accelerates to bring these capabilities to construction sites across Asia-Pacific and beyond."

Juan Nieto, Founding Partner, Zacua Ventures, remarked: "Construction is a massive global industry held back by broken data infrastructure. Wenti Labs goes beyond workflow improvements. They are building the intelligence layer that the industry is missing. What impressed us is their ability to deliver immediate value without requiring behavioural change, a rare strength that positions them to scale quickly on a global scale."

Building the Operating System (OS) for construction

Construction sites generate vast amounts of operational data every day, ranging from safety observations and progress updates to site photos, environmental readings and reports.

Yet, much of these data remains fragmented across messaging platforms and manual workflows, resulting in limited usefulness and delayed decision-making.

Wenti Labs seeks to address the inefficiency by building AI agents that operate directly within existing tools used to capture and process unstructured data in real time.

These AI agents transform fragmented site inputs into structured, actionable insights, enabling construction teams to operate with greater speed, accuracy and visibility. The company's AI technology is currently deployed on active construction projects with leading industry players, including Boustead Projects E&C, Woh Hup, Penta-Ocean Construction and multiple Tier-1 general contractors in Singapore.

Looking ahead

Beyond individual productivity gains, Wenti Labs is building towards a broader vision where construction sites operate as real-time, intelligent systems powered by continuously updated data.

The construction industry, valued at over US$14 trillion globally, remains one of the least digitised sectors. Wenti Labs is positioning itself to become the operating system to change that.

For more information, visit https://wentilabs.com/.

B+H Architects announces Janine Grossmann to lead interior design business development

B+H Architects is pleased to announce the appointment of Janine Grossmann as Senior Director, Business Development, Architecture + Design (A+D).

Janine Grossmann. Photo credit: B+H Architects

Based in Toronto, Janine will lead Interior Design business development across the firm's Toronto and Vancouver studios, providing strategic leadership in client growth, pursuit strategy, and relationship development.

Her mandate includes advancing the Interior Design practice, expanding CHIL Interior Design's hospitality portfolio, and strengthening integrated A+D delivery across the firm.

"I'm thrilled to join this talented group and work alongside the team to cultivate both new and existing relationships. I look forward to growing our Interior Design practice and advancing integrated services that support continued sector growth," said Grossmann.

Janine brings more than 30 years of experience shaping the strategy and design of commercial, institutional, and hospitality projects ranging from 5,000 to over four million square feet. Throughout her career, she has held senior leadership roles that bridge design excellence with business and organizational strategy — encompassing workplace strategy, change management, business development, corporate governance, and organizational communications.

A highly respected figure in the design community, Janine is the recipient of a Royal Architectural Institute of Canada (RAIC) Urban Design Award and multiple Association of Registered Interior Designers of Ontario (ARIDO) awards. A Fellow and Past President of ARIDO, she remains actively engaged in advancing the profession through leadership, advocacy, and mentorship.

Cundall Singapore strengthens Building Services capability with key promotions and appointments

Cundall, an award-winning, international multi-disciplinary engineering consultancy, is pleased to announce significant developments within its Building Services team, promoting Charles Lee to Associate Director and Haider Tyebally to Associate.

Additionally, Matt Foskin has been appointed as Associate Director, and Laurent Feraudet joins the team as Senior Design Manager. The strategic promotions and appointments within Cundall Singapore's team aimed to enhancing operational effectiveness and accelerate regional growth with offices in Kuala Lumpur, Chennai and Manila. These changes reflect Cundall's commitment to fostering talent and driving innovation.

Marcus Kan, Managing Director for Cundall Singapore, states on this exciting period, "As we celebrate Cundall 50th, we are excited to develop such a strong foundation to set the stage for our ambition for the future. Matt and Laurent bring exceptional strengths that complements our business strategy and regional growth. The promotion of Charles and Haider reflects our continued commitment to developing talent and strengthening leadership across the business. Our promise to delivering engineering excellence continues to drive innovation in our sustainable data centre designs, decarbonisation through retrofitting existing buildings, creating a flexible workspace to align corporate goals or to create an impeccable guest experiences and optimising capital and operational costs, these are our mission to futureproofing our client's assets to ensure resilience in an ever-changing world."

Back row (left to right): Haider Tyebally, Marcus Kan, and Matt Foskin. Front row, seated (left to right): Laurent Feraudet and Charles Lee. Photo credit: Cundall

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Keppel and Midea partner to collaborate on AI-enabled modular cooling solutions opportunities across Asia

Keppel Ltd.'s Infrastructure Division (Keppel) has entered into a strategic collaboration agreement with Midea Building Technologies (MBT) Division, a part of the Midea Group, to jointly pursue opportunities in AI-enabled, energy-efficient modular cooling solutions across Asia.

The signing was witnessed by Ms Cindy Lim, CEO of Keppel's Infrastructure Division and Mr Peter Guan, Vice President of Midea Group and President of MBT.

The non-exclusive collaboration will combine Keppel's strengths in Cooling-as-a-Service (CaaS) and digital optimisation with MBT's capabilities in heating, ventilation, and air conditioning manufacturing and intelligent building systems, to enable co-development of standardised, modular cooling systems. Implementation of the modular cooling system in specific projects will be carried out through project agreements separately negotiated by Keppel and MBT on a case-by-case basis.

It is envisaged that the jointly developed modular cooling systems will offer a flexible, capex-light solution that can be deployed and scaled across multiple sectors, which will enhance the energy efficiencies of cooling processes while reducing the complexity of on-site installation.

By adopting a modular, pre-engineered approach, Keppel can pre-fabricate cooling modules and assemble them onsite. The modular cooling systems will be connected to Keppel's state-of-the-art Operations Nerve Centre (ONC). The ONC, in turn, runs on Keppel's proprietary digital platform, Infrastructure Intelligence (II), which leverages AI and machine learning for real-time monitoring and performance advanced analytics, allowing the cooling modules to be managed remotely around the clock.

When combined with MBT's smart equipment, IoT sensors and intelligent building management systems, it is expected that the AI-enabled cooling solution will be able to offer enhanced operational reliability, improved energy efficiency and reduced lifecycle carbon emissions generated from cooling processes.

As part of the collaboration, both companies will establish an AI-first Centre of Excellence, a collaborative platform, to facilitate engineering, standardisation, optimisation and replication across potential projects.

Target sectors include data centres, advanced manufacturing and industrial parks, healthcare and education campuses, aviation hubs, integrated developments and retrofit projects.

(From left) Ms Cindy Lim, CEO of Keppel's Infrastructure Division; Mr Poh Tiong Keng, Executive Director, Energy-as-a-Service, Keppel's Infrastructure Division; Mr Taufiq Li, Vice President, Midea Business Technologies, APAC Region; and Mr Peter Guan, Vice President of Midea Group and President of Midea Business Technologies at the signing ceremony.

Mr Poh Tiong Keng, Executive Director, Energy-as-a-Service, Keppel, said, "This collaboration further strengthens our ability to develop and deploy next-generation cooling solutions across Asia. By combining Keppel's Operations Nerve Centre and deep operating capabilities with Midea's engineering and manufacturing strengths, we are helping to accelerate the adoption of intelligent, AI-enabled infrastructure at scale across multiple sectors. We look forward to building on Keppel's ongoing collaboration with Midea, which includes Keppel's HDB Tengah Centralised Cooling Systems project in Singapore."

Mr Peter Guan, Vice President of Midea Group and President of MBT, said, "This partnership is about industrialising AI for sustainable cooling. By combining MBT's intelligent manufacturing and equipment-level capabilities with Keppel's operational platforms, we are creating standardised, intelligent building blocks that can decarbonise Asia's cooling infrastructure at scale. The HDB Tengah project is just the first proof point."

The abovementioned agreement is not expected to have any material impact on the earnings per share and net tangible asset per share of Keppel Ltd. for the current financial year.

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Kallang Wave Mall transformation to bring engaging experiential concepts to life

Kallang Wave Mall is embarking on an extensive asset enhancement initiative (AEI) to transform it into an experiential sport and lifestyle retail destination at The Kallang. The AEI will include inviting new community spaces, refreshed façades, upgraded alfresco dining areas along the Stadium Park Connector, and a new 24-hour through-block link corridor for greater connectivity within the precinct. Shoppers can also look forward to sport and lifestyle concepts that reflect the lively spirit of The Kallang. The mall, which is an integral part of The Kallang and managed by CapitaLand Investment (CLI), will continue to operate throughout the phased AEI which commences from May 2026, with completion targeted for 2028.

Mr Quek Swee Kuan, Chief Executive Officer, The Kallang Group, said: "The transformation of Kallang Wave Mall represents a leap forward in our vision for The Kallang to be Singapore's epicentre of excitement and the destination of choice for sport, entertainment, lifestyle and community events in Asia Pacific. This asset enhancement extends beyond infrastructural upgrading. We are shaping the way people experience sport, entertainment, lifestyle and community as one seamless, integrated journey. By building open, inclusive and dynamic spaces that invite connection and discovery, we're creating a vibrant destination with a renewed energy and sense of place. This is the spirit of The Kallang; a place that inspires everyone who comes here to connect, celebrate and truly Feel Alive."

Mr Ervin Yeo, Chief Executive Officer, Commercial Management, CLI, said: "We are reimagining Kallang Wave Mall as a top-of-mind destination that energises, inspires and connects people. Drawing on CLI's deep expertise in commercial management and experiential placemaking across our retail and workspace properties, we are curating a mix of sports, lifestyle, dining and community-led experiences that brings The Kallang's 'Feel Alive' spirit to life. Kallang Wave Mall comprises both a box component and outdoor waterfront commercial spaces. The rejuvenated mall will be more than a mall; it will be a destination where locals and visitors will want to visit to connect with The Kallang's energy."

An iconic feature since Kallang Wave Mall opened in 2014, the climb wall will be reimagined to further strengthen the mall's appeal as a must-visit destination for climbing enthusiasts. Standing at 21-metres tall, the new wall with elements of real rock walls will be one of Southeast Asia's tallest indoor climbing walls. Its apex will rise to approximately 10 metres above the mall's roofline, rewarding adventurous climbers who reach the summit with picturesque, expansive views of The Kallang and the Kallang Basin. Operated by Climb Central, the new facility will also introduce bouldering walls, completing a comprehensive range of climbing offerings for both new and experienced climbers. On the rooftop of the mall, a new padel ecosystem will be created, featuring six sheltered competition-ready courts for both casual and competitive play.

Additionally, a new multi-sensory playscape will replace the existing water playground. The enhanced area will feature an engaging water play experience with larger-than-life installations and a kinetic dry play zone. Together, these enhancements will create a distinctive, dynamic space for children and their families.

To further support active lifestyles, an end-of-trip facility will be introduced to cater to cyclists and users of the Stadium Park Connector and Kallang Basin. Equipped with bike parking, bag storage, and shower facilities, the space will allow visitors to conveniently pause or conclude their exercise route at Kallang Wave Mall.

The mall will continue to operate throughout the phased AEI and visitors can refer to https://www.thekallang.com.sg/shop-dine/enhancement-works-kallang-wave-mall for information on tenants and scheduled works.

Photo credit: The Kallang Group and FARM Architects

Photo credit: The Kallang Group and FARM Architects

FIND – Design Fair Asia moves to Bangkok for landmark fifth edition

Bridging the ASEAN design landscape with a specifier-led focus, the landmark 5th edition leverages Thailand's booming 2027 project pipeline and an exclusive partnership with Thai Interior Designers' Association to deliver trade value.

FIND – Design Fair Asia (FIND), the Asia-Pacific region's premier trade fair for furniture, interiors and design, will hold its fifth edition in Bangkok from 26 to 28 November 2026 at the Queen Sirikit National Convention Center (QSNCC). It is the first time FIND has been staged outside Singapore since the event launched in 2022.

The move places FIND at the centre of one of Southeast Asia's most active design and construction markets. Bangkok is currently the top city in Asia-Pacific (excluding China) for hotel construction, with 68 major projects and over 16,600 rooms in the pipeline*. Thailand's furniture market alone is projected to reach US$1.75 billion in 2026**, and the city has become a global hub for branded residences, with projects from Porsche Design, Ritz-Carlton and other luxury marques reshaping the skyline^.

The timing is deliberate. November falls at the start of Thailand's high season and coincides with the year-end procurement window when budgets are finalised for 2027 project launches. For exhibitors, that means an audience of architects, interior designers and developers who are actively specifying.

What to expect: From "Products" to "Living Solutions"

The 2026 edition is expected to host professional visitors from 60 countries and 200+ exhibiting brands. Beyond the exhibition floor, the FIND Global Summit will feature 70+ industry leaders, while the VIP Buyer Programme facilitates 500+ curated B2B meetings. With 73 percent of attendees holding direct purchasing power and a 92 percent exhibitor satisfaction rate at previous editions, FIND remains a premier platform for connecting brands with the architects and developers specifying for Asia's most active projects.

New for 2026: Partners in Design: Thailand Interior Designers' Association (TIDA)

FIND – Design Fair Asia and the Thailand Interior Designers' Association (TIDA) have announced a deepened strategic partnership to accelerate industry value and professional exchange. Central to this collaboration is the debut of "Thailand International Design and Art" (TIDA) – a curated showcase and multidisciplinary forum designed to cement Thailand's position as a premier regional hub for design, furniture, and cultural innovation.

By uniting designers, collectors, and industry leaders, this initiative offers international brands a high-access route to the key specifiers driving Thailand's most ambitious hospitality, residential, and commercial developments.

The platform will feature an elite Design Showcase highlighting TIDA members and international participants, alongside a dedicated Members Lounge for strategic collaboration and a forward-thinking Design Forum.

The program is further anchored by Signature Awards, recognising excellence and setting new benchmarks across global design disciplines.

"Design is a powerful cultural force – one that shapes not only the built environment, but also the social and economic fabric of society. At the forefront of this discipline, Thailand Interior Designers' Association (TIDA) operates at the intersection of heritage and innovation, advancing contemporary Thai interior design within an increasingly global landscape," shares Mrs Korakoth Kunalungkarn, President, Thailand Interior Designers' Association (TIDA).

"Thailand's development pipeline is extraordinary," says Carl Constantin Press, General Manager of Fiera Milano Asia Pacific. "With TIDA alongside us, we can put international brands directly in front of the professionals making the high-level specification decisions for these projects."

For exhibitor enquiries, email sales@fieramilanoasiapacific.com

Source:
*Lodging Econometrics
**Statista
^CBRE

Photo credit: FIND – Design Fair Asia

Asia's largest emergency services gathering in the works: Nineteen APAC and Section of Emergency Medical Services Physicians, College of Emergency Physicians sign Letter of Intent (LOI)

Nineteen APAC (part of Nineteen Group) and the Section of Emergency Medical Services Physicians, College of Emergency Physicians, have signed a Letter of Intent (LOI) to co-locate the 8th edition of *Emergency Medical Services (EMS) Asia* alongside the inaugural *The Emergency Services Show Asia* (ESSA), part of the Safety & Security Asia.

Nineteen APAC is the organiser of ESSA and The College of Emergency Physicians is the organiser of EMS Asia and serves as the Strategic Partner of ESSA.

The co-located events will take place from 10–12 November 2026 at the Sands Expo & Convention Centre, Singapore, welcoming 1,500 international and regional EMS delegates and 5,000 ESS Asia attendees, with more than 100 advanced emergency services technologies and products on display, creating a true industry gathering for the region.

EMS Asia: The International Conference for Prehospital and Emergency Medical Services

Organised by Asian Association for Emergency Medical Services (AAEMS), Section of EMS Physicians (SEMSP) under the College of Emergency Physicians, the 3-day conference provides a platform for sharing and discussing best practices across EMS in Asia, including Doctors, Nurses, Paramedics, and Community First Responders involved in delivering Prehospital and Emergency Medical Care. Registration for EMS Asia 2026 is now open.

The co-location of EMS Asia 2026 with The Emergency Services Show Asia 2026 will create a single, integrated platform bringing together EMS, fire and rescue, disaster response, public safety, and communications. This unified approach provides unparalleled opportunities for knowledge sharing, innovation, and cross-border collaboration among industry professionals. Attendees can also look forward to live demonstrations, skills competitions, and an expanded conference programme, including the Emergency Services Leaders' Summit, showcasing the latest advancements and fostering engagement across the entire emergency services ecosystem.

Tristan Norman, Group Managing Director, Nineteen APAC, commented: "This partnership with the College of Emergency Physicians represents a significant step in advancing the emergency services ecosystem across Asia and beyond. By co-locating with EMS Asia, we are not only uniting the full spectrum of emergency response professionals, but also creating a platform where high-quality content, thought leadership, and community engagement converge. This collaboration enables meaningful knowledge sharing, fosters innovation, and strengthens cross-border networks, ensuring that both events deliver lasting value to the entire emergency services community.

A/Prof Ng Yih Yng, Chair, Section of Emergency Medical Services Physicians, College of Emergency Medicine Physicians, commented: "This year, AAEMS is pleased to host the 8th edition of EMS Asia alongside the inaugural The Emergency Services Show Asia in partnership with Nineteen APAC. The co-location of the events offers delegates a robust scientific programme and the opportunity to share new innovations and practical know-how across the wider EMS and emergency response ecosystem. By bringing together diverse perspectives and experiences, this collaboration delivers real value to emergency response teams, strengthening skills, knowledge, and networks that are vital for effective prehospital and emergency care."

Photo credit: A/Prof Ng Yih Yng, Chair, Section of Emergency Medical Services Physicians, College of Emergency Medicine Physicians (left) and Ms Ping Ping Lau, General Manager of Nineteen APAC Private Limited (right).

Designs revealed for Tapangka arts and media hub

The South Australian government has announced plans for a new arts and media hub within the upcoming Tapangka precinct.

The design concept by Woods Bagot has been revealed for the contemporary arts and media facility located at the former Adelaide Bus Station site on Franklin Street.

Australian Broadcasting Corporation (ABC) has selected the Tapangka site as its preferred new location from its current headquarters in Collinswood, which is reaching the end of its suitability.

Located on the south-east corner of the future Tapangka on Franklin, the new development will accommodate a combination of ABC and arts functions, gallery and rehearsal spaces, TV and radio studios, and more, supporting content making, technical and administrative operations.

The public broadcaster and South Australian government will partner with Renewal SA to progress plans for the new hub, subject to public works approval.

Slated as a catalyst for creativity, innovation, and collaboration, the Arts and Media Hub will strengthen Adelaide's status as a leading centre for culture and creative excellence. The new facility will also accommodate the State Theatre Company, State Opera and Country Arts SA within its premises.

Woods Bagot Director Rosina Di Maria says that by bringing together the public broadcaster and multiple arts organisations in one location, the new hub will serve as an incubator for creativity and shared expression.

"The design fosters extended activation and activity, attracting diverse users to the precinct on a daily basis," says Di Maria.

Celebrating transparency and engagement, the hub will relocate the public broadcaster and state arts organisations together within the CBD to interface with the broader public.

ABC Managing Director Hugh Marks says Adelaide ABC's new home is "fit for purpose for a modern public broadcaster".

"Moving to new state-of-the-art facilities central to the CBD and co-locating with government arts organisations offers enormous benefits to the broader arts community and our staff, audiences, and the creative sector," says Marks.

The Arts and Media Hub is part of a wider mixed-use development, with masterplanning authored by Woods Bagot.

Associate Principal Waleed Moughraby says the masterplanning principles will transform an underutilised section of the city into a vibrant precinct offering high-rise housing and contemporary commercial, civic and retail spaces.

Tapangka is scheduled for completion in 2031.

Rendering courtesy of Woods Bagot.

ZHA & CY Lee to design NICFC in Taipei

Following the international design competition, Zaha Hadid Architects (ZHA) in collaboration with C.Y. Lee & Partners have been announced as designers of the new NICFC (National Innovation, Creativity and Finance Center) in Taipei. Located in the heart of Taipei's Beimen district—the city's financial hub—NICFC will house four institutions of the Financial Supervisory Commission that include the stock exchange, futures exchange, depository & clearing corporation.

Design prioritises walkability and accessibility

Situated at the intersection of Zhongxiao West Road and Bo'ai Road, NICFC is within one of the city's busiest districts encompassing Taipei Main Station, the historic post office building and railway museum, Beimen Gate and MRT Station, as well as the many cultural venues around Zhongshan Hall. Adhering to requirements established by Taipei's Western Gateway Project to upgrade the city's public realm, NICFC's 175,000 square metres design prioritises walkability and accessibility. Linking the district's existing civic hubs with a series of interconnected pedestrian plazas, courtyards and walkways, the design preserves Beimen's urban vistas and streetscapes to ensure the district's heritage remains legible within the modern city.

Adjacent to the Taipei Beimen Post Office (a recently restored heritage site that opened in 1930) NICFC will retain the ornate original building and replace its later extensions which are now obsolete.

The existing 95-year-old building will be transformed into a museum and cultural venue—preserving its history while creating an important new public space for the city. Relocating its parcel, mail and administrative services to a new facility with the necessary infrastructure for postal services in the 21st century, the post office's heritage building will be repurposed with a community hub within its restored portico. Its original interiors will be restored as a postal communications museum with immersive displays, literary archives and artefacts—converting the site into a focal point for residents and visitors that reflects its importance within the city's history and development. NICFC's five-storey podium mirrors the scale of the adjacent 1930's post office and includes multiple pleated columns supporting a sculptural glazed canopy that shelters a large new courtyard between the old and new buildings for public performances and events.

Design inspired by Phalaenopsis Orchid

Stepped back from the adjacent heritage building, the tower's 47-storey design is informed by the organic fluting structures within the flower of the island's native Phalaenopsis Orchid. Unfurling and extending outwards as it grows, this delicate fluting supports the petals and sepals of the Orchid's flower. Designed to optimise efficiency, flexibility and comfort—achieving floor area usage rates over 70 percent—distinct zones within the tower are provided for each of the four financial institutions. Offering privacy, vertical integration and adaptability, multiple floors of the tower will

Render by X Universe Visual Design

provide shared flexible office and meeting spaces, in addition to a conference centre. Ensuring seamless daily operations and secure event logistics, three independent elevator banks serve the financial institution floors, the rental office floors, together with elevators for dignitaries and services. Concave bays within the tower's northern façade give panoramic views of Taipei and beyond to the Qixing and Guanyin mountains. To the east, the tower aligns with the city's primary axis with views to Taipei 101 and the Xinyi District. A system of vertical pleats generates a geometric pattern and rhythm within the western façade overlooking the natural landscapes along the banks of the Tamsui River. The tower's southern façade follows the city's existing guidelines that accommodate the civic institutions of the administrative district to the south. At higher floors, the tower steps back in layers to provide shading and reduce lateral wind forces.

Designed to operate at net-zero carbon emissions

NICFC's design incorporates a responsive pleated façade system to regulate solar irradiation and airflow. Defined by the curvature of the tower, this precision engineered system adapts to varying depths and angles to mitigate solar heat gain and guide air flow—enabling the architecture to 'breathe' like a living organism, enhancing the tower's environmental performance in Taipei's humid subtropical climate. Targeting dual sustainability certification (LEED Platinum and EEWH Diamond), NICFC is designed to operate at net-zero carbon emissions as a new benchmark for the region. Balancing energy efficiency with the comfort of occupants, the architectural envelope combines a high-performance double-glazed unitised curtain wall system within a pleated façade. Providing on-site energy generation, photovoltaics will be incorporated within the façade while solar arrays will be installed on the tower's roof. Employing detailed digital mapping and 3D modelling of the site to optimise orientation, composition and façade performance, the tower's design incorporates recyclable, low-VOC materials and modular structural systems that will minimise embodied carbon and enhance lifecycle durability. A system of rainwater collection, storage and reuse will reduce water demand from the municipal supply.

Graphisoft announces expansion of MEP Designer rollout

Graphisoft, the leading developer of Building Information Modeling (BIM) software solutions for architecture and multidisciplinary design, has announced the expansion of its rollout of MEP Designer, a BIM-native solution that enables engineers to create accurate system layouts. First introduced in October 2025, MEP Designer bridges the gap between traditional CAD methods and advanced BIM workflows by enabling engineers to model, coordinate, and document building systems.

Available as a subscription-based product included in the MEP Designer Studio and Archicad Collaborate plans, MEP Designer is a unique and innovative BIM solution for MEP engineering that is:

- built on the Archicad BIM core, the industry-leading platform for architects, delivering seamless, collaborative BIM workflows between architects and MEP engineers.
- easy to learn and use, with an intuitive user interface and smart modeling tools that automate and simplify the MEP design process.
- flexible and adaptable, allowing MEP engineers not just quick creation, but easy editing of their MEP models.

"MEP Designer makes BIM adoption seamless for MEP engineers, delivering an intuitive, fully integrated solution," said Márton Kiss, Chief Product Officer at Graphisoft.

"It simplifies design workflows, strengthens collaboration with architects, and increases efficiency through intelligent automation and parametric libraries—making BIM easy to adopt while remaining powerful enough for highly detailed work."

Key capabilities include:

- Detailed documentation generated automatically — from floor plans and sections to schedules and parts lists — customizable and ready for submission.
- Built-in visualization tools and parametric libraries.
- Smooth communications and model consistency — on-site or remotely.
- Accurate planning and efficient coordination — CALHYDRA now connects to MEP Designer via a dedicated interface, enabling direct transfer of water and HVAC systems for hydraulic calculations; results are updated in the model for a seamless BIM-based workflow.

MEP Designer is currently available in select Asian and European markets on both Windows and macOS.

Schneider Electric and NUS College of Design and Engineering to collaborate on sustainable data centre operations

Schneider Electric Singapore is partnering the College of Design and Engineering (CDE) at the National University of Singapore (NUS) to advance research and development (R&D) initiatives for sustainable data centre operations.

As part of Schneider Electric's involvement, the French energy technology company will contribute various solutions, including cooling units and prefabricated data hall solutions.

The partnership forms part of the second phase of the Sustainable Development Data Centre Testbed (STDCT 2.0) programme. Schneider Electric is both the Programme's first anchor sponsor and the first organisation to formalise a partnership under STDCT 2.0. Schneider Electric and the STDCT 2.0 Programme will also co-host discussions for staff and students; participate in joint R&D activities; and facilitate the exchange of scientific, academic and technical information via conferences, seminars or other relevant formats.

"This partnership underscores NUS' commitment to shaping the next generation of sustainable data centre infrastructure," said Professor Lee Poh Seng, Head of Mechanical Engineering at NUS CDE and Programme Director of STDCT 2.0. "STDCT 2.0 will go beyond efficiency standards by validating AI-ready, low-carbon tropical data centre solutions in real operating conditions—helping the industry scale adoption and reinforcing Singapore's role as a global hub for AI-driven operations."

From left: Yoon Young Kim, Cluster President for Singapore and Brunei at Schneider Electric; Professor Lee Poh Seng, Head of Mechanical Engineering at NUS CDE and Programme Director of STDCT 2.0.
Photo credit: Schneider Electric

This collaboration comes as Singapore's second data centre call for application, DC-CFA2, raises the sustainability and efficiency thresholds for new data centre capacity. "Advanced cooling technologies and intelligent energy management systems can significantly improve energy and thermal performance while reducing carbon emissions," said Yoon Young Kim, Cluster President, Singapore and Brunei, Schneider Electric. "Our collaboration with NUS shows how industry and academia can create real world impact and support Singapore's ambition to grow its digital economy efficiently and sustainably."

Saint-Gobain and Flinken Group form strategic joint venture in Sarawak to drive sustainable construction in Malaysia and Southeast Asia

Saint-Gobain, a global leader in light and sustainable construction, has completed a joint venture agreement with Flinken Group, a Sarawak-based innovative construction materials specialist, to establish a strategic joint venture.

The new entity, Saint-Gobain Flinken, will see Saint-Gobain hold a 70 percent majority stake with Flinken Group holding the remaining 30 percent.

Under the agreement, Saint-Gobain Flinken will support next-generation needs and meet growing demands across Malaysia and the Southeast Asia (SEA) region for light and sustainable building and construction materials. The joint venture will be supported by a phased capital investment into manufacturing upgrades and logistics infrastructure in Sarawak. This includes the development of a dedicated logistics hub with enhanced warehousing and distribution capabilities, which will also serve as a potential export base for Southeast Asian markets.

"This partnership reflects our strong belief in the importance of combining global expertise with local capabilities to accelerate sustainable construction. By working closely with Flinken Group, we are not only strengthening our presence in Malaysia but also building a platform that leverages technology, innovation, and local know-how to support Southeast Asia's transition towards more sustainable and efficient building solutions. This is a key step forward in shaping the future of sustainable construction in the region," said Ludovic Weber, Chief Executive Officer of Saint-Gobain Asia.

"From our roots in Sarawak, Flinken Group has

grown steadily into a leading local manufacturer by consistently delivering high-quality mortar solutions that meet evolving customer needs. This milestone marks an exciting new chapter for us, as we partner with Saint-Gobain. We are excited to continue growing the company together while supporting the development of Malaysia's building materials industry," said Marcus Chai, Founder of Flinken Group.

Malaysia's construction industry remains a key driver of economic growth, supported by urbanisation, infrastructure development and rising demand for sustainable built environments. As the built environment continues to account for a substantial share of energy consumption and greenhouse gas emissions, the importance of greener building approaches has become increasingly pronounced. This is reflected in the expected expansion of Malaysia's green building materials market, which is projected to grow from USD385.4 billion in 2025 to USD677.2 billion by 2031.

In line with this shift, Sarawak is reinforcing its commitment to sustainable urban development under the Sarawak 2030 Sustainability Blueprint through green building initiatives and smart city projects, advancing green building initiatives and smart city projects that prioritise the transition to green buildings, promote sustainable construction practices and support sustainable urban design.

"As Malaysia enters a transformative decade, technology, innovation and sustainability will increasingly define its built environment, supported by a strong decarbonisation and efficiency agenda that is moving the industry from aspiration to compliance. The joint venture underscores our confidence in Malaysia's long-term growth and reinforces our commitment to supporting the industry's readiness for this next phase," said Lynette Siow, Chief Executive Officer of Saint-Gobain Malaysia and Singapore.

The joint venture will also see the introduction of advanced production technologies and sustainable product lines and aims to bring a positive socio-economic impact through new employment opportunities, structured training programmes for local talent, and measurable improvements in carbon reduction and material efficiency across product offerings.

These will be delivered through four key areas: Research, Development & Innovation (RDI), Knowledge Transfer and Talent Development, Sustainable Building and Local Industry Empowerment, and Community and Policy Engagement.

The signing ceremony was held at Sarawak Trade and Tourism Office Singapore (STATOS), witnessed by Tim Ooi, Chief Financial Officer of Saint-Gobain Malaysia and Singapore, and Phua Pui Ann, Founder of Flinken Group. The event was graced by the Guest of Honour, Chew Chang Guan, Chief Executive Officer of STATOS.

Ludovic Weber (fourth from right), CEO of Saint-Gobain Asia and Marcus Chai (fifth from right), Founder of Flinken Group, pictured with representatives from Saint-Gobain, Flinken Group and STATOS following the signing of a strategic joint venture agreement establishing Saint-Gobain Flinken. Photo credit: Saint-Gobain

As demand for AI safety technology accelerates, Verdantix identifies viAct among leading innovators

As enterprises grapple with fragmented safety systems driven by multiple video analytics deployments, viAct has been identified among the innovators in a new report by Verdantix, which evaluates leading video analytics solutions for workplace safety.

viAct is an AI company transforming workplace safety and operations across construction, manufacturing, and oil & gas through advanced video analytics and edge AI. Its platform converts existing CCTV into real-time intelligence systems that detect risks, ensure compliance, and enable proactive decision-making.

Titled *"Smart Innovators: Video Analytics for Safety"*, the report assesses vendors across key safety and technical capabilities, including behavioural monitoring, PPE detection, unsafe condition identification, area controls, system integration, and analytics. Within this landscape, viAct is recognised alongside established players such as Intenseye and Protex AI, reflecting its growing role in delivering enterprise-ready solutions that can scale across complex, high-risk environments.

From isolated use cases to integrated systems

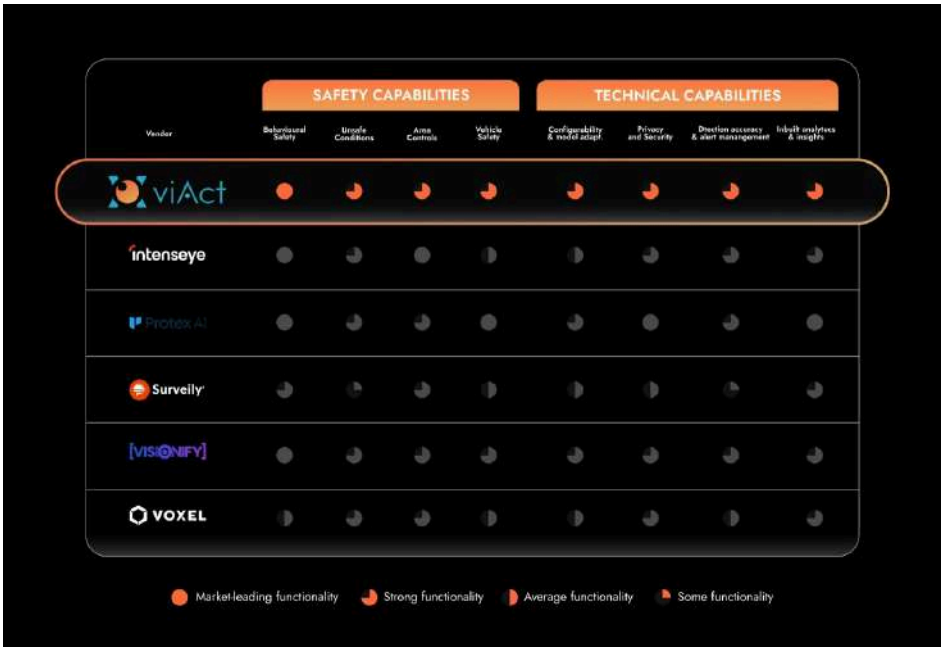
The findings come at a time when organisations have expanded video analytics across multiple use cases, yet continue to face challenges in connecting these systems into cohesive workflows. In many environments, different applications operate independently – monitoring PPE, behaviour, or site conditions, while insights remain distributed across multiple dashboards.

Gary Ng, Founder & CEO of viAct. Photo Credit: Courtesy of viAct.

"What we're seeing across sites today isn't a lack of technology – it's fragmentation. Detection here, dashboards there, and very little connecting it all," said Gary Ng, Co-founder and CEO of viAct, adding that this is exactly what the Verdantix report begins to address. "The challenge is no longer just detection, but how systems connect into workflows and generate insights teams can act on. That's also where the report places increasing emphasis – on capabilities like integration, configurability, and the ability to operate across real-world environments."

This shift is reflected in the report's emphasis on integrated systems that can operate across environments and support real-time decision-making. Rather than focusing on isolated use cases, organisations are increasingly looking for solutions that can unify multiple safety scenarios within a single operational framework.

In this context, viAct's platform is designed to support a wide range of video analytics use cases – from behavioural risks and unsafe conditions to area and equipment monitoring – within a configurable



viAct's AI monitoring in action: Real-time detection of safety non-compliance on construction sites. Photo Credit: Courtesy of viAct / Gary Ng (2026).

system that can adapt to diverse site conditions. At the core of this is its Enterprise Centralised Management Platform (ECMP), which consolidates alerts, incidents, and safety insights into a single interface, enabling organisations to monitor, manage, and respond to risks across sites in a more coordinated and efficient manner.

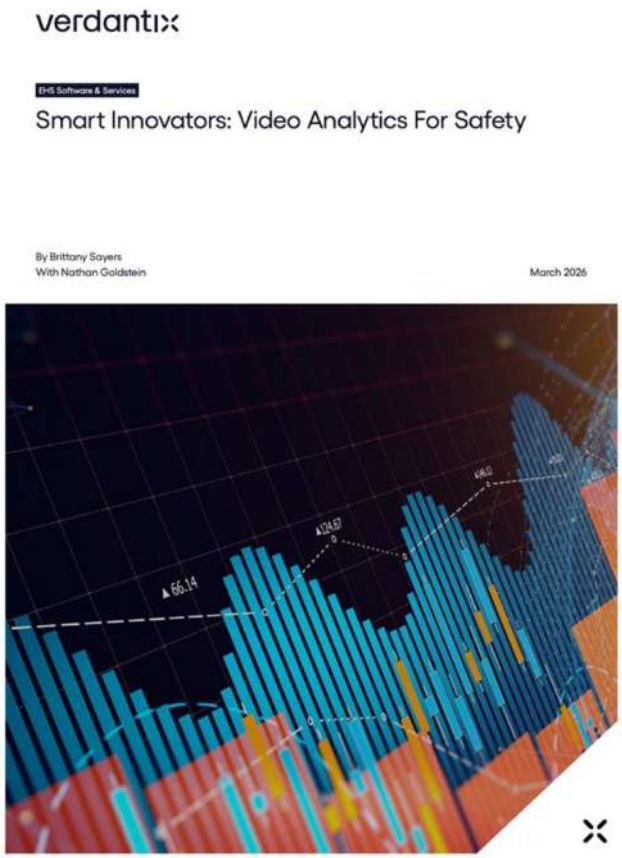
As Ng noted, "the focus has to be on systems that are usable on the ground – configurable, scalable, and able to work across real-world environments – because ultimately, it's not just about detecting risk, but how effectively you can operationalize it in the field."

Looking ahead: Advancing video analytics with agentic capabilities

Much of the fragmentation seen across safety systems today stems from how detection, data, and decision-making remain disconnected. As large language models and more connected intelligence layers begin to be applied to video analytics, there is a growing shift toward systems that can bring these elements together and make outputs more usable in real-world workflows.

The report points in a similar direction, highlighting the emergence of capabilities such as AI agents and more context-aware systems that can extend video analytics beyond detection into operational use.

Looking ahead, viAct is expanding its platform with agentic capabilities and is set to launch over 300 AI agents for heavy industries, each designed to handle specific safety scenarios across complex environments. This reflects a broader move toward making video analytics not just observable, but actionable—supporting how teams interpret and respond to risks on the ground.



Smart Innovators: Video Analytics for Safety. Photo Credit: Courtesy of Verdantix / Brittany Sayers & Nathan Goldstein (2026).

Read the complete report here:
https://www.viact.ai/viact-featured-in-verdantix-report-for-strong-ai-video-analytics-capabilities

Smart Innovators: Video Analytics For EHS Risk Management:
https://www.verdantix.com/venture/report/smart-innovators-video-analytics-for-ehs-risk-management

STAS returns to PHILCONSTRUCT Manila with a strong line up of Singapore companies

The Specialists Trade Alliance of Singapore (STAS) has proudly announced its participation in the upcoming PHILCONSTRUCT Manila 2026 show, which will take place from 25 to 28 June 2026 at the SMX Convention Center and SMX Concert Hall.

For the fourth consecutive year and following a successful previous edition, STAS will once again organise the Singapore Pavilion at the show.

STAS will make a dynamic return with a strong line up of Singapore companies. This year's participating companies are: Airefusion Pte Ltd, NM FIRE Pte Ltd, ESGpedia Pte Ltd, fischer Fixing Systems, Fondaquip Pte Ltd, Foundation Associates Engineering Pte Ltd, Lintec & Linnhoff Holdings Pte Ltd, RepNotes Pte Ltd, Novade Solutions Pte Ltd, Uniseal Singapore Pte Ltd, Cavill Pte Ltd and Joe Green Marketing Pte Ltd.

"We look forward to showcasing solutions, strengthening partnerships, and creating new business opportunities in the region's built environment sector," Eddy Lau, Executive Director, Specialists Trade Alliance of Singapore.

ARHC – ASEAN RHVAC & Cleanroom Industry Expo 2026 concluded successfully

Photo courtesy of ARHC 2026.

From March 25–27, 2026, ARHC – ASEAN RHVAC & Cleanroom Industry Expo was successfully held at the IMPACT Exhibition Center in Bangkok, Thailand.

As one of the most influential industry events in the ASEAN region, the expo brought together global leaders and professionals from the HVACR and cleanroom sectors including Carrier, Daikin, AAF, TROX, Gree, Longlong Cleanroom, ACDT, Cleanstat, EVERCOOL, SC Cooling, Nicotra Gebhardt, Greendii, SANYO DENKI, Best Direction, Sekisui Foam, 3AC, Bry-air, SCCE Solutions, TN Group, NAPA Solutions, Hira Manufacturing, DETCHAI RUBBER, CSA Group, SNYLI, Seemtek Fan, Enlenida, Futai Technologies, Lairun, Shandong Aoma, Shanghai UPG, Shenzhen Teren, Tianjian New Material, Wuhan Huakang, Zhejiang Kaidi Refrigeration, KLC, Tianjin Xinyu, Longxin, Jifeng, TAKAMURA, Jinmu etc..

Beyond technology showcasing, ARHC 2026 served as a vital platform for international business networking and cooperation. Throughout the exhibition, exhibitors and buyers engaged in in-depth discussions, with multiple cooperation intentions reached in areas such as air filtration solutions, industrial cleanroom construction and ventilation systems.

Participants highly praised the event for its high-quality professional audience, strong international presence, and effective on-site organization, noting that it provided excellent opportunities to expand into the ASEAN market.

Photo courtesy of ARHC 2026.

The exhibition has shown strong and steady growth across multiple dimensions—including visitor traffic, audience quality, exhibitor feedback, and social media engagement.

Looking ahead 2027, with deeper industry integration and expanding international collaboration, the exhibition is well-positioned to achieve continued breakthroughs in scale, professionalism, and influence, moving toward becoming a regional benchmark event.

For more information, visit http://www.aseanhvacexpo.com.

ICW Borneo 2026 officially launched in Kota Kinabalu, advancing East Malaysia's role in national construction industry growth

The International Construction Week (ICW) Borneo 2026 was officially launched on 12 May 2026 in Kota Kinabalu, marking the second edition of the regional platform that brings national-level construction industry dialogue, technical expertise, and capability-building closer to stakeholders in East Malaysia.

The Opening and Launching Ceremony was officiated by YB Datuk Seri Panglima Haji Masidi Bin Manjun, Deputy Chief Minister II of Sabah, representing YAB Datuk Seri Panglima Haji Hajiji bin Haji Noor, Chief Minister of Sabah, in the presence of YB Dato Sri Alexander Nanta Linggi, Minister of Works, Malaysia, and YB Datuk Seri Dr Ahmad Maslan, Deputy Minister of Works, alongside senior government officials, industry leaders, and built environment professionals.

Hosted by the Ministry of Works Malaysia and the Construction Industry Development Board (CIDB) Malaysia, and jointly organised by Qube Integrated Malaysia Sdn Bhd, ICW Borneo 2026 builds on the success of its inaugural edition in Kuching, Sarawak, last year. The event reflects a continued commitment to enhance access to industry knowledge, strengthening regional participation, and ensuring more inclusive development across Malaysia's construction ecosystem.

With East Malaysia experiencing growing infrastructure development and an increasing emphasis on sustainability, ICW Borneo 2026 serves as a timely platform to support Sabah's evolving construction landscape.

In his officiating address read by YB Datuk Seri Panglima Haji Masidi Bin Manjun, YAB Datuk Seri Panglima Haji Hajiji bin Haji Noor said: "Sabah today stands at an important turning point. For many years, we have been known for our natural beauty and at times defined by our development challenges. But that narrative is changing — and it is changing with intention.

Through the Sabah Maju Jaya 2.0 Roadmap (2026–2030), we are entering a new phase of growth — one that focuses on strengthening our economic resilience, improving productivity and creating long-term value for our people.

The construction sector will play a central role in this transformation. Moving forward, our priority is clear: to strengthen execution, improve coordination and ensure that projects are delivered efficiently, transparently and with lasting value."

Meanwhile, Minister of Works Malaysia, YB Dato Sri Alexander Nanta Linggi, said the Federal Government, through the Ministry of Works and CIDB Malaysia, has invested more than RM150 million to strengthen Sabah's construction ecosystem through digitalisation, technical excellence and human capital development.

"The construction sector remains a key driver of Malaysia's development, and Sabah holds tremendous potential in infrastructure, sustainable development and regional connectivity.

That is why the Federal Government, through the Ministry of Works and CIDB Malaysia, has made substantial investments to strengthen the State's construction ecosystem.

CIDB Malaysia has established BIM training facilities in Kota Kinabalu with an investment of RM2.25 million to help local industry players build capability and competency in Building Information Modelling (BIM), a critical technology for improving productivity and project delivery.

It has also strengthened Makmal Kerja Raya Malaysia (MKRM) Sabah, which now operates as an internationally accredited testing facility providing advanced material testing, inspection and technical support services. With a Federal Government investment of approximately RM19.4 million, the facility enables industry players in Sabah to access world-class testing services locally, accelerating project delivery and enhancing ease of doing business.

In addition, CIDB has invested RM130.6 million to build a new eco-campus in Sabah, which will be the most modern Akademi Binaan Malaysia (ABM) campus in Malaysia and will accommodate up to 700 trainees at any one time. The groundbreaking ceremony for the new campus in Beringgis, Papar was officiated last year by the Chief Minister of Sabah together with the Minister of Works.

Since 2001, ABM Sabah has trained more than 195,000 Sabahans, creating pathways to meaningful employment in the construction industry both locally and internationally.

Together, these initiatives represent investments of more than RM150 million and underscore our unwavering commitment to ensuring that Sabah has access to the same world-class facilities, technical expertise and skills development opportunities available elsewhere in Malaysia."

"The strong participation in ICW Borneo 2026 is itself a powerful vote of confidence in Sabah's future.

International Construction Week (ICW) Borneo 2026 was launched on 12 May 2026, marking the second edition of the regional platform that brings national-level construction industry dialogue, technical expertise, and capability-building closer to stakeholders in East Malaysia.

(From left):
1. Mr. Suhaimi Mansor, Senior General Manager, CIDB Malaysia
2. YB Dato Ir. Haji Yusuf bin Haji Abd. Wahab, Chairman, CIDB Malaysia
3. YB Dato Sri Alexander Nanta Linggi, Minister of Works, Malaysia
4. YB Datuk Seri Panglima Haji Masidi Bin Manjun, Deputy Chief Minister II / Minister of Finance Sabah
5. YB Datuk Seri Dr. Ahmad Maslan, Deputy Minister of Works, Malaysia
6. Mr. Neldin Gimbang, Deputy Permanent Secretary, Ministry of Works and Utility Sabah
7. Mr. Richard Teo, Executive Chairman, Qube Integrated Malaysia Sdn Bhd

Through BuildXpo Malaysia (Borneo), we are showcasing technologies and solutions from companies from Europe, China, Kuala Lumpur, Sarawak and Sabah. Their presence demonstrates the growing recognition that Sabah offers tremendous opportunities for infrastructure development, sustainable construction and industrial growth.

ICW Borneo demonstrates what can be achieved when government, industry leaders, technology providers and practitioners come together on one platform to exchange ideas, forge partnerships and develop practical solutions.

To illustrate the potential of such platforms, ICW and BuildXpo 2025 in Kuala Lumpur generated significant business outcomes. Seven memoranda of understanding were signed with companies from Malaysia, Cambodia, Singapore, China and South Korea. Through the International Sourcing Programme organised with MATRADE, foreign buyers from 11 countries participated in 89 business meetings, generating projected sales of RM1.4 billion.

These achievements demonstrate the tremendous potential of ICW and BuildXpo as platforms not only for knowledge sharing, but also for creating real business opportunities, attracting international partnerships and opening new markets for industry players.

ICW Borneo is a model with significant potential for further expansion in Sabah. With the strong support of the Sabah Government and the private sector, such a platform can continue to strengthen the State's construction ecosystem and position Sabah as a leading hub for innovation, skills development and sustainable infrastructure in the region."

Aligned with the broader ICW 2026 theme, "Beyond Limits," this year's Borneo edition calls on the industry to move beyond conventional practices

YB Datuk Seri Panglima Haji Masidi Bin Manjun, Deputy Chief Minister II / Minister of Finance Sabah, tries his hand at a simulator at the Akademi Binaan Malaysia (ABM) booth after officiating the Opening and Launching Ceremony of the International Construction Week (ICW) Borneo 2026.

and accelerate transformation through innovation, collaboration and digitalisation.

A key highlight of ICW Borneo 2026 was the Construction Sustainability Summit (CSS) 2026, themed "From Ambition to Action: Delivering Sabah's Sustainable Future," which brought together policymakers, industry leaders and professionals to explore practical pathways in advancing sustainable infrastructure, ESG adoption and low-carbon construction.

The event also featured a series of technical and industry-focused sessions, including "Fair Contracts, Fair Outcomes – Managing Risks and Avoiding Disputes in Construction Projects," "BIM Beyond Design: Towards Digital Construction in Borneo," and the National Crane Competition Bootcamp & Talk. Participants also took part in a technical visit to Makmal Kerja Raya Malaysia (MKRM) Sabah, while approximately 150 trainees from Akademi Binaan Malaysia (ABM) Sabah and CIDB Technologies were celebrated during a graduation ceremony on the final day of the event.

ICW Borneo 2026 has brought together approximately 1,000 participants from across Malaysia and beyond, including industry leaders, policymakers, technical experts and exhibitors from Europe, China and various parts of Malaysia, reinforcing Sabah's growing importance as a strategic hub for construction innovation and collaboration.

ICW Borneo 2026 also serves as a precursor to the flagship International Construction Week (ICW) and BuildXpo 2026, which will take place from 10 to 12 November 2026 at MITEC, Kuala Lumpur. The event will feature a large-scale international exhibition and the co-location of Glasstech Asia & Fenestration Asia 2026, offering expanded opportunities for business, innovation and collaboration.

ICW Borneo 2026 underscores the Federal Government's commitment to strengthening Sabah's construction ecosystem through substantial investments in technical infrastructure, digital capability and workforce development. At the same time, the strong participation of international and regional industry players highlights growing confidence in Sabah's development potential and reinforces the State's position as an emerging hub for construction innovation and collaboration in the region.

For more information and updates, visit https://icw.my/

Tvasta and 14Trees launch Cedar: An AI-ready 3D concrete printer designed for scalable construction automation

Co-developed with '14Trees', a global construction technology company, 'Cedar' is developed, engineered, and manufactured in India by Tvasta and delivers scalable industrial production processes that ensure consistent quality and rapid deployment.

Deep-tech startup Tvasta Manufacturing Solutions, specialising in construction automation and 3D printing technologies, is taking 'Make in India' innovation to the global stage. The IIT Madras-incubated company has partnered with 14Trees, a global construction technology company, to develop and launch Cedar, an AI-ready 3D concrete printer designed to accelerate the adoption of automated and digital construction worldwide.

Both companies are rapidly expanding their global footprint, with operations, partners, and clients across the United States, Europe, the Middle East, Asia, and Africa. Their growing international presence reflects the increasing global demand for scalable, automation-led construction technologies that can address cost, speed, and sustainability challenges across diverse markets.

Developed, engineered, and manufactured in India by Tvasta, Cedar combines advanced robotics,

(From left) Mr Parivarthan Reddy COO-Tvasta, Mr Adithya VS CEO-Tvasta, Mr Frederick Bester Head of R&D-14Trees, and Mr Pragadeeswar AP CTO-Tvasta. Photo credit: Tvasta

Photos above and right: The Cedar 3D Concrete Printer. Photo credit: Tvasta

large-format printing capabilities, and AI-driven material optimisation to make automated construction more cost-effective, scalable, and commercially accessible. The platform has been designed to support industrial-scale deployment while ensuring consistent quality, operational reliability, and rapid implementation across a wide range of construction environments.

Founded in 2016 by IIT Madras alumni, Tvasta has developed indigenous technologies focused on leveraging automation, robotics, and digital manufacturing for faster, more economical, and sustainable construction methods compared to conventional building technologies. The company is headquartered in Chennai.

Designed to accelerate the global adoption of robotic construction technologies, Cedar marks a major evolution in automated construction systems. By combining Tvasta's expertise in robotic engineering and industrial system manufacturing with 14Trees' strengths in design optimisation, material science, and large-scale project execution, Cedar has been engineered to significantly improve the economics, scalability, and accessibility of large-scale digital construction.

Elaborating on how Cedar improves cost competitiveness at the scale required for the global construction industry, Mr. Francois Perrot, CEO, 14Trees, said: "Automated construction technologies have already demonstrated strong technical viability. For these technologies to scale across the global construction industry, they must also make strong economic sense for developers and contractors. Cedar was designed to dramatically improve project economics, lower adoption barriers, and enable construction companies to deploy automation at scale."

Further, Mr. Adithya V S, CEO, Tvasta, said: "By combining advanced manufacturing capabilities with cutting-edge robotics, software, and scalable engineering systems, Cedar delivers a robust and reliable platform built for deployment across highly diverse construction environments globally."

AI-driven material optimisation

Another major innovation is Cedar's ability to print using standard concrete formulations rather than specialised mortar-based materials. While many existing systems rely on expensive proprietary materials that limit sourcing flexibility, Cedar is engineered to work with locally available concrete mixes, reducing material costs by up to 5x and helping bring industrial-scale automated construction into the mainstream.

A key component of the Cedar platform is the 14Trees AI Companion, a digital intelligence layer designed to optimise material performance using locally available resources. Leveraging AI-driven analysis of thousands of mix designs, the platform enables project teams to achieve the optimal balance between cost efficiency, structural performance, sustainability, and deployment flexibility across diverse geographies.

Over the past several years, 14Trees and Tvasta have delivered a series of flagship digitally constructed buildings across multiple sectors worldwide, including housing, educational facilities,

offices, and technical infrastructure. These projects have demonstrated the viability of automation-led construction as a faster, smarter, and more efficient building methodology.

At the core of Cedar's design is a portal-frame architecture optimised for large-scale construction environments. The system delivers printing volumes comparable to existing large-format construction printers while requiring approximately half the capital investment, creating a significantly more attractive business case for adopters.

The printer is designed for a wide spectrum of applications. With up to 10 metres of printing height and an extendable footprint of up to 240 square metres, Cedar can support projects ranging from residential and commercial buildings to industrial facilities and infrastructure components.

Cedar systems are globally deployed by 14Trees, which provides end-to-end support services including design optimisation, materials development, operational training, and on-site project delivery.

The Cedar 3D Concrete Printer is positioned to support developers, contractors, infrastructure firms, and public sector clients seeking to deliver projects faster, smarter, and more cost-efficiently. Cedar represents a major step toward industrialising construction through automation, enabling faster, smarter, and globally scalable building solutions.

Focusing on advanced nodes and extreme environmental control: The 10th APCTEE set for September in Guangzhou

Bridging ASEAN industry networks to fortify microenvironment control frontiers for semiconductor, biopharma, and EV battery sectors.

As global advanced manufacturing pushes the boundaries of precision, the requirements for extreme contamination and environmental control are undergoing a major paradigm shift. The 10th Asia-Pacific Cleanroom Technology & Equipment Exhibition (APCTEE 2026), the region's flagship event for the contamination control industry organized by the Guangdong Association of Cleanroom Technology (GACT) and other leading organizations, is officially scheduled to take place from September 16 to 18, 2026, at the Canton Fair Complex in Guangzhou, China.

Industrial paradigm shift: Addressing the vulnerabilities of extreme environments

Entering 2026, high-tech manufacturing faces unprecedented microenvironment challenges. From sub-3nm semiconductor fabrication demanding near-zero tolerance for Airborne Molecular Contamination (AMC), to the rigid sterility barriers required by Cell and Gene Therapy (CGT), and the hyper-strict humidity controls (ultra-low dew point dry rooms) essential for next-generation EV battery production—cleanroom technology has evolved from a secondary utility into a primary determinant of production yield and full-lifecycle product safety.

To address these critical market dynamics, APCTEE 2026 has significantly expanded its exhibition profile. The event will comprehensively showcase solutions across the entire supply chain, including advanced air purification systems, high-purity process piping, ESD containment structures, ultra-low energy RHVAC systems, and high-precision monitoring instrumentation, offering integrated solutions to support the next generation of industrial upgrades.

Synergizing global networks: Empowering cross-border tech transfer

Marking its milestone 10th anniversary, APCTEE 2026 is leveraging its established network to enhance international collaboration. This year, the exhibition has deepened its strategic partnerships with key regional bodies, including the Specialists Trade Alliance of Singapore (STAS), the Association of Environmental Construction and Micro-contamination Control (ASENMCO), and core industry organizations across ASEAN countries like Thailand and Malaysia, aiming to dismantle market information barriers and accelerate the alignment of cross-border technical standards.

Elliot Yu, Deputy Secretary-General of GACT, commented on the upcoming event: "Entering its tenth year, APCTEE has evolved from a conventional trade platform into a premier global hub for cutting-edge cleanroom insights and green decarbonization strategies. This year, we are zeroing in on three core pillars: intelligence, systemic integration, and low-carbon operation. By bringing together top-tier global brains and supply chain resources, we aim to help manufacturers elevate microenvironment precision while substantively reducing the operational energy footprint of cleanrooms, charting a sustainable path forward for the industry."



Photo credit: APCTEE Expo

Industry brain trust: Concurrent forums on compliance and tech horizons

To maximize the event's thought leadership, the concurrent "2026 Asia-Pacific Cleanroom Technology Summit" along with specialized technical seminars focusing on semiconductor fabs, cleanroom energy optimization, and pharmaceutical regulatory compliance (GMP/FDA) will be held. Renowned scholars, international standardization experts, and C-level executives from industry leaders will convene to dissect the latest ISO standard developments and share real-world case studies on vertical industry environmental control.

With prime booth spaces entering the final booking phase, pre-registration for professional buyers and international delegations is now officially open.

For more information, visit the website https://www.clcte.com/index.php?lang=en

ARCHIDEX 2026 returns to MITEC this July with "The Bold Future" theme

ARCHIDEX 2026 returns from 29 July to 1 August 2026 at MITEC, Kuala Lumpur. Jointly organised by Pertubuhan Akitek Malaysia (PAM) and C.I.S, the event marks its 25th edition as Asia's leading architecture business platform. Under the theme "The Bold Future," ARCHIDEX 2026 evolves into a fully integrated "confex" ecosystem, merging exhibitions, conferences, and industry activation to shape Asia's built environment.

The consolidation of the exhibition marks a strategic expansion – growing by 20 percent to cover 39,000 square metres. It is set to host nearly 900 exhibitors from 20 countries and regions with over 2,200 booths and welcome approximately 40,000 trade visitors from over 100 countries and regions. The event is expected to generate RM1.4 billion in business transactions, underscoring its role as a high-impact trade platform.

A key highlight is the ASEAN Real Estate Conference (AREC), a collaboration with the Ministry of Housing and Local Government (KPKT). Minister Yang Berhormat Tuan Nga Kor Ming described the event as a "global nexus where policymakers and industry leaders meet to exchange transformative ideas" and implement them at a local level.

The event continues to serve as a premier regional knowledge platform through:

- DATUM: The region's largest architectural conference organised by PAM.
- Asia Space Design Summit: Focusing on spatial intelligence.
- Asia Workplace Design Conference: Redefining work environments.

The 2026 edition features specialised zones including:

- World of Works (WoW): Adaptive, human-centred workplace environments.
- A Hospitality Anthology (aha): A new feature exploring transformations in hospitality design.
- FENESTEX: Window, door, glass and façade technologies and forums.
- Digital @ ARCHIDEX featuring smarteX: Showcasing BIM, AI, and smart building systems.

To enhance accessibility, dedicated free shuttle services will run from KL Sentral and Sunway Putra Mall to MITEC.

For more information, visit https://archidex.com.my/ .

Malaysia Housing and Local Government Minister YB Tuan Nga Kor Ming.


Exhibitors, business partners, and media attend the ARCHIDEX x AREC 2026 Preview launch ceremony.

Malaysia Housing and Local Government Minister YB Tuan Nga Kor Ming (centre) launching the ARCHIDEX Preview 2026.

Deluxe Systems and Libart: Redefining the Horizon with Kinetic Architecture

Deluxe Systems is proud to announce a strategic partnership with Libart, the global pioneer in kinetic architectural solutions.

This collaboration introduces the revolutionary concept of “Motion in Architecture” to Singapore and Southeast Asia through the innovative Panoramic Glazing collection.

These systems are engineered to erase the boundaries between indoor comfort and outdoor freedom, offering unmatched versatility for high-end residential and commercial projects.

Leading the range is Panora Windows & Doors. Unlike traditional sliding systems, Panora features vertical retracting glass that moves seamlessly downwards. When fully open, the panes function as a sleek glass balustrade, providing completely unobstructed views and natural ventilation without the need for bulky frames at eye level.

For overhead brilliance, the Solaglide sliding glass roof system offers a sophisticated solution.

Engineered with high-performance thermal insulation and robust weather sealing, Solaglide allows users to open their living space to the sky at the touch of a button. It is the perfect blend of structural engineering and lifestyle, providing a "retractable room" experience that adapts to any weather condition.

The Skylight series takes this a step further with large-opening retractable systems. Designed for expansive spaces, these skylights flood interiors with natural light and provide a dramatic connection to the outdoors, transforming the atmosphere of any building.

Finally, for versatile outdoor areas Libart’s Freestanding telescopic enclosures offer independent, movable structures. These systems provide year-round usability for terraces, gardens, or poolside areas, offering protection from the elements while retaining the ability to fully retract when the sun is shining.

By combining Libart’s three decades of innovation with Deluxe Systems’ dedication to premium quality, the two companies are setting a new benchmark for architectural excellence.

These products don't just cover spaces; they liberate them.

Explore the future of kinetic design and redefine your environment with Deluxe Systems and Libart.

For more details, contact Deluxe Systems at +65 62099830 or info@ds.asia. Visit the https://www.ds.asia for the full range of products.

By combining Libart’s three decades of innovation with Deluxe Systems’ dedication to premium quality, the two companies are setting a new benchmark for architectural excellence. Photos courtesy of Deluxe Systems.

From ground to skyline, greenery continues from the linear park and nearby nature reserves to the sky terraces.

Labrador Tower

A Modern Homage To The Area's Heritage

Located at 1 Pasir Panjang Road in Singapore, Labrador Tower is a new 34-storey Grade A commercial office tower and a Green Mark Platinum Super Low Energy building that incorporates nature throughout its design.

Labrador Tower, built in the vicinity of Pasir Panjang Power District, was designed as a 34-storey, 183-metre Grade A Commercial Office Tower. Its extensive glass facade takes advantage of the development's location, offering panoramic views of the Singapore Straits and Sentosa Island.

The project will feature Southeast Asia's largest underground substation, and integrates operational offices, amenities, and retail spaces.

Commissioned by SP, Singapore's electricity and gas transmission and distribution operator, the development prioritises sustainability in its design.

The development includes a linear park frontage, linking the project with heritage sites, Labrador Nature Reserve, a coastal green belt and cycling amenities. The architectural design of the Labrador Tower in Singapore draws inspiration from the concepts of embedded energy and gravity with interlocking boxes.

Integration with nature

The development is integrated into its surroundings through a linear park that draws in the landscape from Labrador Nature Reserve – which continues along the linear park and is brought vertically up into the sky terraces. The tower's occupants are afforded proximity to nature, and are able to enjoy a visual connection to the nature reserve with its panoramic views.

An energised core

Labrador Tower's office spaces are conceptualised as stacks of boxes that carry the heritage of the site as a power generation plant in its core. The tower's design is an abstraction of a power cable that carries copper wires within, which are revealed as copper coloured terracotta walls in the open sky terraces of the building. The colours pay homage to the warm terracotta brick facades historically associated with the Pasir Panjang Power District.

Urban connection

Labrador Tower is connected to other office buildings on the opposite side of the West Coast Highway Viaduct via a pedestrian overhead bridge. The tower's reception, lift lobby and vehicular drop off are located on its second floor instead of its ground level. This forms a 24/7 publicly accessible elevated pedestrian connection between the Pasir Panjang Power District and the MRT station.

Super Low Energy Grade A office

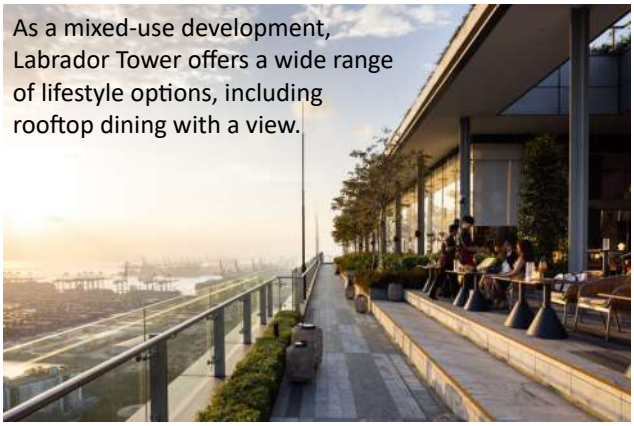
Designed to be a sustainable development, the tower features a 70 percent green replacement rate and has received Green Mark Platinum Super Low Energy (SLE). Its façade features high efficiency double glazing with Low-E coating. Its interior spaces are cooled by a hybrid air distribution system and active chilled beams, enhanced by an intelligent micro climate control system, to reduce heat load and optimise energy savings by over 40 percent.

The tower has also been designed with perimeter daylight sensors along its façade – which will automatically dim interior artificial lighting in response to natural daylight levels – to optimise energy usage in the office floors.

Text by: SJ Group
Project name: Labrador Tower
Purpose: Mixed-Use & Commercial
Location: 1 Pasir Panjang Road, Singapore
Owner & Developer: SP Group
Architect: SJ Group
Interior Design: B+H Architects
Civil & Structural Engineer: Surbana Jurong
Mechanical & Electrical Engineering: Surbana Jurong
Quantity Surveying & Project Management: Surbana Jurong
Blast Consultancy: Prostruct Consulting
Security by Design: AETOS, Certis
Total floor area: 128,500 square metres (comprising of office area, retail and utility spaces)
Height: 183 metres
Number of floors: 34
Completion: 2025
Photo credit: SJ Group

A welcoming destination for the surrounding offices and working crowd.


A Grade-A commercial office tower built in the vicinity of Pasir Panjang Power District.


As a mixed-use development, Labrador Tower offers a wide range of lifestyle options, including rooftop dining with a view.


Located at the southern tip, Labrador Tower offers panoramic views of the Singapore Straits and Sentosa Island.

Overall exterior view

Hamamatsu Iwata Credit Union Head Office And Main Branch

A Modern Interpretation Of Traditional Japanese Architecture

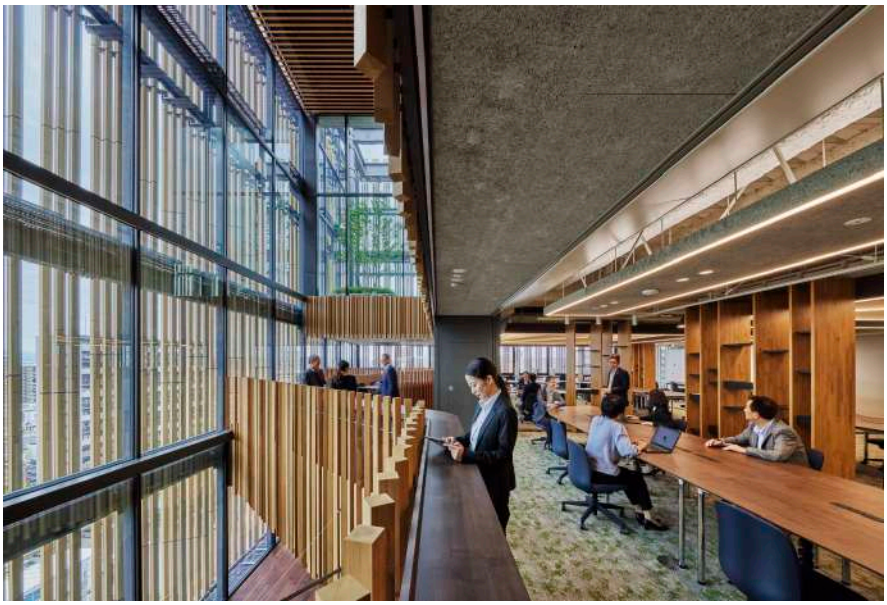
For this project, Nikken Sekkei proposed a workplace based on a modern interpretation of traditional Japanese architecture: an intermediate space, akin to an engawa (veranda) that wraps around the living areas, softly partitioned by flexible dividers such as fusuma (sliding doors) and shoji (sliding screens).

Fostering a sense of family and accelerating decision-making though a robust workplace, this redevelopment plan for two buildings – the head office and main branch – spans two sites facing the town's symbolic Hamamatsu Castle. It was brought to fruition by hinkin ank (credit union) with deep roots in this historic castle town.

Nikken Sekkei has been involved in designing distinctive service hubs for the credit union's branches since 2011, prioritizing the institution's connection with the community. Extensive discussions were held with the credit union's officers and staff to determine how the new headquarters workplace should look in order to unify the branches and foster new services. The outcome identified two key requirements: accelerating decision-making and fostering a sense of family across three hierarchical levels: 1) between department heads, 2) within departments, 3) and among staff.

As a solution, Nikken Sekkei proposed a workplace based on a modern interpretation of traditional Japanese architecture: an intermediate space, akin to an engawa (veranda) that wraps around the living areas, softly partitioned by flexible dividers such as fusuma (sliding doors) and shoji (sliding screens).

The prior-held belief that 'the office = a column-free long-span structure' was challenged. Offsetting the perimeter columns by five metres created a nested plan that structurally liberated the perimeter. The perimeter zone, which serves as a buffer



Head office interior

Head office interior

between the exterior and interior, was designed to resemble a veranda. The enclosed interior zone (living room) yields spaces with distinct environments that offer variety in workplace.

The living room is softly partitioned by raised ceilings and movable shelving. This space can transform into a workplace where all staff, from new-hires to managing directors, can gather, reflecting the company culture of psychological closeness among staff and vigorous interdepartmental communication.

The generously proportioned veranda, spanning over five metres, connects the upper and lower floors, functioning for both movement and also as a workplace with areas for gathering and milling.

This creates a thermal, acoustic, and visual environment with variations that allow for influences from the external surroundings.

The building is enveloped by both terracotta and timber louvers that wrap the building perimeter allowing for views of Hamamatsu Castle while controlling solar radiation. This manages sightlines from the residential neighbourhood and at the same time imparts the pleasant sensation of strolling through the city's Tenryū Forest.

"The Annex," a secluded, detached meeting space, was also provided in one corner of the veranda.

Rather than prioritizing uniformity for all users, the fundamental structure of the architecture was re-examined, creating a robust workplace centered on people that proactively embraces heterogeneity.

This approach has yielded a solution for future office architecture.

Natural environmental architecture

Although the project's design phase coincided with the onset of the COVID-19 pandemic, information confidentiality inherent to financial institutions meant that a high worker occupancy rate was anticipated. This made passive design elements, such as latent heat load management and natural ventilation crucial. In this project, the sensible/latent heat separation air conditioning system utilizes a desiccant air handler to harness abundant well-water along with solar heat, in a region with one of the longest yearly periods of sunshine in Japan. Utilizing an existing well resulted in a 46.5 percent groundwater substitution rate for total water usage, balancing energy savings with reduced strain on public infrastructure.

Sliding windows were installed on the exterior. The upper part of the atrium was fitted with a natural ventilation system featuring a wind- and temperature-sensitive automatic opening-and-closing mechanism. Eco-lamps that promote natural ventilation were installed, enabling staff to actively participate in and enjoy the richness of nature. The exterior louvers gradually change angle to moderate prevailing winds during transitional seasons, and direct gentle breezes to the interior.

A seesaw-like structural form is balanced by cantilevered beams that extend from both sides of the perimeter. This allows the outer perimeter columns to be offset by an optimal five-metre span. This results in a smaller underground foundation footprint, reducing steel usage, excavation volume and structural mass. Demolition waste was also minimized by conducting soundness surveys and utilizing the existing underground structure as the

Head office interior

Head office entrance interior

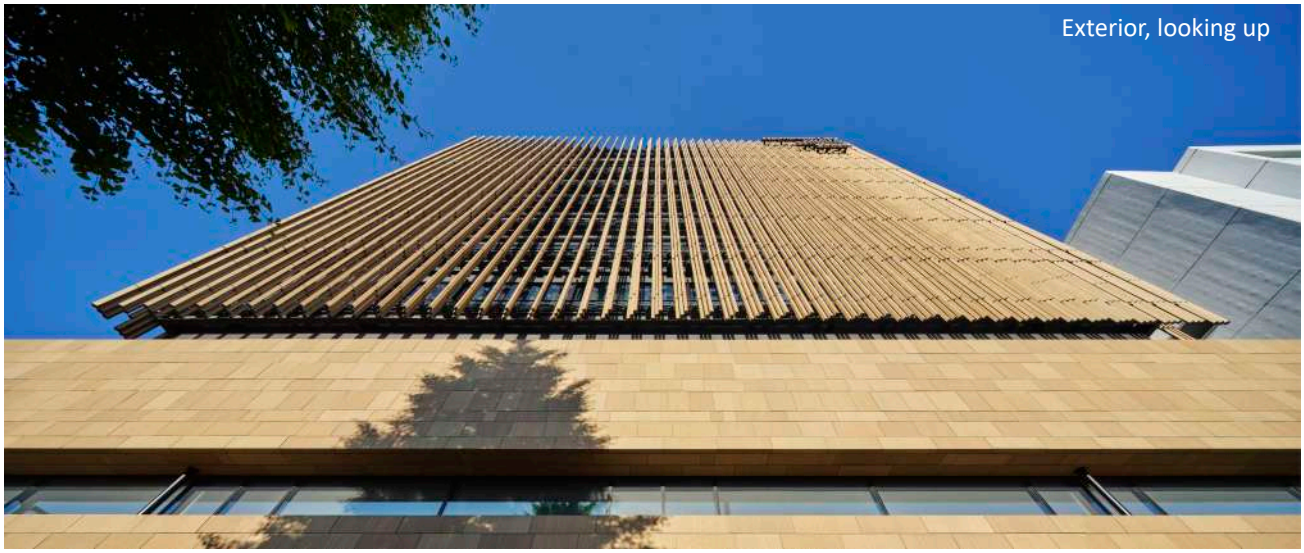
main framework. These measures contributed to a 14 percent reduction in structural CO2 emissions and approximately a 40 percent reduction in upfront carbon emissions, thereby lowering the project's environmental impact.

By creating an open atrium-like area unencumbered by columns or beams, a sense of openness and connection to the outdoors is achieved, enhancing comfort and improving the overall thermal experience. This change in psychological tolerance eases the load on the HVAC system, enabling a more flexible equipment plan that is tolerant of temperature variations. Rather than relying on technological innovation or making assumptions about what can be compromised, Nikken Sekkei pursued an environmental architecture that respects natural principles while utilizing existing conditions and materials.

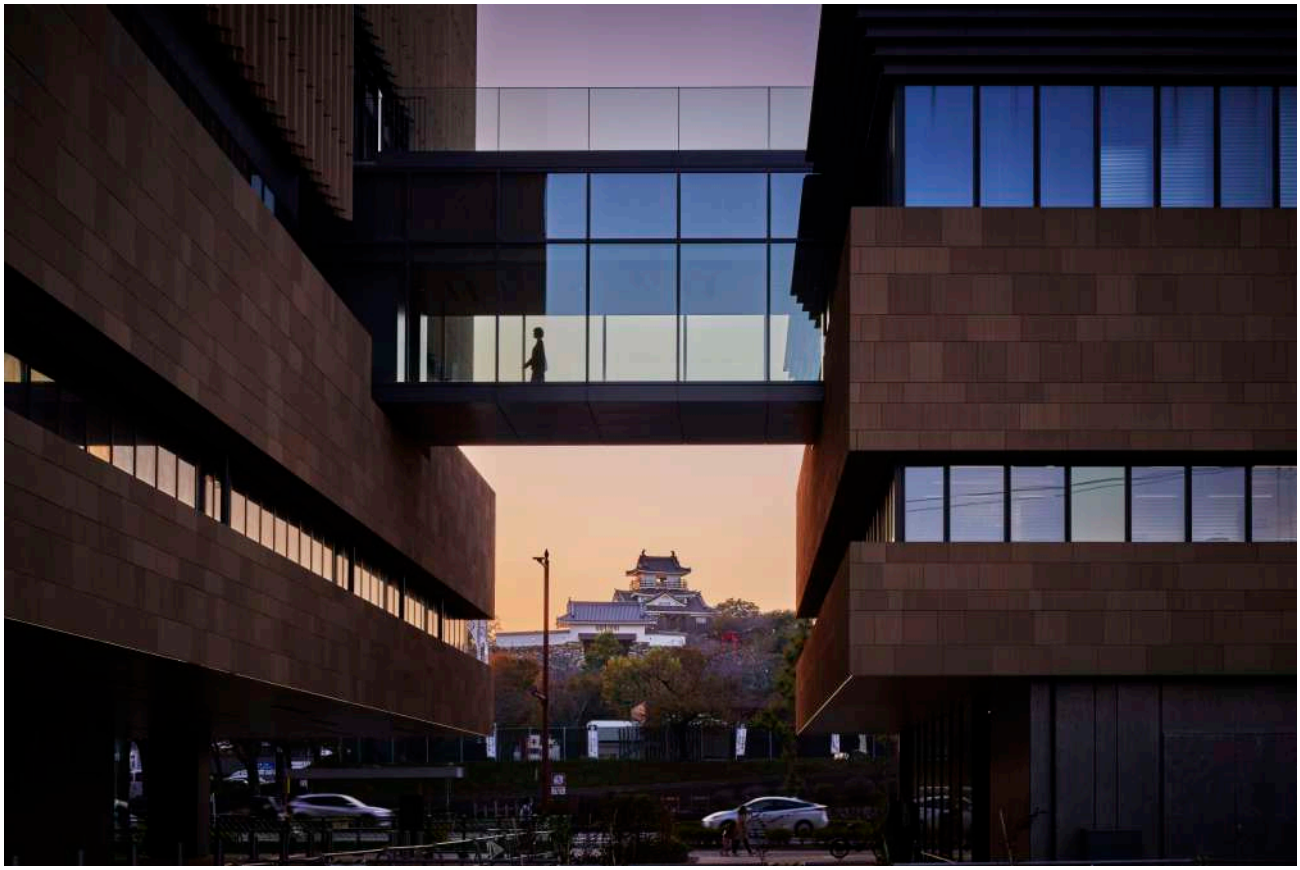
A generous world created by "variation"

In order to create an office that fosters affection and enriches the spirit – a space imbued with tolerance and humanity – Nikken Sekkei designed architecture featuring "variation" to contrast with industrial and modern uniformity. Natural materials like terracotta and wood were employed of varying textures, angles, thicknesses, and lengths to create shadows, lending space depth and warmth. For example, the exterior terracotta has three surface patterns (rough, concave, and grooved), along with natural "firing" variations caused by temperature fluctuations. These patterns were randomly arranged, including the positioning of joints, to emphasize shadow play. Solid wood was used to highlight inherent material character. Rotating installation angles and combining multiple member sizes yields a space whose appearance shifts depending on the viewing angle.

Embracing heterogeneity makes colour variations, stains and dimensional irregularities, etc. become less noticeable. The improved material yield contributes to waste reduction. Just as each person has individuality, the aim was to create a generous architecture where variations and inconsistencies are perceived as characteristics that come together in harmony.



Exterior, looking up



Connecting bridge exterior at sunset.

Roof terrace exterior

Roof terrace exterior

Text by: Nikken Sekkei
Project name: Hamamatsu Iwata Shinkin Bank Head Office and Main Branch
Purpose: Office / Bank
Location: Hamamatsu-city, Shizuoka, Japan
Client: Hamamatsu Iwata Shinkin Bank
Lead architect: Nikken Sekkei Ltd
JV・Joint Design・Supervision・Consulting, etc.: FF&E： TOMO Design Office
Construction contractor: Taisei Corporation, Suyama Corporation, Nakamuragumi - Specific Construction Project JV

Site area: 4,390.26 square metres
Total floor area: 16,178.41 square metres
Number of floors: 10 above-ground floors
Eave height / max height: 43.34 metres / 44.64 metres
Main structure: Steel-reinforced concrete construction, steel frame construction
Completion: August 2023
Photo credit: Fumito Suzuki

Blue & William

Innovative & Healthy Office Building

With a focus on the incredible views across Sydney Harbour towards the city, the building design of Blue & William celebrates its unique location at the junction of the city and the leafy, characterful harbourside suburb to the south.

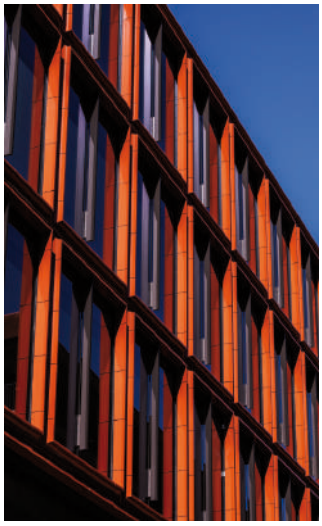
Nestled within the verdant landscape, Blue & William seamlessly integrates street-level red brick with a terracotta facade inspired by neighbouring rooftops, while its terraces offer panoramic views of Sydney Harbour.

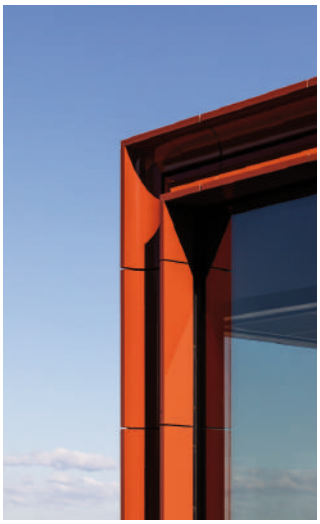
Over 10 carefully considered levels, Blue & William is a mid-scale commercial building designed to celebrate its location and maximises the stunning Sydney Harbour and city views.

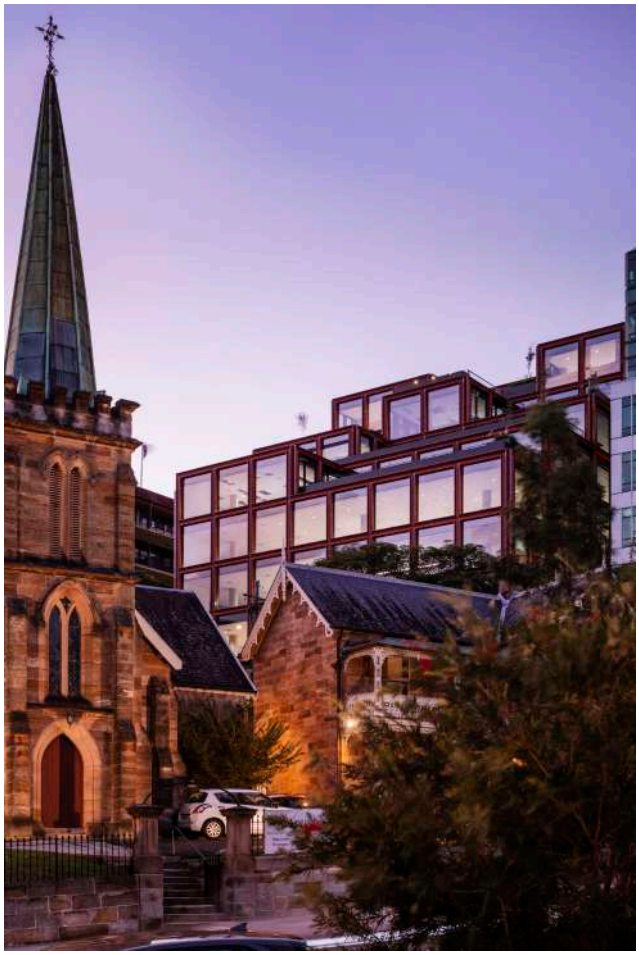
Located on North Sydney CBD's southwest fringe, the building has a unique skyline presence. Its modest scale and locally inspired materials set it apart from neighbouring commercial structures, adding a touch of style inspired by place.

Terracotta, kiln-fired and glazed in a reddish-ochre finish, frames each oversized 3.6 metres x 3.6 metres floor-to-ceiling window, provide passive shading and add character to the glass facade, while the building's form is enhanced by a series of cascading terraces magnifying the water and city panorama.

The deployment of terracotta at Blue & William is a direct response to the neighbourhood, a place of red bricks and terracotta roofs leading down to the Harbour edge, wrapped around a site-specific, future conscious workplace. Continuing the theme, a selection of the red bricks from the Deco-period apartment blocks that previously







stood on the site were retained and integrated into the new building.

The same approach was taken with sandstone excavated from the site, which has two primary street conditions requiring different approaches.

To the south Woods Bagot pulled in the façade at Blue Street to create a more generous public space and sense of arrival, creating a public gesture of giveback to the community.

On William Street, the character changes and has created a quieter, more landscaped edge that mediates the falls and buffers of the building from the street and neighbours.

The building's form responds to the sloping site and view, with the cascading terraces a key element that open the building up to the natural environment and enable staff to work outside if they want.

Building users are greeted by rich landscape and materiality drawn from the public spaces on Blue Street and into the lobby and wellness garden, which engages all users with nature.

There is a visual connection to landscape at all levels including the ground floor where the tree canopy of the wellness garden and the Blue Street landscape connect via the lobby.

The form lifts off the ground plane to connect the public spaces to the heart of the building. Integrated public domain seating utlilises brickwork along Blue and Williams Streets.

Brick slip soffits at lower levels clearly define the masonry reference at a three-storey scale – both floor finish and soffit finish are brick.

Armed with deep insight into the rapidly changing urban landscape of the area, Woods Bagot has conceived an innovative and a healthy workplace building that redefines workplace lifestyle.

Text by: Woods Bagot
Project name: Blue & William
Purpose: Office Building
Location: North Sydney, Australia
Developer: Lendlease
Architect: Woods Bagot
Size: 15,300 square metres
Number of floors: 10
Completion: 2023
Photo credit: Trevor Mein

The Axiom serves as both an architectural focal point and a symbol of Shanghai's ongoing transformation. Photo by Xiaobin Lv.

The Axiom by Büro Ole Scheeren

A New Urban Landmark

The Axiom by Büro Ole Scheeren is a landmark mixed-use development in Shanghai's Yangpu District, comprising two high-rise towers linked by a podium at their southern edge. Rising to 280 metres and 250 metres, the towers form the centrepiece of The Springs, the largest Chinese development by Tishman Speyer.

Positioned within one of Shanghai's fastest-growing, innovation-driven districts, The Axiom acts as both an architectural focal point and a symbol of the city's ongoing transformation. The development has been designed to meet the district's growing demand for flexible, high-quality workspace, providing over 2 million square feet of office, hotel, retail, and cultural space within a single integrated scheme. Ole Scheeren's design presents a contemporary update to the archetype of the corporate skyscraper with a minimalist, functional aesthetic heralded by Mies van der Rohe's Seagram building in New York.

A defining feature of the towers is the use of an offset core, in which elevators and services are shifted to the building's perimeter rather than its centre. An offset core design is especially unique in buildings over 250 metres, making up just 3 percent of the world's 500 tallest buildings. This approach liberates the interior floorplates from structural and mechanical constraints, enabling

A landmark mixed-use development in Shanghai's Yangpu District, featuring two high-rise towers connected by a shared podium. Photo by Xiaobin Lv.

Openings are carved into the towers, forming sculptural sky terraces that offer panoramic views of the city. Photo by Iwan Baan.

The towers feature offset cores that liberate the interior floorplates, while exposed illuminated elevators add a dynamic layer to the exterior. Photo by Xiaobin Lv.

expansive, column-free and highly adaptable workspaces reflecting Shanghai's entrepreneurial energy.

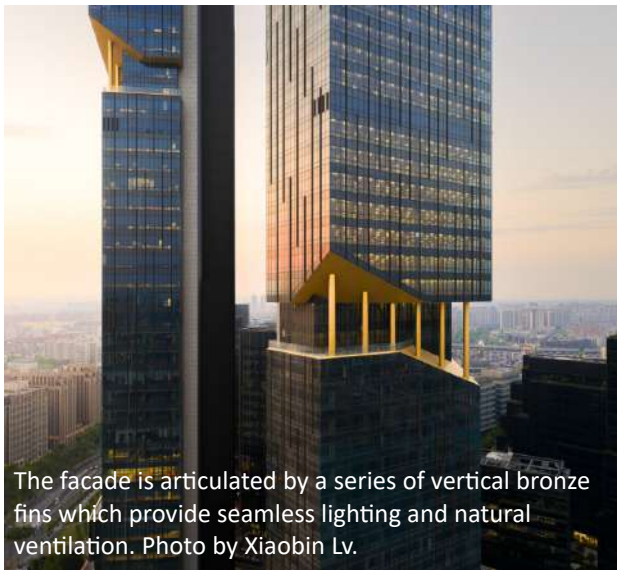
The towers are further shaped by carved volumetric openings that form sculptural Sky Terraces.

These shared spaces, framed by gold edges, function as social hubs, encouraging interaction and collaboration while offering panoramic views of the city. The façade is articulated by vertical bronze fins that also provide seamless lighting and ventilation for the interior spaces. Exposed illuminated elevators add a dynamic layer, offering glimpses into the activity, collaboration and creativity inside the tower and the city at large.

At ground level, The Axiom embeds itself in the city with the Cultural Gate, a mixed-use podium that houses informal workspaces, public roof terraces and cafes. These spaces create a sense of life and vitality that dissolves the boundary between corporate and civic life.

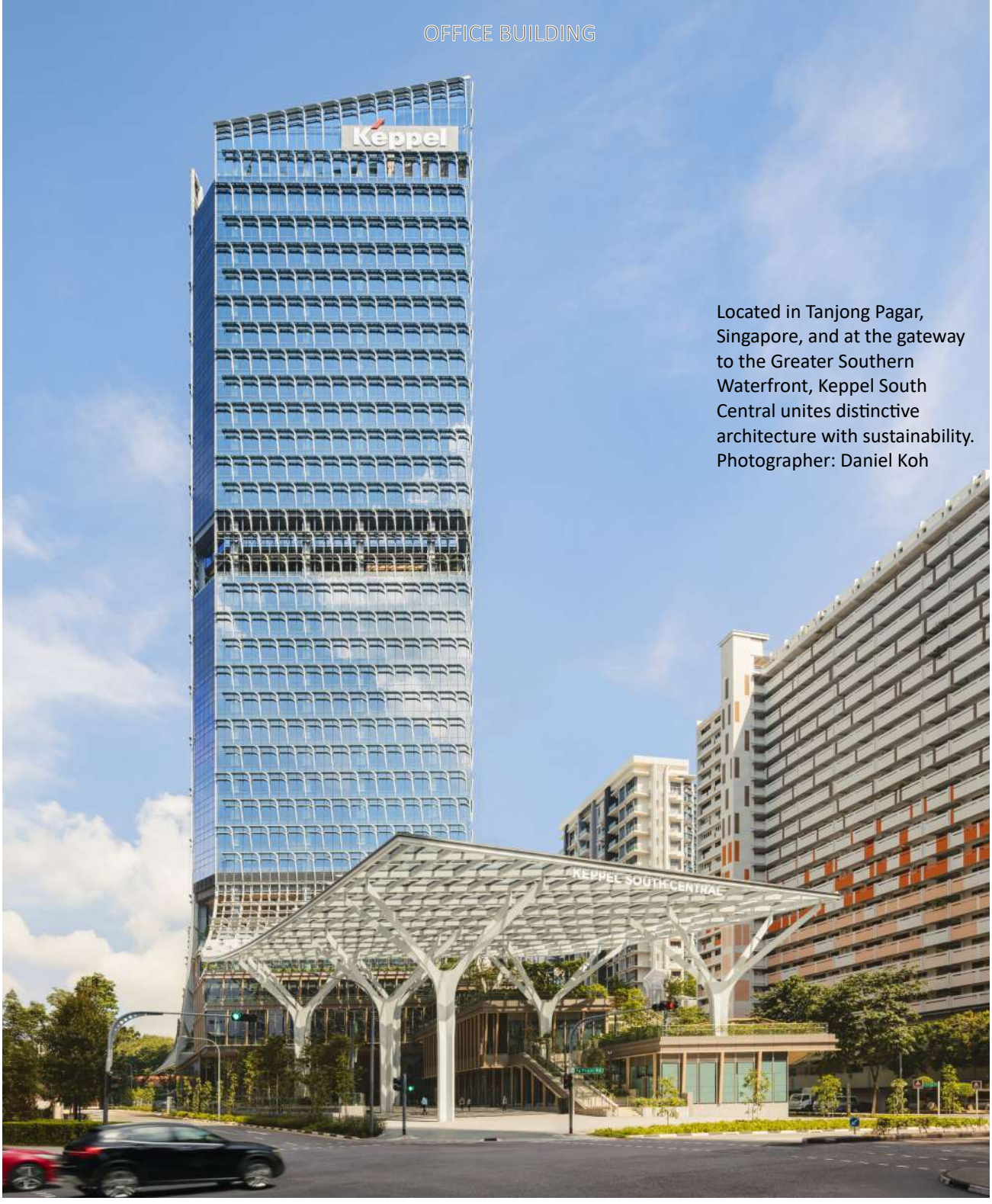
The Axiom stands as a new urban landmark of The Springs development and is set to contribute significantly to one of Shanghai's foremost business and innovation districts.

Text by: Büro Ole Scheeren



The facade is articulated by a series of vertical bronze fins which provide seamless lighting and natural ventilation. Photo by Xiaobin Lv.

Project name: The Axiom by Büro Ole Scheeren
Purpose: Mixed-Use & Office
Location: Yangpu District, Shanghai, China
Developer: Tishman Speyer
Architect: Büro Ole Scheeren
Size: 2 million square feet (comprising office, hotel, retail, and cultural space)
Height:
The Axiom West Tower: 280 metres
The Axiom East Tower: 250 metres
Completion:
The Axiom West Tower: 2024
The Axiom East Tower: 2026



Located in Tanjong Pagar, Singapore, and at the gateway to the Greater Southern Waterfront, Keppel South Central unites distinctive architecture with sustainability. Photographer: Daniel Koh

Keppel South Central

Combining Distinctive Architecture With Sustainability

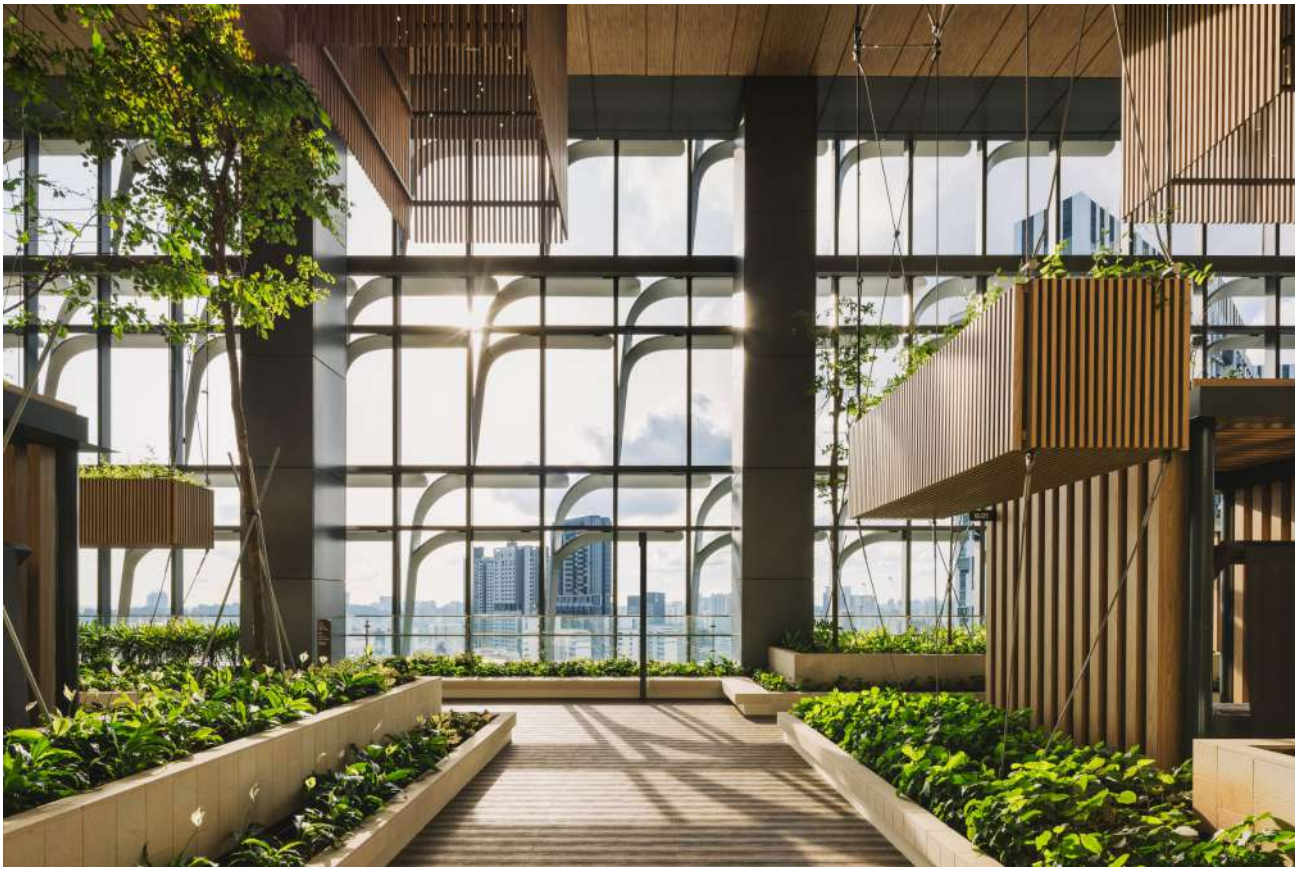
The design of Keppel South Central reimagines the office typology through a mix of Grade A private office floors, flexible workspaces and shared amenities, including restaurants, sky terraces and wellness and lifestyle facilities, such as an outdoor swimming pool and communal kitchen.

The success of buildings—and the people who use them—is often measured by performance. But the places where people work should also support the health of the body, mind and planet. For Keppel South Central, a 33-storey development in Singapore, NBBJ created a vision, master plan and concept that combines distinctive architecture with sustainability and energy efficiency.

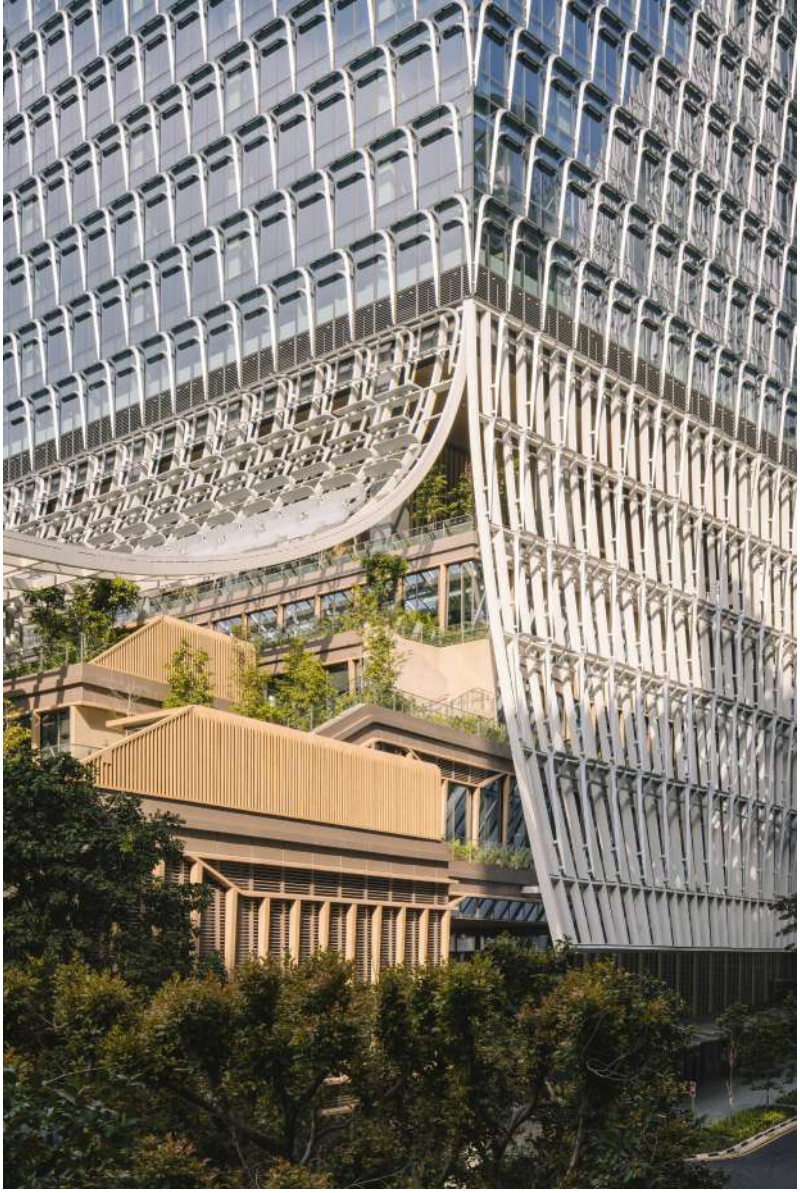
The office building is strategically located along Hoe Chiang Road in the heart of the Tanjong Pagar precinct. It also sits at the gateway to the Greater Southern Waterfront. The building features a variety of shared amenities within the building, alongside a large public plaza that forms the social heart of the project.

In addition, street-level amenities invite both tenants and the wider community to meet, gather and connect. Inside, the design reimagines the office typology through a mix of Grade A private office floors, alternative workspaces and shared amenities, including cafes, restaurants, sky terraces and wellness and lifestyle facilities, such as an outdoor swimming pool and communal kitchen.

By blurring the boundary between indoors and outdoors, the building creates a restorative environment that encourages innovation,



Photos on this page: The design infuses hybrid outdoor workplaces with warm, natural materials inspired by the tectonics of local shophouses. Photographer: Daniel Koh



The building achieves 40% energy savings compared to code-compliant buildings, with unique features such as a double curtain wall that creates an airy canopy to recycle HVAC air. Photographer: Daniel Koh

creativity, social interaction and well-being. The tower is also designed as a visual landmark for the district skyline. Its cascading landscaped roof terraces create an inviting, inclusive presence along busy Tanjong Pagar Road, drawing in pedestrians and strengthening the building's connection to the city.

Sustainability is central to the design with the building achieving 40% energy savings compared to code-compliant buildings. A double curtain wall filters sunlight and recycles HVAC air, while rooftop photovoltaic panels power lighting and exterior air fans. The curtain wall also serves as an airy canopy, allowing occupants to enjoy outdoor spaces while being protected from Singapore's hot, humid and rainy climate. Residual air from the building's HVAC system is directed to public outdoor areas, enhancing comfort beneath the veil.

This performance-driven approach earned Keppel South Central Singapore's highest green building rating: the BCA Green Mark Platinum (Super Low Energy). The building is also WiredScore and SmartScore Platinum certified, as well as WELL Core pre-certified. In 2025, the building won the prestigious Project of the Year (Commercial) award at the Singapore Building and Construction Authority (BCA) Awards, in recognition of its overall design, digital innovation, and sustainability.

Drawing on the area's heritage, outdoor hybrid workspaces use warm, natural materials inspired by the craft and tectonics of local shophouses. Keppel South Central is a workplace and civic destination that balances performance with human experience—supporting people, community and the environment while reflecting the evolving needs of the future of work.

Text by: NBBJ
Project name: Keppel South Central
Project location: Singapore
Purpose: Office
Developer: Keppel
Architect: NBBJ, in collaboration with Architects 61
Total floor area: 60,387 square metres
Height: 207 metres
Number of floors: 33
Completion: 2025

Flooring Trends

Flooring experts share their insights on what is next in style, performance and sustainability.

Jefferson Chiang, Singapore Sales Manager, Polyflor comments:

Jefferson Chiang

In recent years, designers and end users alike have begun to move beyond the conventional click-and-lock vinyl planks and tiles that typically replicate wood or concrete finishes.

There is a growing appetite for more distinctive flooring solutions—ones that not only elevate aesthetics but also contribute to a more cohesive spatial experience.

A notable shift has been the increasing preference for seamless flooring. This approach delivers a clean, uninterrupted visual flow that enhances the perception of space while maintaining a refined, contemporary look. Such outcomes were clearly demonstrated in our Lovet project at VivoCity, where the flooring played a key role in defining the overall design language.

Beyond aesthetics, the appeal of these solutions lies in their performance. Modern vinyl sheet systems offer a compelling combination of flexibility and durability, making them highly adaptable across a wide range of environments. Their ability to be installed seamlessly also reduces visual clutter and simplifies maintenance—factors that are increasingly valued in both commercial and residential settings.

"A notable shift has been the increasing preference for seamless flooring."

Jefferson Chiang, Singapore Sales Manager, Polyflor

Additionally, the versatility of vinyl sheets has opened up new possibilities for creative expression. Designers are no longer limited to standard finishes; instead, they can explore a broad spectrum of colours and patterns to craft unique identities for each space. This has led to growing adoption across various sectors, from retail and hospitality to healthcare and corporate environments.

As the industry continues to evolve, it is clear that flooring is no longer viewed as merely functional. It has become an integral design element—one that shapes the character, mood, and experience of a space.

Images of Lovet Retail Store at VivoCity in Singapore – a project by Polyflor. Photos courtesy of Polyflor.

Healthcare Design Trends: Designing with Empathy and Purpose

Doralyce Bourgenot, Marketing Director Asia at Tarkett comments:

Doralyce Bourgenot

Healthcare spaces are evolving in Asia. Today, hospitals and clinics are no longer designed only for medical treatment. They are expected to support healing, dignity, staff wellbeing, and long-term adaptability. From patient rooms to public areas, design is increasingly recognized as a driver of well-being and recovery.

One of the key trends in healthcare design today is designing with the patient experience in mind. People want clear, calm, and comfortable spaces. Simple things like easy wayfinding, welcoming colours, and well-designed waiting areas can reduce stress and help patients feel more at ease. Design can also help patients feel more independent and confident during their hospital journey.

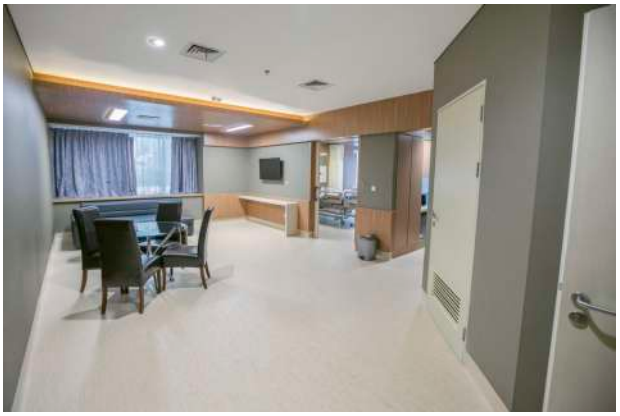
"One of the key trends in healthcare design today is designing with the patient experience in mind."

Doralyce Bourgenot, Marketing Director Asia at Tarkett.

There is also a growing focus on creating spaces that support healing, not just treatment. Natural light, soft colours, and references to nature help create a calmer atmosphere. These elements can make long stays more comfortable for patients and visitors alike. At the same time, layouts are being designed to support staff, recognizing that a better work environment helps caregivers do their jobs more effectively.

Healthcare facilities must now balance multiple priorities: infection control, operational efficiency, and emotional comfort. Flexible layouts, easy-to-clean and durable materials allow hospitals to respond to evolving medical practices while maintaining a welcoming, non-institutional feel. Another emerging trend is the rethinking of corridors, waiting areas, and shared spaces. Once considered purely transitional, these areas are now designed as places for orientation, rest, and interaction.

(Photos left and below)
St. Carolus Hospital – a project by Tarkett. In St. Carolus Hospital – Jakarta, Indonesia, flooring is used to support orientation and wayfinding, with changes in colour and pattern helping patients and visitors navigate different functional areas. These materials are selected to meet healthcare standards for hygiene and safety while maintaining a warm, non-clinical atmosphere that contributes to a calmer patient experience. Photos courtesy of Tarkett.



(Photos above) Mayapada Hospital – a project by Tarkett. In Mayapada Hospital in Banten, Indonesia, patient rooms are designed to be simple, bright, and comfortable, with space for family members to stay or sit nearby. Materials were chosen for easy cleaning while still feeling warm rather than clinical. Photos courtesy of Tarkett.

Clear signs, colour-coded areas, and well-planned seating help people find their way and feel less lost or anxious. Reducing noise and improving visual comfort also makes a big difference to the overall experience.

Ultimately, the future of healthcare design lies in empathy. When spaces are designed around real human needs—patients, families, and healthcare professionals alike—architecture becomes more than infrastructure. It becomes a partner in care, recovery, and wellbeing.

Hardwood Flooring Trends in 2026: Lighter, Wider and Sustainable

Andrew Goh, Director, FLOORRICH Global Pte Ltd comments:

"In the hardwood flooring sector, there is a clear shift toward materials and finishes that emphasize warmth, natural textures and sustainability."

Andrew Goh, Director, FLOORRICH Global Pte Ltd

Hardwood flooring trends in 2026 reflect a clear shift toward materials and finishes that emphasize warmth, natural textures and sustainability.

Across residential and commercial projects, the preference is moving away from overly glossy or highly decorative surfaces and toward flooring that feels natural and enduring.

Andrew Goh. Photo courtesy of FLOORRICH Global Pte Ltd.

LIGHTER WOOD TONES

There is a growing demand for lighter-toned hardwood floors such as light oak across residential and commercial environment.

These finishes are highly favoured for their versatility to harmonise with a wide spectrum of furnishing styles. Subtle woodgrain compositions offer a more understated and sophisticated look that support contemporary design decor.

These softer hues provide a neutral yet warm foundation, allowing designers greater freedom in layering furnishings and finishes.

Within workplace environments, offices are increasingly adopting lighter-toned hardwood flooring to foster a sense of openness, inclusivity and comfort. These palettes contribute to a more welcoming and balanced atmosphere, supporting evolving workplace approach centred on wellbeing and collaboration.

Luxury Retail Contrast

High-end retail boutique environments are embracing darker, warmer hardwood tones. FirmaEngineered wood by FLOORRICH has rich natural woodgrain layers that convey elegance and affluence aligning with brand narratives that emphasize exclusivity and luxury.

Flooring actually becomes an integral part of the brand storytelling that contribute to a curated, immersive retail experience that are aligned with premium positioning.

Wider Planks: Expanding Visual Scale

Wider planks continue to gain traction as clean visual lines help to create a seamless and expansive appearance, making them especially suitable for open-plan offices and hospitality spaces.

MATTE AND NATURAL FINISHES

Currently matte and natural finishes are in demand as it offers a tactile organic quality that highlights authentic character of the wood.

Unlike traditional gloss surfaces, matte and natural finishes deliver a practical, timeless aesthetic.

The result is a flooring solution that feels both contemporary and enduring.

PATTERNED LAYOUT

Patterned hardwood layouts such as herringbone and chevron persist as timeless design elements.

These classic layouts when applied selectively, create focal points and introduce craftsmanship, making them a strong choice for feature areas or projects seeking a distinctive design identity.

Sustainability

Sustainability remains another important factor influencing specification decisions. Home owners are placing greater emphasis on high-quality natural materials and responsible sourcing, aligning flooring selection with broader environmental objectives.

FirmaSPC is certified eco-friendly material by Singapore Green Building Council.

For architects, designers and developers, hardwood flooring represents not just a specification choice, but a strategic material that enhances both the performance and narrative of a space.

Photo on the right: FirmaEngineered wood by FLOORRICH installed at the Jones Lang Lasalle Office in Singapore. Photo courtesy of FLOORRICH Global Pte Ltd.

Photos above: FirmaSPC by FLOORRICH installed at a residence at Upper Serangoon in Singapore. Photos courtesy of FLOORRICH Global Pte Ltd.

Key Trends In MEP Design

We find out the trends shaping the MEP (Mechanical, Electrical, and Plumbing) design.

The Industrialization of MEP: Precision, Speed and the DfMA Revolution

Eileen Koh, Managing Director, South East Asia & Pacific, Walraven Pte Ltd comments:

Ms Eileen Koh (current MD) and Mr Conrad de Lange (Ms. Eileen's Mentor). Photo credit: Walraven Pte Ltd

The construction landscape in Singapore is undergoing a fundamental transformation. As we move toward more complex, high-performance assets—ranging from hyperscale data centers to high-tech industrial warehouses—the traditional "stick-built" approach to Mechanical, Electrical, and Plumbing (MEP) systems is becoming obsolete. To meet the aggressive timelines and sustainability goals of 2026, the industry is pivoting toward Design for Manufacture and Assembly (DfMA).

From Coordination to Componentization
The most significant trend is the shift from viewing MEP as a collection of loose pipes and cables to a series of prefabricated modules. By utilizing high-granularity digital twins, we can design MEP systems that function like industrial kits. This "component-level" modelling reduces the environmental pressure of construction by minimizing on-site waste—a critical factor, as MEP components can account for up to 46 percent of the embodied impact in office buildings.

Tolerance Management and Precision
Precision is no longer optional. Modern MEP design now emphasizes tolerance management to ensure that prefabricated subassemblies fit perfectly within confined structural spaces. By applying manufacturing-grade principles, we remove the need for site-based "craft production," where skilled tradespeople traditionally spend significant time on-site troubleshooting clashes. This industrialization ensures that parts can be assembled without modification, drastically reducing rework and cascading installation delays.

Sustainability and Lifecycle Resilience
Finally, MEP design is increasingly circular. Modern systems are designed for lifecycle performance, prioritizing standardized components that allow for easier repair, remanufacturing, or recycling at the end of their lifespan. Given that MEP systems typically have shorter lifecycles than building structures, designing for "deconstruction" is the next frontier in Singapore's green building journey. By integrating these trends, firms can transition from mere "contractors" to high-tech "assemblers," delivering infrastructure that is faster to build, easier to maintain, and significantly more sustainable.

Photo taken from BCA Academy. Courtesy of Walraven Pte Ltd.

Photo taken from BCA Academy. Courtesy of Walraven Pte Ltd.

"Given that MEP systems typically have shorter lifecycles than building structures, designing for "deconstruction" is the next frontier in Singapore's green building journey."

Eileen Koh, Managing Director, South East Asia & Pacific, Walraven Pte Ltd

How Prefab Is Revolutionizing the MEP Industry

Eddy Lau, Executive Director, Specialists Trade Alliance of Singapore (STAS) shares his views on how prefab is shaping the MEP industry in Singapore.

Eddy Lau

When was Prefab MEP launched in Singapore and what is the rationale behind it?

Prefab MEP in Singapore gained stronger industry focus as part of the national push towards Design for Manufacturing and Assembly, or DfMA.

A key milestone was in November 2018, when BCA and STAS launched the Prefab MEP Manufacturer Accreditation Scheme to recognise capable manufacturers and raise industry standards.

The rationale is to shift more MEP works from congested construction sites into controlled factory environments, improving productivity, quality, safety, coordination and reducing reliance on labour-intensive site installation.

What are your views on using Prefab technology in the MEP system?

Prefab technology is an important transformation for the MEP industry because it changes the way specialist contractors plan, produce and deliver their work. Instead of carrying out most activities on site, MEP services can be pre-assembled, inspected and quality-checked in a factory before installation.

However, Prefab MEP must be planned early and supported by proper design coordination, logistics planning, digital QA/QC and installation sequencing. When done well, it improves productivity, reduces rework and strengthens overall project delivery.

How is the Prefab MEP industry in Singapore performing? Can you share an update?
The Prefab MEP industry in Singapore has made steady progress, with more companies investing in dedicated production spaces, digital QA/QC systems, automation and structured manufacturing processes.

We are seeing stronger interest from both accredited companies by STAS and new applicants who recognise that Prefab MEP is becoming an important capability for future construction projects.

What role is STAS playing to encourage companies to adopt Prefab MEP in their building and construction projects?
STAS plays an active role in supporting the adoption of Prefab MEP through the administration of the Prefab MEP Manufacturer Accreditation Scheme, industry engagement, training and capability-building efforts.

We work with government agencies especially BCA, manufacturers, builders, consultants and digital solution providers to raise awareness, strengthen quality standards and help companies better understand the requirements for successful Prefab MEP implementation.

Our role is to ensure that adoption is not only about productivity, but also about quality, safety, digital traceability and long-term industry capability.

How does Singapore compare globally in terms of using Prefab MEP?
Singapore may not be the largest construction market, but it has developed a structured and disciplined approach to Prefab MEP adoption.

Compared with some markets where prefabrication is mainly driven by scale, Singapore's approach is shaped by manpower constraints, land limitations, safety expectations and the need to improve construction productivity.

Through DfMA, accreditation, digitalisation and automation, Singapore has built a strong foundation that can serve as a useful reference for other urban markets facing similar construction challenges.

Are there any new innovations or product launches in Prefab MEP that you would like to talk about?
The key innovations in Prefab MEP are moving beyond standalone MEP modules towards more integrated prefabrication solutions. We are seeing greater interest in modules where MEP services are co-assembled with architectural works or structural members, allowing more work to be completed upstream in a controlled factory environment.

At the same time, digital QA/QC platforms, QR-based module tracking, production monitoring systems, automation and robotics are helping to create a more connected workflow from design and production to delivery, installation and final handover.

"Prefab technology is an important transformation for the MEP industry because it changes the way specialist contractors plan, produce and deliver their work."

Eddy Lau, Executive Director,
Specialists Trade Alliance of Singapore (STAS)

What are your key priorities as the Executive Director of STAS?
My key priority is to ensure that STAS remains a credible and relevant industry partner for specialist contractors and suppliers in Singapore's built environment sector.

For Prefab MEP, this means upholding the credibility of the accreditation scheme, supporting companies in their transformation journey and helping the industry move towards higher standards of quality, productivity, safety and digitalisation.

Looking ahead 5-10 years, how do you see the Prefab MEP industry landscape evolving in Singapore?
Over the next 5 to 10 years, I expect Prefab MEP to become more mainstream, especially for complex developments such as data centres, healthcare facilities, industrial buildings and large-scale infrastructure projects.

The industry will become more digital, with stronger links between BIM, factory production, QA/QC, logistics, installation and handover documentation.

As companies invest in automation and manufacturing capability, Singapore's Prefab MEP industry can also develop regional potential and contribute to a more productive, safer and higher-quality built environment sector.

Prefab MEP Case Studies

CAE Engineering Pte Ltd

CAE Engineering Pte Ltd is a Singapore-based fire pump specialist established in 2008, delivering integrated fire protection and Prefab MEP solutions for commercial, industrial, infrastructure, and residential developments.

With extensive experience in fire safety systems, prefabricated MEP modules, and factory-tested solutions, the company has successfully completed more than 2,000 projects across Singapore and overseas markets.

CAE Engineering specializes in prefabricated mechanical, electrical, and plumbing (Prefab MEP) solutions that support higher productivity, improved quality control, and faster project delivery in the construction industry.

With a strong focus on innovation, digitalization, and compliance with Singapore's construction standards, CAE Engineering delivers integrated Prefab MEP systems designed to enhance installation efficiency while reducing on-site manpower and coordination challenge.

One of CAE's key capabilities is the design, fabrication, assembly, and testing of modular fire pump systems and prefabricated pump room solutions.

Unlike conventional pump room installations where piping, wiring, and assembly works are extensively carried out on site, CAE's modular systems are pre-assembled, factory-tested, and quality-checked prior to delivery.

The modular pump systems integrate valves, piping, gauges, flexible joints, strainers, cables, and related accessories onto a common skid base, followed by full system testing within the factory environment before final delivery to site for installation and commissioning.

This approach significantly reduces on-site manpower, installation time, coordination issues, and risk of material loss, while improving workmanship quality, testing reliability, transportation efficiency, and overall project productivity.

Today, CAE is also the only FM Approved packager in Singapore. As an FM Approved packager, CAE is well-positioned for projects that are insured by FM / Insurances / projects that require compliance to FM specifications.

With a limited number of FM-approved packagers across Asia, this accreditation distinguishes CAE as a reliable provider of high-quality and dependable fire protection solutions.

In recognition of its engineering excellence and innovation in Prefab MEP, CAE Engineering has received multiple industry awards, including the Prefab MEP Achievement Awards in 2023, 2024, and 2025.

The company was also recognized as one of the Top 3 Prefab MEP Modules Producers for Plant Modules and received awards for Digitalization achievements, reflecting its continuous commitment to advancing construction productivity, smart manufacturing, and digital engineering solutions within the industry.

In addition to modular pump systems, CAE works closely with consultants, contractors, and project stakeholders from the early design stage to ensure proper coordination, and seamless integration with building requirements.

Through continuous investment in engineering expertise, manufacturing facilities, and Prefab MEP technologies, CAE Engineering remains committed to supporting Singapore's design for manufacturing and assembly (DfMA) initiatives while delivering reliable, high-quality, and updated fire protection solutions across the region.

CAE Engineering Pte Ltd is a Prefab MEP Manufacturer accredited by STAS.

Project type: Healthcare / Institutional / Hospital
Project location: Outram area, Singapore
Project status: Completed
Services: Prefab MEP, modular system fabrication
Photo: Courtesy of CAE Engineering Pte Ltd

Project type: Commercial / Office
Project location: Pasir Panjang area, Singapore
Project status: Completed
Services: Prefab MEP, modular system fabrication
Photos: Courtesy of CAE Engineering Pte Ltd

Accesstech Engineering Pte Ltd

Accesstech Engineering Pte Ltd delivers end-to-end prefabricated Mechanical, Electrical and Plumbing (MEP) solutions for complex industrial, infrastructure and mission critical projects.

• BIM-led coordination and fabrication detailing for true installation-ready modules.
• Design-for-manufacture reviews and controlled offsite fabrication to lift quality and buildability.
• Less onsite congestion and rework – supporting safer delivery and faster commissioning.
The company partners closely with consultants, main contractors, and key stakeholders from early design to commissioning – aligning engineering intent, fabrication, and site execution for seamless, predictable delivery.

By integrating engineering expertise, advanced BIM coordination, and precision offsite manufacturing, Accesstech delivers high-quality prefabricated MEP solutions that improve project efficiency, reduce construction risk, and support successful delivery of complex developments. The company remains committed to providing reliable, technically coordinated, and execution-focused solutions that meet the demanding requirements of modern construction projects.

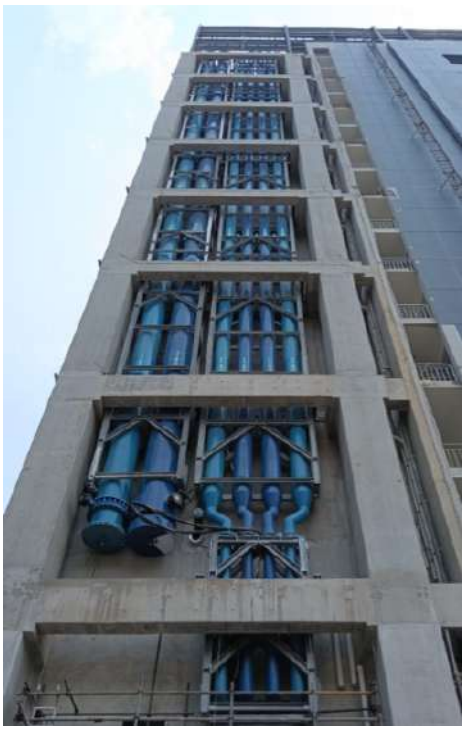
Accesstech Engineering Pte Ltd is a Prefab MEP Manufacturer accredited by STAS.

Project name: WDC02
Project location: Singapore
Project type: Data Centre
Project status: Ongoing
Services: Chilled Water & Condenser Water System
Photos: Courtesy of Accesstech Engineering Pte Ltd

Project name: EDC01
Project location: Singapore
Project type: Data Centre
Project status: Ongoing
Services: Chilled Water & Condenser Water System
Photo: Courtesy of Accesstech Engineering Pte Ltd

Project name: EDC01
Project location: Singapore
Project type: Data Centre
Project status: Ongoing
Services: General Utilities
Photo: Courtesy of Accesstech Engineering Pte Ltd

Project name: WDC01
Project location: Singapore
Project type: Data Centre
Project status: Completed
Services: Chilled Water & Condenser Water System
Photos: Courtesy of Accesstech Engineering Pte Ltd



Project name: WDC01
Project location: Singapore
Project type: Data Centre
Project status: Completed
Services: Chilled Water System
Photos: Courtesy of Accesstech Engineering Pte Ltd

AHRI ASEAN Aims To Be The Trusted Partner For Standards And Certification Programmes

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI), a global, nonprofit trade association representing more than 330 manufacturers of heating, ventilation, air conditioning, commercial refrigeration (HVACR), and water heating equipment, has increased its activity in Asia with the opening of its ASEAN regional office in Singapore in September 2025. Dom LaVigne, AHRI ASEAN Office Chief Representative, tells us more about its mission, key initiatives, and upcoming plans.

Dom LaVigne. Photo credit: AHRI ASEAN

We congratulate AHRI for establishing the ASEAN regional office in Singapore. Can you please share more about the need for and the objective of this office?

AHRI's mission is to serve as a global advocate for the HVACR and water heating industry, and encourage the production of high-quality, energy-efficient equipment through the use of our world-renowned performance-based standards and certification programs. The association supports regulators, consulting engineers, and governmental and non-governmental organizations by providing turnkey solutions that facilitate regulatory compliance and advance their energy efficiency goals. Singapore is a global leader in driving sustainable solutions and is home to many AHRI member companies and certification program participants, so it was strategically important to establish the ASEAN office here. AHRI is now more accessible and able to provide better support to our stakeholders in the region.

Since the opening of the office in September last year, what has AHRI ASEAN achieved and accomplished?

Driving value for AHRI members and certification program participants and establishing the association as a trusted partner in the region remain our primary focus. We're doing just that by building relationships with key public and private sector partners to develop HVACR standards and certification programs tailored to the region. We are also educating stakeholders on the importance of using our time-tested, industry respected standards, certification programs, and certified equipment to address the region's energy efficiency needs. Sharing our expertise to support the regions' regulatory compliance and sustainability goals for the built environment is also important to AHRI.

Last December, we organized a successful, half-day workshop for consulting engineers and others in the data center industry, covering our chiller certification and airside programs, including the Central Station Air-Handling Unit and Casings (AHU/AHUC) Certification Programs.

In March, AHRI signed a Memorandum of Understanding with the National University of Singapore's Department of Mechanical Engineering in the College of Design and Engineering to collaborate on standards and talent development.

AHRI ASEAN is working closely with

government statutory boards, such as the Building and Construction Authority (BCA), to support their work on Green Mark, a leading green building rating system in Singapore.

We are also providing government regulators with the resources needed to ensure safe, reliable systems for end-users. Our certification program is rigorous and reduces the need for market surveillance, saving governments the expense of testing and program administration. Regulators can now use the AHRI Directory of Certified Product Performance and the "Path A" tool to validate manufacturers' claimed equipment minimum energy efficiency standards (MEPS) ratings before they are imported or sold in the region.

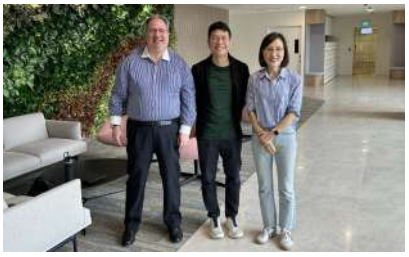
How many members are there currently, and are they mostly from the HVARCR sector?

AHRI comprises 330+ members and more than 1,200 participants in its certification program. Twenty-one of our member companies have operations in Singapore, 13 in Indonesia, 15 in Malaysia, 10 in the Philippines, and 15 in Thailand.

These members are all HVACR and water heating equipment manufacturers. Most AHRI members also participate in its certification programs. Membership allows companies to take on a more active role in the association, including participating in various roles on standards technical committees, working groups, and the Board of Directors. Many people ask how AHRI and ASHRAE

AHRI Singapore office launch group photo. Photo credit: AHRI ASEAN

AHRI ASEAN data center workshop. Photo credit: AHRI ASEAN



AHRI ASEAN is working closely with Building and Construction Authority (BCA) in Singapore. Photo credit: AHRI ASEAN

Meeting between AHRI ASEAN and Enterprise Singapore, the Singapore Standards Council, and the Institution of Engineers' Standards Development Organization (IES-SDO). Photo credit: AHRI ASEAN

AHRI ASEAN engaging with the Department of Standards Malaysia (Jabatan Standard Malaysia – JSM). Photo credit: AHRI ASEAN

In March 2026, AHRI ASEAN signed a Memorandum of Understanding with the National University of Singapore's Department of Mechanical Engineering in the College of Design and Engineering to collaborate on standards and talent development. Photo credit: AHRI ASEAN

AHRI ASEAN engaging with the Department of Standards Malaysia (Jabatan Standard Malaysia – JSM). Photo credit: AHRI ASEAN

AHRI ASEAN looks forward to collaborating with the ASEAN Centre for Energy (ACE) in Jakarta on the longer-term development of ASEAN-wide HVACR equipment performance standards. Photo credit: AHRI ASEAN

are related. AHRI is a trade association, comprised of manufacturing companies, while ASHRAE is a membership society comprised of professional engineers within the industry. AHRI and ASHRAE collaborate on standards development and other areas of mutual interest to our membership.

What issues within the HVACR sector are you addressing at the moment?

Locally, many consultants in Southeast Asia are unfamiliar with the importance of performance verification and certification for HVACR and water heating equipment. Educational outreach to these and other stakeholder groups is an ongoing priority for AHRI.

Internationally, the transition to low-global warming potential (GWP) refrigerants is becoming a priority. The Kigali Amendment to the Montreal Protocol mandates a phasedown of high-GWP hydrofluorocarbons (HFCs) by over 80 percent in the next 30 years. This year, our U.S. headquarters announced the third iteration of AHRI's Lower-GWP Alternative Refrigerants Evaluation Program (AREP), which aims to identify and evaluate the most promising next-generation low-GWP refrigerants and to understand the technical challenges of enabling their use.

There is also an increasing focus on measuring the full life-cycle emissions of products. Measuring this across all product classes and supply chains is not easy. In January, we announced the formation of the AHRI Certified Environmental Product Declaration Program (ACE). AHRI, which is an accredited Standards Development Organization, launched ACE to provide comprehensive and credible Environmental Product Declaration (EPD) resources to its members, certification program participants, and the wider industry. ACE will create Product Category Rules (PCRs)—standards that specify the requirements for developing an EPD—and administer EPD verification procedures. These EPDs and PCRs will be based on Life Cycle Assessment (LCA) methodology and related International Organization for Standardization (ISO) standards.

What type of standards and certification programs are AHRI ASEAN promoting, and how are industry players benefiting from them?

AHRI has developed an extensive portfolio of more than 100 HVACR and water heating equipment performance standards, available free to the public, and 40 certification programs. Participation in AHRI's certification programs helps manufacturers sell more products, win bids, stand out from the competition, and comply with government requirements. When specifiers and others see equipment bearing the AHRI Certified® mark, it signals that the product will perform as advertised, helping manufacturers to earn more business.

In Southeast Asia, consulting engineers and building owners are increasingly requiring the use of certified products. This ensures that the data manufacturers provide about their products is verifiable and aligns with the performance needs of building owners and end users, contributing to overall energy efficiency goals across the region. In the APAC and ASEAN regions, AHRI-certified chillers are the gold standard for most built environment projects, especially for data centers.

"Singapore is a global leader in driving sustainable solutions and is home to many AHRI member companies and certification program participants, so it was strategically important to establish the ASEAN office here. AHRI is now more accessible and able to provide better support to our stakeholders in the region."

Dom LaVigne, AHRI ASEAN Office Chief Representative

What are some of AHRI ASEAN's upcoming plans?

Our ASEAN team is planning a series of stakeholder engagement sessions on the value of standards and certification, and we're updating our data center-related standards to meet the demand for more robust, energy-efficient HVACR equipment, driven by the rise of AI.

AHRI is also proud to be a supporting trade association partner in two conferences, focused on the global built environment and data centers, respectively, later this year.

I must also note that we look forward to providing the continued support that our members, certification program participants, and stakeholders across the region require to meet their business and sustainability goals.

Highlights from Architect'26

Architect'26, held under the theme "SATI : WISDOM : PROMPT," has officially come to a close. Throughout the six-day exhibition, the event brought together innovations, technologies, design ideas, and conversations from diverse perspectives across the architecture and construction industries — all within one shared space. Before stepping into the next edition of Architect Expo, the show organiser invites everyone to look back at the atmosphere and stories throughout the exhibition — from key highlights such as the Thematic Pavilion, special exhibitions, and building product technologies, to activities and seminars that reflected new directions for design today and into the future.

Thematic Pavilion
A Creative Collaboration Space Between Designers x Building Material Brands

One of the major highlights of Architect'26 that attracted significant attention this year was the "Thematic Pavilion" — an experimental platform that opened opportunities for building material brands and design firms to reinterpret "materials" through experiential architecture.

This year marked the first time Architect Expo featured as many as eight Thematic Pavilions, the highest number ever presented at the exhibition. Each pavilion conveyed different concepts ranging from sustainability, future materials, craftsmanship, and technology to immersive spaces that invited visitors to experience, perceive, touch, and live alongside materials in entirely new dimensions.

With outstanding creativity, functionality, presentation methods, and sustainability approaches, two awards were presented to this year's Thematic Pavilions:

- "Designer Choice" — judged by a panel of architectural professionals
- "Thematic Pavilion of the Year" — the Popular Vote award selected by exhibition visitors

The Designer Choice Award 2026 was awarded to "The Delta Stack Pavilion" by SCG x SaTa Na Architect. The pavilion transformed SCG roofing and wall-ceiling materials into stacked triangular structures, creating a space where visitors could closely interact with the materials through walking, sitting, reclining, and real spatial engagement. Reflecting the concept "Beyond Material into Life," the pavilion demonstrated how materials can become more than architectural components — evolving into part of the living experience itself.

The Thematic Pavilion of the Year Award, selected through public voting, went to "TODA ARK" by TODA x Supermachine studio. The pavilion interpreted the concept of future synthetic materials through vessel-like futuristic architecture, taking visitors on a journey through imagination, materiality, and questions surrounding the future of design — becoming one of the exhibition's most memorable installations.

Beyond the two award-winning projects, all eight Thematic Pavilions showcased unique identities and storytelling approaches, collectively reflecting new possibilities for building materials through the lens of contemporary design.

1. Watsadu niyom x HAA STUDIO
"The Tenth Light" A pavilion composed of over 2,750 APC and ASA material pieces woven together into an organic architectural form resembling waves of aurora light. The installation expressed the fluidity of light and shadow while transforming perceptions of wood-alternative materials into something more alive and dynamic.

2. VANACHAI GROUP x STUDIO TOFU
A pavilion that gradually elevated wooden flooring materials from the ground plane up toward the walls, forming a large-scale wooden amphitheater over six meters high. Developed around the concept of "friendliness," the space encouraged people to gather, rest, and interact together.

3. TODĀ x Supermachine studio
"TODA ARK" A pavilion inspired by the concept "Artificiality is the New Reality," interpreting future architecture through synthetic materials and transforming them into a spatial experience that felt futuristic, unconventional, and thought-provoking toward the future of materials in design.

4. Panel Plus x ACa Architects
"LIMITLESS" Also known as the "Borderless Rubber Forest," this pavilion utilized Super E-Zero Perfect Wood panels to create a six-meter modular tower combined with reflective materials and cut-to-design melamine panels. The result was a seemingly continuous, boundaryless spatial experience while reflecting the story of sustainability from forest cultivation to wood material standards.

5. Häfele x Jenchieh Hung + Kulthida Songkittipakdee / HAS design and research
"ASA Megä Hill" A hill-shaped pavilion that allowed visitors to explore from every direction. Inside, Häfele's hardware products and living systems were presented through a modular structure designed for dismantling and reuse, reflecting ideas of sustainability and future-oriented design.

6. SCG x SaTa Na Architect
"The Delta Stack Pavilion" A pavilion created from stacked triangular modules using SCG roofing and wall-ceiling materials, evoking cave-like or primitive dwelling structures. The installation invited visitors to engage with materials through real-life spatial experiences across multiple dimensions.

7. BRT INTERTECH x Context Studio
"Pranasathan" A contemplative space designed to encourage stillness and mindfulness through curved tunnel- and dome-like architecture. Constructed from over 1,625 SPC material pieces, the pavilion invited visitors to slowly walk, observe, breathe, and reconnect with themselves within a contemporary spiritual atmosphere.

8. aluframe x Unknown Surface Studio
"UNFOLD" A pavilion created from discontinued aluminum scraps and recyclable factory materials, shaped into a fan-like structure unfolding outward. The installation revealed the beauty of various aluminum cross-sections while reflecting ideas of extending material life cycles and creative reuse.


Watsadu niyom x HAA STUDIO


VANACHAI GROUP x STUDIO TOFU

TODĀ x Supermachine studio


Panel Plus x ACa Architects


Häfele x Jenchieh Hung + Kulthida Songkittipakdee / HAS design and research


SCG x SaTa Na Architect


BRT INTERTECH x Context Studio


aluframe x Unknown Surface Studio



Palette of Materials Pavilion – The New Destination for Material and Inspiration

The "Palette of Materials Pavilion" emerged as a new landmark at Architect'26 — designed to make material exploration easier, more enjoyable, and more visually connected.

Designed and curated by Looklen Architects, the pavilion gathered more than 800 material samples from exhibitors and presented them through 80 mood boards created by 40 design firms. The installation allowed visitors to experience real material textures while exploring material combinations and applications through each designer's perspective.

The space functioned as a "starting point" for the exhibition, helping visitors better understand the overall material landscape and relationships within the show while allowing them to immediately continue their journey through QR codes connected to exhibitor information and booth locations.

At the heart of the Palette of Materials Pavilion was the idea of bringing the "mood board" — an essential tool in the design process — into a tangible experience for the general public. In architecture, material selection is never about viewing materials individually, but about pairing, comparing, and understanding how materials interact together within a space.

Throughout the six-day exhibition, the pavilion became both a hub of inspiration and a platform for exploring new perspectives on materials, establishing itself as another key destination of Architect'26.

Best Innovation Award 2026

Best Innovation Award 2026 was another major highlight of Architect'26, reinforcing the exhibition's position as a platform for architectural technology and building product innovation. The award recognized products that excelled not only in technological advancement, but also in functionality, design, creativity, and sustainability. This year, a total of 16 brands submitted entries for consideration.

The winner of the Best Innovation Award 2026 was "DOS WIDERO Water Pac All in One" by DOS. An innovative water system designed for modern homes that reimagines the conventional water tank into an ultra-slim rectangular form only 38 cm wide. Designed to sit flush against walls, the system integrates seamlessly with water pumps and filtration systems to create a complete "whole-home water solution" that addresses functionality, space efficiency, and sustainability through the use of 100% recyclable materials.

The First Runner-Up Award went to "3D Panel by recoplast" by Watsadu niyom. An interior decorative wall panel system that transforms waste materials into architectural surface design. Its patterns create striking dimensions of light and shadow, while the seamless installation system allows surfaces to appear continuous and refined. The product is also manufactured from 100% recycled materials.

The Second Runner-Up Award was presented to "TOSTEM IN16 Series" by TOSTEM. An interior aluminum door and partition system distinguished by its ultra-slim 16 mm frame profile, combined with the use of 100% recycled aluminum to help reduce environmental impact while maintaining strength, durability, and performance.

Products and Innovations from Leading Brands Around the World

Architect'26 brought together innovative products and technologies for architecture and construction from leading brands across the globe, covering every aspect of the industry — from building materials, system solutions, and power tools to energy technologies and beyond, including:

1. Doors & Windows – Leading door and window brands offering solutions that balance functionality, design, quality of living, and sustainability.
2. Paints & Chemical Products – Enhancing every creative possibility through decorative solutions that go beyond aesthetics while prioritizing the health and safety of occupants as well as environmental responsibility.

3. Sanitary Ware & Bathroom Solutions – Smart bathroom innovations designed for the future of living.
4. Wood & Wood Alternative Materials – Discover wood innovations that combine beauty, functionality, and versatility, alongside wood-alternative materials that offer natural aesthetics, durability, and ease of maintenance.
5. Tiles & Stone – Meeting every design need through products that combine safety with aesthetics, while showcasing the beauty of tiles and natural stone to perfectly complement any space.
6. Laminates – Explore the latest laminate trends from leading Thai and international exhibitors presenting innovative surface materials for interior design applications.
7. Aluminum, Metal, Steel & Stainless Steel – Products for modern architecture and construction, ranging from structural systems to louvers and façade applications.
8. Water System Technologies – Water system technologies from leading brands offering solutions for residential and project-based developments.
9. Power Tools – A complete range of high-quality power tools from around the world for professionals and DIY users alike.
10. Lighting Products – Create the perfect atmosphere for every space through lighting innovations that combine both design and functionality.
11. Smart Technologies – Discover the latest smart building trends and advanced technologies from leading brands.
12. Prefabricated Structures – Step into the future of construction through prefabricated structures, infrastructure materials, and innovative construction solutions.
13. Elevators – Innovative elevator systems from leading brands offering safety, comfort, and operational efficiency.
14. Audio Visual Equipment – Redefining spatial experiences through advanced audio visual technologies and solutions from leading brands.
15. Renovation & Repair Solutions – Comprehensive renovation innovations and repair services from specialist brands.
16. Sustainable Products – Building materials designed to reduce environmental impact while maintaining quality, wellness, and practical usability.
17. Energy-Saving Technologies – Innovative technologies that help reduce energy consumption and lower operational costs.

Beyond exhibitor booths showcasing the latest innovations for architecture, construction, and real estate, many exhibitors also hosted talks and workshops featuring renowned speakers and KOLs from across various industries, including: (1) JORAKAY Experience Talk: "Easy Living with Pets" — Designing Happiness for Homes Shared by You and Your Pets (2) SPECSPACE x T.Home Inspector: Air-Chitecture Talk Session — "Decoding Home Inspection"; and (3) SHINKOLITE TECH TALK: When "Design" Shapes the Emotions of a Home More Than We Realize.

Another compelling conversation brought together four of Thailand's leading architects — Wasu Virachsilp, Jiravej Hongsakul, June Sekino, and Thawin Hanboonsed — to share perspectives under the theme "Design That Changes the Emotional Experience of Home." The discussion created a warm and thoughtful atmosphere for exchanging ideas about how homes reflect the individuality of each resident. What everyone agreed upon was that a "home" is not merely a place to live, but a space of emotion — a place where we can truly be ourselves.

Experience Architect'26 Anywhere Through the Virtual Booth

Although Architect'26 has officially concluded, the exhibition's Virtual Booth platform remains available online, allowing visitors to revisit the experience anytime through an immersive digital format.

Explore the Virtual Booth at: Architect Expo Virtual Booth

And prepare to reunite at the same place, same time for Architect'27, the 39th edition of ASEAN's largest building technology exposition, taking place from 27 April – 2 May 2027, from 10:00 AM – 8:00 PM, at Challenger Hall, IMPACT Muang Thong Thani.

JUNE 2026

Megabuild Indonesia 2026
4th-7th June 2026
Nusantara International Convention Exhibition (NICE), PIK 2
Greater Jakarta Area, Indonesia

Megabuild Indonesia 2026 returns with a bigger platform and stronger business opportunities.
In conjunction with Keramika Indonesia 2026, ASEAN's leading ceramics industry exhibition and and Megaproperty Expo, the 23rd edition of Megabuild Indonesia will be held under the theme "Accelerating Transformation in the Built Environment" at the newly opened Nusantara International Convention Exhibition centre (NICE) PIK 2.
The show will be called the Enhanced Edition of Building Materials, Interior Design, Architecture and Construction Exhibition & Conference in Indonesia. Discover the latest innovations in building materials, architecture, construction, and interior design from Indonesia's leading manufacturers and international brands.
Dive into relevant building and construction industry topics by attending the Megabuild Conference. Featuring expert speakers and industry leaders, the Megabuild Conference runs on the first and second days of the exhibition.
Showcase your solutions in building materials, architecture, interior design, and construction. Connect directly with decision-makers and serious buyers nationwide.
Be part of the transformation. Exhibit now.

https://megabuild.co.id

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Guangzhou International Lighting Exhibition 2026
9th-12th June 2026
China Import and Export Complex,
Guangzhou, China

The 2026 edition of the Guangzhou International Lighting Exhibition (GILE) 2026 is scheduled to take place between 9 and 12 June 2026 and will be held concurrently with Guangzhou Electrical Building Technology (GEBT) 2026.
GILE is the most influential and comprehensive lighting and LED event in Asia. GILE features the latest innovations in LED technology, smart and energy-efficient lighting solutions, lighting production technology, AIoT technology and cross-disciplinary solutions from around the world. The event provides a comprehensive platform for sourcing products, exchanging knowledge, and understanding the latest market trends, cementing its status as a leading event for Asia's lighting industry.
After GILE 2025 spanned 250,000 square metres across Zones A and B, with 3,188 exhibitors from around the world showcasing cutting-edge lighting technologies.

https://guangzhou-international-lighting-exhibition.hk.messefrankfurt.com/guangzhou/en.html

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Desert Architecture Forum MENA 2026
18th-19th June 2026
Habtoor Grand Resort,
Dubai, UAE

Building on the resounding success of the 1st Desert Architecture Forum in Dubai, February 2025 which brought together world-renowned architects, sustainability leaders, and urban innovators, the forum returns in 2026 with a stronger vision and expanded scope to underscore the vital role of desert architecture in shaping climate-smart cities, resilient infrastructures, and self-sufficient communities across the Middle East and beyond.
As the only dedicated platform in the region, the forum will feature powerful discussions, groundbreaking case studies, and actionable strategies that not only continue the dialogue but also deliver tangible roadmaps and partnerships to

accelerate the transition toward climate-resilient, environmentally harmonious built environments. The Forum provides a unique marketplace of ideas and opportunities providing direct access to project owners, architects, and consultants, along with exclusive networking, one-to-one meetings, and a showcase platform to highlight innovations and build partnerships between project owners, regulators, architects, contractors, consultants, and technology providers.

https://desertarchitectureforum.com/

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JULY & AUGUST 2026

ARCHIDEX 2026
29th July-1st August 2026
MITEC, Kuala Lumpur, Malaysia

ARCHIDEX, an event of Kuala Lumpur Architecture Festival, stands as Asia's Leading Architecture Business Event. Established in year 2000, this annual trade event has become a magnetic stage where architects, developers, interior designers and allied industry professionals, converge, collaborate and celebrate the future of the built environment. Jointly organised by the Malaysian Institute of Architects (PAM) and C.I.S, ARCHIDEX seamlessly integrates a strategic trade platform with DATUM – the region's largest and most influential architectural conference. The upcoming 25th edition will spotlight the latest innovations and emerging trends in the field, creating a fully integrated business ecosystem that offers a full spectrum of opportunities, including forums, trade talks, industry meetings, buyer programmes and networking opportunities – all aimed at fostering collaboration, driving innovation, and advancing the architecture and building community.

https://www.archidex.com.my/

MBAM OneBuild 2026
5th-7th August 2026
Kuala Lumpur Convention Centre
Kuala Lumpur, Malaysia

MBAM OneBuild 2026 The Malaysia International Construction & Infrastructure Technology Exhibition (MBAM OneBuild 2026), now in its 12th edition, will return from 5 to 7 August 2026 at the Kuala Lumpur Convention Centre (KLCC). Co-located with OneWare, the Malaysia International Hardware Technology Exhibition, the event will feature 250 exhibitors, 400 exhibiting booths, and over 8,000 trade visitors, bringing together the entire construction, infrastructure and hardware community, from major contractors and developers to machinery suppliers, hardware traders, and material manufacturers.

Under the theme "Smart Cities Building Tomorrow," MBAM OneBuild 2026 will present six dedicated exhibition segments encompassing Construction, Infrastructure, Construction Machinery & Equipment, Smart City, and Digitalisation. The exhibition will place strong emphasis on advanced digital construction technologies, including Building Information Modelling (BIM), IoT-enabled infrastructure, energy-efficient and green building solutions, as well as intelligent mobility systems, reflecting the future direction of sustainable construction and smart urban development.

https://www.mbamonebuild.com.my

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SEPTEMBER 2026

BEX Asia 2026
2nd-4th September 2026
Marina Bay Sands, Singapore

BEX Asia is the premier built environment exhibition in Asia for advanced and digitalized equipment, sustainability and productivity solutions across building and construction projects. Now in its 18th edition, BEX Asia stands at the forefront as a market intelligence and lead generation platform to learn, showcase of the latest solutions and services, spotlighting industry disruptors, and to provide opportunities for local and global built environment ecosystems to shape a future-ready and collaborative built environment sector.

Explore BEX Asia's exhibitor profile featuring: Advanced construction solutions, Architectural and Interior, Construction Robotics & Productivity, Construction Tools, Equipment & Machineries, Digitalisation, HVAC & Indoor Air Quality, Smart Facility Management, Mechanical, Electrical and Plumbing, Smart Building & Facility Management (FM), Sustainability, and Workplace safety/Security & Surveillance.

With the tagline "The Future of Built Environment," BEX Asia focuses on three key areas: Innovation, Digitalisation, and Sustainability.

https://www.bex-asia.com/

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International Built Environment Week (IBEW) 2026
2nd-4th September 2026
Marina Bay Sands, Singapore

IBEW is spearheaded by BCA International Pte Ltd, a wholly owned subsidiary of the Building and Construction Authority, in partnership with RX Singapore. Widely regarded as Asia Pacific's premier built environment event, IBEW is the ideal platform for the global built environment community to come together and share knowledge, discover innovative technologies, exchange valuable experiences and explore business opportunities.

This year, IBEW will be held under the tagline "Empowering People, Accelerating Intelligence". Change in the built environment is driven by how organisations develop their people, apply digital capabilities, and deliver measurable sustainability outcomes in practice. As organisations pursue their transformation objectives, there is strong demand for applied insight that builds capability, supports execution, and delivers real performance improvement. Together, these dynamics define the role of IBEW — a platform where industry partners share real delivery experience and demonstrate how applied expertise translates into capability, performance, and sustainable outcomes.

https://www.ibew.sg/

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Construction Indonesia 2026
9th-12th September 2026
JIExpo, Kemayoran,
Jakarta, Indonesia

As the gateway to industry growth, Construction Indonesia 2026 serves as a collaborative hub for the construction ecosystem to work toward a brighter future for the nation's infrastructure. As the industry evolves, the show offers a unique opportunity to connect with industry leaders, technology pioneers, and key stakeholders, explore cutting-edge machinery and equipment, and discover breakthrough solutions that boost productivity, sustainability, and resilience across Indonesia's construction sector.

https://www.constructionindo.com/

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Concrete Show South East Asia Indonesia 2026
9th-12th September 2026
JIExpo, Kemayoran,
Jakarta, Indonesia

Concrete SEA is Asia's largest international construction structure, building technology exhibition and provides a professional platform for Indonesia's concrete industry to do business. Now in its 26th edition Concrete SEA is well known and respected amongst industry professionals. The show attracts industry leaders and key players in the global concrete industry; to showcase the latest products and services in one venue, the Jakarta International Expo.

https://www.concreteshowseasia.com/

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ASEAN Garden Living Expo 2026
10th-12th September 2026
MITEC Kuala Lumpur, Malaysia

ASEAN Garden Living Expo 2026 is set to take place on 10-12 September 2026 in MITEC Kuala Lumpur, Malaysia. It is an international and professional of horticultural expo in ASEAN and even in the Asia. The Expo features over 10,000 exhibition areas, over 200 well-known exhibitors, and over 10,000 professional buyers. The products of exhibitors including but not limited to landscape design and service, gardening products, outdoor livings such as fertilizer, hay mower, barriers, green house, flowerpot, green plants and flowers, fire pits, garden machinery, grill, outdoor furniture, paving, decor, outdoor plants, pipes, irrigation and so on. The Expo is opening a new journey for Garden Living industry!

https://www.aseanlandscape.com

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ASEAN Patio Pool Spa Expo 2026
10th-12th September 2026
MITEC Kuala Lumpur
Kuala Lumpur, Malaysia

As the only industry expo in Southeast Asia, the ASEAN Patio Pool Spa Expo is committed to building an indispensable import and export platform in Southeast Asia. Hosting 162 exhibitors from nearly 20 countries on a show floor of 10,000 square metres, the 2024 ASEAN Patio Pool Spa Expo registered 8,623 buyers from nearly 60 countries and regions, of which international buyers accounted for more than 25 percent. The participation of international exhibitors significantly contributed to an increase in sales, propelling the industry forward and enhancing its global visibility. The exhibition clearly marked a turning point towards greater internationalization, further elevating the status of the landscape, pool, and spa industry on the world stage.

https://www.aseanpoolspaexpo.com/

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Asia-Pacific Cleanroom Technology & Equipment Exhibition (APCTEE 2026)
16th-18th September 2026
China Import and Export Fair Complex,
Guangzhou, China

As the longest-standing and most established professional cleanroom exhibition in the Asia-Pacific region, APCTEE has served as the foundational pillar for the industry since its inception. Celebrating its landmark 10th Anniversary, this edition stands as a testament to a decade of driving excellence. More than just a trade show, APCTEE carries the industry mission of elevating regional standards, fostering cross-border technological breakthroughs, and steering the cleanroom ecosystem toward a smarter, more sustainable future.

The event is jointly organised by the Guangdong Association of Cleanroom Technology (GACT)—the region's authoritative industry body—and Guangdong Grandeur International Exhibition Group, a powerhouse with over 20 years of global exhibition expertise. This synergy of professional association leadership and international commercial prowess guarantees an elite platform

where policy, technology, and trade converge seamlessly.

Spanning 30,000 square metres and hosting 600+ premier global brands, APCTEE 2026 is undergoing a comprehensive strategic evolution. Its mission is to catalyze the next wave of industrial transformation through: Digital Intelligence; ESG & Zero-Carbon, and Mission-Critical Solutions.

In line with the organisers' mission to bridge global markets, the show offers a dedicated Hosted Buyer Program. To facilitate participation for its global partners, the organisers provide complimentary hotel accommodation for qualified international professional buyers.

https://www.clcte.com/

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OCTOBER 2026

Eco Expo Asia 2026
26th – 29th October 2026
AsiaWorld-Expo
Hong Kong

Eco Expo Asia is Asia's leading platform for sustainable innovation and cross-sector collaboration, gathering industry pioneers, government leaders, and solution providers from around the world. As the world accelerates the transition toward carbon neutrality, Eco Expo Asia offers an unrivalled gateway to the latest green technologies, policy insights, and business opportunities shaping the sustainable cities of tomorrow.

https://www.hktdc.com/event/ecoexpoasia/en

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NOVEMBER 2026

Safety & Security Asia 2026
10th-12th November 2025
Sands Expo & Convention Centre
Singapore

Safety & Security Asia (SSA) 2026, featuring The Security Event Asia (TSEA), The Fire Safety Event Asia (FSEA), The Health & Safety Event Asia (HSEA), The Emergency Services Show Asia (ESSA) and Pro Integration Future Asia (PIFA), is the premier APAC event series for professionals in security, fire safety, health and safety, emergency services and technology and workplace AV & lighting. It is the destination to build connections, exchange knowledge, and discover the latest innovations, while engaging directly with key decision-makers across the region's safety and security landscape.

Learn more: https://www.safetysecurityasia.com/

The Security Event Asia (TSEA)

TSEA is the top destination for APAC security professionals. Explore cutting-edge security technologies and strategies, connect with industry leaders, and discover solutions for safeguarding people, places, and assets. Attend seminars, network with experts, and experience a showcase of the latest security innovations at this must-attend event for staying ahead in the industry.

Learn more: https://www.safetysecurityasia.com/security-event

The Fire Safety Event Asia (FSEA)

FSEA is a leading platform for fire safety professionals in the APAC region. Explore state-of-the-art fire prevention and protection technologies, and learn from industry experts through informative sessions and workshops. Discover innovative products and solutions that enhance fire safety in various environments, and network with professionals dedicated to advancing fire safety standards and practices.

Learn more: https://www.safetysecurityasia.com/fire-safety-event

The Health & Safety Event Asia (HSEA)

HSEA is the premier gathering for health and safety professionals in APAC. Delve into the latest workplace health and safety innovations, and engage with experts through seminars and interactive workshops. Discover new technologies and best practices to improve occupational safety and well-being. Connect with industry leaders and

enhance your knowledge of emerging trends and regulatory standards.

Learn more: https://www.safetysecurityasia.com/health-safety-event

The Emergency Services Show Asia (ESSA) – NEW FOR 2026

ESSA is APAC's leading event for the blue light community. Featuring 125+ exhibitors and 10,000+ solutions, it attracts over 5,000 professionals from police, fire & rescue, ambulance, and search & rescue sectors. ESSA provides a platform for innovation, live demonstrations, cross-sector networking, and multi-agency collaboration — all focused on advancing emergency response and strengthening resilience across the region.

Learn more: https://www.safetysecurityasia.com/emergency-services-show

Pro Integration Future Asia (PIFA)

PIFA is APAC's leading event for Professional AV, Lighting, Immersive technology & Systems Integration. PIFA is the ultimate platform where industry leaders, specifiers, and buyers from diverse vertical markets across APAC and beyond come together. As the region's leading event, it offers unparalleled opportunities to explore cutting-edge solutions, forge strategic partnerships, and drive business growth. More than just a trade show, PIFA is an industry takeover – immersing your brand in a high-impact environment that fuels sales and business development. Connect with the pioneers shaping the future of AV and systems integration.

Learn more: https://www.prointegrationfuture.asia/

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ICW & BuildXpo Malaysia 2026
10th-12th November 2026
MITEC, Kuala Lumpur
Malaysia

ICW is the premier annual event for the construction industry in Malaysia and Southeast Asia. Hosted by the Construction Industry Development Board (CIDB) Malaysia since 1999 and ICW returns this year for its 27th edition, bringing together industry leaders, policymakers, professionals, and innovators to showcase trends, technologies, and opportunities in the built environment. In 2025, ICW marked a significant milestone with its inaugural edition in East Malaysia, known as ICW Borneo, serving as a strategic platform connecting East Malaysia with West Malaysia and international construction markets. ICW and BuildXpo Malaysia 2026 drive the industry to break boundaries through innovation, collaboration, and digitalization. Anchored by the theme 'Beyond Limits', the event sets the stage for new technologies, smarter infrastructure and technical knowledge exchange that are transforming the built environment and driving a resilient and sustainable future. BuildXpo Malaysia, organised by Qube Integrated Malaysia Sdn Bhd, is the official trade exhibition of ICW, and served as a pivotal hub for industry leaders, innovators, and professionals across Malaysia and the region since its launch in 2023. It has recorded steady growth in trade value, exhibitor participation, and visitor turnout over the past three editions. With strong synergy among national and international industry stakeholders, both ICW and BuildXpo Malaysia have grown significantly, driven by robust construction demand in Malaysia and across ASEAN. A key highlight for 2026 is the strategic collaboration between CIDB Malaysia, Qube Integrated Malaysia as well as MMI Asia, organiser of Glasstech Asia & Fenestration Asia (GAFA), bringing together complementary exhibitions to enhance industry value. For the first time, GAFA will be co-located with ICW & BuildXpo Malaysia 2026 at MITEC. This integrated platform will enable industry players to explore innovations across construction technologies, façade systems, glass applications and sustainable building under one roof.

https://icw.my/

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Glasstech Asia and Fenestration Asia 2026
10th-12th November 2026
Malaysia International Trade & Exhibition Centre (MITEC) Kuala Lumpur, Malaysia

Southeast Asia's most anticipated glass and façade event, GlassTech Asia will be welcoming its

22nd edition – and Fenestration Asia its 9th edition, at Malaysia International Trade & Exhibition Centre (MITEC) in Kuala Lumpur, Malaysia from 10th to 12th November 2026. The event is centered on all things glass and buildings which includes sectors in manufacturing, processing, and supplies for glass machineries, along with construction and façade.

What to expect in 2026

- More than 5,000 square metres exhibiting space
- More than 250 exhibiting companies and brands
- More than 5,000 trade attendees
- Global exposure to more than 50 countries worldwide
- Enhanced hosted buyer programme and business matching activities
- Networking opportunities to meet with leading regional buyers from major markets in the Southeast Asia region
- Exclusive marketing opportunities before, during and after event for maximum exposure
- Join the Glass Alliance and be part of glass/façade trade associations from across SEA region
- Global Adaptive Scheme: A system to guarantee effortless communication with local attendees

Glasstech Asia, part of the world's prominent trade network, is the leading BAU trade fair which serves as a highly connected platform for the glass industry in Southeast Asia. Held alongside the exhibition, the Asia Façade & Glass Conference returns with three days of expert-led sessions, engaging discussions, and targeted networking opportunities.

https://glasstechasia.com.sg/2026/

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World Architecture Festival 2026
18-20 November
Fort Lauderdale

World Architecture Festival 2026
18th-20th November 2026
Fort Lauderdale, Florida, USA

Returning to the USA for a second year, World Architecture Festival (WAF) is home to the world's largest live-judged architecture awards, bringing the global architectural community together to present, debate, and celebrate the very best in design. Unlike any other programme, finalists defend their projects live in front of an international jury, creating a dynamic, transparent, and truly unforgettable competition experience. Entries are now open across 43 categories from completed buildings and future projects to interiors and landscape. World Architecture Festival 2026 returns to Greater Miami, this time in an exciting new location, Fort Lauderdale. Often described as the 'Venice of North America', Fort Lauderdale boasts 165 miles of inland waterways, a spectacular natural feature that shapes the city's character and lifestyle. The waterways attract residents and visitors alike, including the iconic cruise ships that form a distinctive part of the skyline. These impressive vessels can be seen from WAF's outstanding venue, the Broward County Convention Center, which is surrounded by excellent hotels both adjacent to the centre and throughout the nearby area. The World Architecture Festival (WAF) will welcome the world's leading architects and designers for three days of talks programmes, awards, exhibitions and fringe events, showcasing leading international practices, the best new projects, and most pressing live debates.

https://www.worldarchitecturefestival.com/WAF2026/en/page/home

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FIND
DESIGN FAIR ASIA

FIND – Design Fair Asia
26th-28th November 2026
Queen Sirikit National Convention Center,
Bangkok, Thailand

Join FIND – Design Fair Asia, the premier platform for design brands and manufacturers in Asia. This edition takes place on 26-28 November 2026 at the Queen Sirikit National Convention Center (QSNCC) in Bangkok, Thailand. FIND connects top property developers, architects, interior designers, hospitality professionals, and change-making practitioners with global manufacturers, brands, and suppliers. Showcase the latest collections of furniture, lighting, kitchenware, bathroom solutions, surfaces, and homeware to the APAC & SEA audiences and position your brand as a leader in the Asian design market.

https://www.designfairasia.com/?utm_source=archibuild&utm_medium=media_partner&utm_campaign=archibuild&utm_content=allprom