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SEALANTS



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WELCOME



Amita Natverlal

Hello readers! Welcome to the July/August 2026 issue.

In this issue, we feature a range of infrastructure and public spaces projects for you to read.

Recently, the Council on Vertical Urbanism announced the 2026 Award of Excellence winners. Discover the winners which also include projects from Singapore.

On pages 52 to 55, we find out what visitors can expect from the second edition of Safety & Security Asia 2026 show. Lastly, we explore the newest trends in fire & security and waterproofing & sealants from leading companies in the industry.

Enjoy this issue and take care!

PUBLISHER New Reach Media Pte Ltd

EDITORIAL & ADVERTISING Amita Natverlal

CONTACT US

TELEPHONE: 0065 91260431

EMAIL: amita@newreachmedia.com.sg

Co. Reg. no.: 202447508K

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COVER:

TWO TAIKOO PLACE.

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KRIS PROVOOST

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Foster + Partners unveils riverside residential neighbourhood in the heart of Seoul

Following a resident-led voting process, Foster + Partners in collaboration with Samsung C&T, has been appointed to design a regenerative residential neighbourhood in Apgujeong District 4 – one of Seoul's most sought-after waterfront districts.

Comprising eight residential towers, the masterplan features a layered, mixed-use ground level with leisure and retail spaces, accentuated by a significant new park.

Patrick Campbell, Head of Studio, Foster + Partners, said: "We are delighted to reveal our designs for the Apgujeong District 4 residential neighbourhood. Anchored in the existing urban fabric of Seoul, the reimagined riverside district creates a major new park that seamlessly connects the Gangnam District's bustling Dosan-daero boulevard directly to the Han riverbank. A thoughtfully curated series of green spaces reinforce the development's profound connection to nature."

The new apartment buildings are designed from the inside-out to maximise residents' wellbeing, comfort, and connection to the city. Residences feature triple-aspect living spaces and generous terraces, ensuring an abundance of natural light, cross-ventilation, and panoramic views over the Han



Copyright holder: Foster + Partners

River. At the centre of the neighbourhood, there are a series of communal amenity spaces that include wellness, educational and leisure facilities, where the new and existing residents can come together, forging a strong sense of community.

Dan Sibert, Senior Partner, Foster + Partners, said: "The towers optimise views across the Han River and the city. The rhythm of the façades reflects the curves of the river, and they feature an articulated sequence of terraces that create a visual dynamism along Seoul's skyline." Insub Lee, Partner, Foster +

Partners, added: "An abundance of natural light and fresh air is drawn deep into the layered development, creating a healthy, light-filled neighbourhood that prioritises wellbeing, comfort, and community."

The project aligns with Seoul Plan 2030 – the urban redevelopment framework that prioritises bottom-up participatory urban planning, which directly incorporates residents' voices into decision making.

It also targets LEED Gold attainment, highlighting the project's sustainable commitments.

HBA appoints Madelaine Chan as Principal, Strategic Partnerships

HBA (Hirsch Bedner Associates), the world's leading hospitality design firm, has appointed Madelaine Chan as Principal, Strategic Partnerships, a newly created senior leadership role designed to deepen client engagement and strengthen the firm's position across the global hospitality landscape.



Madelaine Chan. Photo by Sayher Heffernan

Reporting directly to HBA's Co-CEOs, Madelaine will focus on early-stage client engagement, strategic relationship development, and market intelligence, ensuring HBA's creative expertise is aligned more deliberately with client ambitions from the outset. Madelaine brings over twenty years of experience with global hospitality organisations across Asia Pacific, spanning luxury, lifestyle, and experiential hospitality.

Her background in brand differentiation, portfolio strategy, and guest experience positions her to bridge commercial priorities with creative execution.

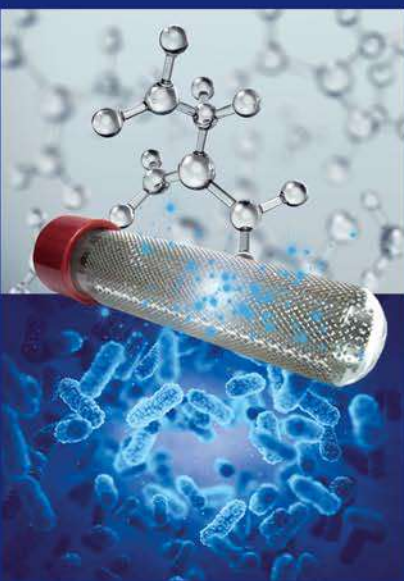


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RAMSA unveils 1 South Bay Close above Hong Kong's Repulse Bay

Now complete and welcoming its first residents, 1 South Bay Close rises in the hills above Repulse Bay as a neoclassical landmark — a departure from the modernist towers that define one of Hong Kong's most exclusive residential enclaves. Designed by RAMSA (Robert A.M. Stern Architects) for developer Lee Development Group, the building bridges Western neoclassical tradition with a locally inspired sensibility, delivering architectural permanence and uncompromising material quality.



Photography credit: Virgile Simon Bertrand

Dramatic hillside setting

The site's elevated position provides commanding, unobstructed views of Repulse Bay from the ground floor to the upper residences. The steeply terraced terrain necessitated a substantial podium, which also serves as a 40-foot-tall retaining wall facing the street — one that the design transforms into an architectural statement in its own right.

The podium rises as a sculpted composition of hanging gardens and memorable features. Balconies introduce vertical relief and residential scale, while a sculptural 20-foot stone fountain anchors the street-facing prow and the base, establishing the building's presence in the neighbourhood.

The main entrance, two stories above the street, opens onto a motor court at the rear of the building. By placing the motor court at the back, the bay-facing front is dedicated entirely to the residents. At the podium's far end, a tiered arrival sequence separates residents, guests, and service personnel. Residents enter through the garage gate to a private cellar-level entrance; guests arrive via the main entrance; service personnel use a dedicated elevator serving the street, cellar, and ground levels. All three circulations remain entirely distinct throughout—preserving the discretion that defines the building at every turn.

In each residence, the front doors open into a reception space rather than directly onto the view. This respects tradition and Feng Shui, creating a carefully choreographed arrival sequence before the bay vista is revealed.

A unified language in stone and ornament

The classical revival façade of 1 South Bay Close, executed in a traditional timeline. Portuguese limestone and Cannemara marble from Ireland define the exterior and carry through to the interior without interruption, while Italian glass tile brings a resort quality to the swimming pool overlooking the bay.

A unified narrative is sustained through recurring motifs. A shell-like detail that references Hong Kong's maritime origins, introduced at the main entrance canopy, carries through to the façade, lobbies, elevator areas, and residential thresholds. Circular relief motifs punctuate the exterior, while custom lighting fixtures and door designs continue the motif from the garden entrance through to the penthouse levels — establishing continuity across every surface and scale of the building.

RAMSA designed both the building architecture and interiors, maintaining the same material and craft standards throughout. The building comprises seven full-floor residences of approximately 3,000 square feet — among the most spacious private residences available in Hong Kong. Each has four bedrooms and service quarters, and buyers can customize their units. Two special residences, one at the top of the building and the other uniquely positioned on the ground floor, feature private entrances, elevators, and foyers. The ground-floor residence includes access to a private swimming pool finished in Italian glass tile.

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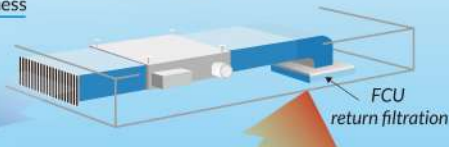


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The Institution of Engineers, Singapore (IES) gets new president

Aviation veteran Mervyn Sirisena inaugurated as 31st President of IES amid push to future-proof engineers for AI era.

The Institution of Engineers, Singapore (IES) announced the inauguration of Mr. Mervyn Sirisena as its 31st President during the 60th IES Annual General Meeting (AGM) held on 23 May 2026.

Succeeding Er. Chan Ewe Jin, Mr. Sirisena will lead the institution for the next two years. As Singapore's engineering sector faces rapid technological disruption driven by artificial intelligence (AI), cybersecurity and automation, Mr. Sirisena outlined plans to strengthen IES' role in preparing engineers for the future while deepening engagement with younger generations entering the profession.

A former President and Chief Operating Officer of SIA Engineering Company and former Senior Vice President Engineering at Singapore Airlines, Mr. Sirisena brings more than four decades of engineering and aviation leadership experience to the role. Under his leadership, IES will focus on four key priorities: strengthening engagement with young engineers, helping members navigate emerging technologies, enhancing membership engagement and expanding resources and partnerships.

Strengthening engagement with young engineers

A major focus under Mr. Sirisena's leadership will be the refreshed "The Young IES" movement aimed at better engaging students, fresh graduates and younger engineers. Plans include deeper outreach to fresh graduates, a Young Engineering Leadership Forum for engineers below 35 years old, expanded student engagement programmes and the formation of a dedicated Youth Wing guided by younger Council Members. Working closely with its Young Engineers Committee, IES also aims to shape programmes, mentorships and interest groups that better resonate with younger engineers, while leveraging social media platforms such as TikTok to strengthen outreach and community engagement.

Helping members navigate emerging technologies

Another key priority will be equipping members to better understand the opportunities and risks brought about by emerging technologies such as AI, cybersecurity and space technology. IES plans to organise dialogues and knowledge-sharing sessions with external subject matter experts to help engineers stay current and future-ready.



Enhancing membership engagement

On membership development, IES plans to strengthen alignment between members' professional interests and the institution's activities by categorising members according to industry sectors in addition to engineering disciplines. The institution will also review its committees to streamline efforts, reduce overlaps and better align with evolving industry needs.

Expanding resources and partnerships

To enhance resources available to members, IES plans to progressively develop a reference library and research repository database, deepen partnerships with organisations including NTUC PME, the Academy of Engineering Singapore and the Singapore Army, and enhance its events management and sponsorship processes.

Celebrating IES60 and engineering's contributions to nation-building

In conjunction with IES60, IES will roll out a series of commemorative initiatives celebrating the engineering profession's contributions to nation-building. These include a Family Day, a tree-planting initiative symbolising sustainability and legacy-building, and the annual IES Gala Dinner bringing together industry leaders, members and partners.

Mr. Sirisena said: "I am deeply humbled and honoured to be elected President of IES as we celebrate IES60, marking six decades of engineering contributions to Singapore's progress. As the world enters a new era of rapid technological transformation, engineers will play an even more important role in shaping the future. My hope is for IES to continue inspiring engineers across generations, strengthening our professional community and creating new opportunities for innovation, leadership and impact."

IES also expressed its appreciation to Immediate Past President Er. Chan Ewe Jin for his contributions over the past two years. During his term, Er. Chan strengthened IES' four core pillars of Engineering Excellence, Professional Development, Professional Registration and Internationalisation, while advancing initiatives in accreditation, membership growth and outreach.

HDR delivers Australia's first RNA Research and Manufacturing Facility

Australia's first RNA Research and Manufacturing Facility, designed by HDR for Health Infrastructure in collaboration with the Office of the Chief Scientist & Engineer, NSW RNA Bioscience Alliance, Hindmarsh Construction and industry partner and operator Aurora Biosynthetics, has officially opened within the Macquarie University Innovation Precinct.

Backed by a \$96 million NSW Government investment, the 4,500 square metre facility is now fully operational and represents a major step forward in translating Ribonucleic Acid (RNA) technologies into clinical-grade vaccines, therapies and diagnostics for viruses, cancers, genetic diseases and other health-related issues.

Purpose-built to support the pathway from discovery through to clinical readiness, the facility includes pDNA and mRNA production suites, lipid nanoparticle encapsulation, pilot-scale fill-and-finish capability, and integrated QA/QC laboratories. Designed to support TGA approval pathways and GMP-aligned operations, it strengthens NSW's capability in next-generation medical technologies and accelerates first-in-human studies.

"The facility is designed to evolve alongside emerging scientific technologies, with rapid adaptability and carefully managed visibility into active spaces, maintaining the precision and containment requirements of RNA production," said Ady Chen, Project Lead at HDR. "Our approach also grounds the building in its surrounding landscape, creating a humane and restorative environment that supports the wellbeing of the people who work here."

HDR applied its Data-Driven Design (D3) approach and computational, generative workflows to test the facility against multiple future production scenarios, not just a single "day one" layout. The team stress tested adjacencies, pressure cascades, people and material flows, and servicing demands across different RNA process trains, equipment footprints and compliance operating modes. The outcome is a flexible planning and services framework that can scale to additional production lines and adapt to changing workflows, utilities demand and regulatory expectations, while maintaining clear segregation and operational legibility.

Conceived as a high-precision pavilion within a grove of mature gum trees, the architectural response embeds scientific rigour within a person-centred, biophilic setting. "The building's horizontal form is articulated with slender vertical elements that reference the surrounding forest and draw



Photo credit: Guy Wilkinson

natural light deep into the interior," said Alan Boswell, Design Lead at HDR. "This creates a calm, grounded environment for complex RNA science, and respects the cultural and ecological character of the site."

Engagement with Macquarie University's Walanga Muru and the Office of the Pro Vice-Chancellor, Indigenous Strategy, as well as consultants Belanjee, informed both the architectural and landscape outcomes. Cultural narratives, Indigenous medicinal knowledge, and spaces for ceremony and reflection are integrated throughout the site.

"Landscape design draws on regional ecologies and material textures to enhance campus connections and create a multilayered garden environment that serves as a nurturing retreat for occupants," said Boswell.

The façade comprises modules ranging from solid to transparent to balance privacy, solar control and connection to the surrounding landscape. Natural tones reference the local environment, with a recessed base giving the building a sense of lightness within the forest setting.

Sustainability informed key decisions, including passive design strategies, high-efficiency systems and all electric services powered by renewables. The building targets at least a 10 percent reduction in operational energy use, a 15 percent reduction in potable water consumption through efficient fixtures and rainwater harvesting, and a 20 percent reduction in embodied carbon. Biodiversity enhancements, strategic shading and light spill control support environmental performance and NSW Government emissions targets.

Graeme Spencer, Principal of Education and Science at HDR, said the facility sets a new benchmark for translating discovery into impact. "Purpose-built environments like this are critical to Australia's ability to develop RNA-based therapeutics at speed. By bringing flexible pilot manufacturing together with collaborative research spaces, the facility strengthens sovereign capability and supports real-world health outcomes."

Newly-launched Flood-Resilient Developments Guidebook to help developments manage flood risks

PUB, Singapore's National Water Agency, as part of a broader Alliance for Action¹ (AfA) launched the Flood-Resilient Developments (FRD) Guidebook on 18 June 2026. This publication will help owners, design professionals and property management professionals strengthen the flood resilience of developments. Over 200 participants from government agencies, industry, and academia attended the launch of the guidebook at the second edition of the Singapore Water Association (SWA) Southeast Asia Symposium on Coastal Protection, organised in conjunction with Singapore International Water Week (SIWW) 2026.

Rising sea levels and extreme weather driven by climate change are intensifying flood risks. Alongside investment in public coastal protection and drainage infrastructure, individual developments can also take steps to ensure safety, maintain functionality, and protect critical assets during inclement weather. The guidebook introduces a Flood Risk Assessment Matrix, which is a tool to help stakeholders determine the likelihood and impact of floods on their development. With a clearer understanding of their risk profile and areas of vulnerability, property owners can then determine the appropriate actions to manage flood risk and prepare for flood scenarios.

Collaborative efforts

Co-created through an AfA, the guidebook pools together the collective expertise of the industry on flood management. This collaboration enabled the exchange of perspectives across disciplines, distilling industry insights and on-the-ground experience into practical guidance that considered the various needs, design intents, and operational realities of different developments.

While the guidelines set out in the guidebook are not mandatory, they help design professionals, property owners and property management professionals to make more informed decisions on enhancing the flood

resilience of their developments, based on their specific site characteristics and operational needs.

Er Lim Peng Hong, one of three co-leads of the Alliance for Action, shared that the AfA provided a valuable platform for the industry to work alongside PUB in shaping this guidebook. "As representatives of our respective fields, we ensured the contents would be practical and relevant to property owners, design professionals, and property management professionals. I hope this guidebook will serve as a useful guide as each of us has a part to play in building a flood-resilient Singapore."

Stakeholders who participated in engagement workshops during the development of the guidebook have welcomed it as a practical and timely resource.

Kenneth Chan, Assistant General Manager for Building Management Services, Singapore Land Group, shared that, "the flood response plan has a clear flow that is simple to follow. The toolkit consolidates possible flood protection options available on the market and would be a useful resource."

The FRD Guidebook is available for download at <https://go.gov.sg/frdguidebook>.

^[1] For more details on the AfA formed in May 2025, please refer to PUB's media release here.



Image credit: National water agency PUB

Oman Design & Build Week 2026 concludes successfully, advancing Oman's real estate, construction and infrastructure vision

Oman Design & Build Week (ODBW) 2026 concluded successfully at the Oman Convention & Exhibition Centre, reinforcing its position as the Sultanate's leading platform for the real estate, construction, infrastructure and project management sectors.

Held under the patronage of the Ministry of Housing and Urban Planning and the Ministry of Commerce, Industry and Investment Promotion, the event brought together developers, investors, architects, engineers, contractors, consultants, project management professionals and government

stakeholders for four days of high-level industry engagement, commercial exchange and strategic dialogue aligned with Oman Vision 2040.

ODBW 2026 integrated three major industry platforms under one umbrella: the Oman Real Estate Expo & Conference (OREX), held from 10–13 May; the Oman Design & Build Expo (ODBX), held from 11–13 May; and the ODBW Symposium delivered in collaboration with the Project Management Institute (PMI) MENA Chapter.



The opening ceremony was graced by His Excellency Sultan bin Salim bin Saeed Al Habsi, Minister of Finance, whose presence alongside senior government and industry representatives underscored the strategic importance of the built environment sector in supporting economic diversification, urban development and long-term national growth.

Oman Real Estate Expo (OREX) 2026 attracted strong participation from developers, investors, financial institutions and homebuyers, reflecting continued confidence in Oman's evolving property market. The exhibition showcased a wide range of residential, commercial and mixed-use developments, providing visitors with direct access to some of the Sultanate's most significant real estate opportunities.

Major projects featured during OREX included Yenaier and Hay Al Naseem by Adante Realty, Wadi Zaha by Al Ahly Sabbour, Jood and Yamal by TMG Muscat, Hayy Majd Bazaar Salalah and Bazaar Sohar by MAJD, alongside landmark national developments such as Sultan Haitham City, Al Khuwair Downtown and Uptown Muscat by Wujha. Collectively, these developments highlighted the scale of investment and transformation currently shaping Greater Muscat Master Plan and the wider Sultanate, reinforcing Oman's long-term vision for integrated urban growth, modern communities and sustainable real estate development. OREX officially concluded with a closing ceremony held on 13 May, marking the successful completion of four days of investment-focused discussions, project showcases and strategic engagement across the real estate sector.

Meanwhile, Oman Design and Build Expo (ODBX) brought together leading companies and solution providers across construction, engineering, architecture, infrastructure, building materials, smart technologies and sustainable design. The exhibition floor served as a focused environment for business networking, procurement discussions, technology exchange and regional collaboration. Leading exhibitors including Oman Cement Company, Jindal Steel, Funoon and Dubai Investments highlighted the growing regional and

international reach of the event while demonstrating the technologies and solutions shaping the future of Oman's construction and infrastructure sectors.

The ODBW Symposium, organised in partnership with Project Management Institute (PMI) MENA, added a strong professional and strategic dimension to the event. Sessions explored project delivery excellence, infrastructure sustainability, urban innovation, agile legal frameworks and the growing importance of human capability development in supporting Oman's infrastructure pipeline.

A keynote by Hanny Al Shazly highlighted the growing maturity of the project management profession in advancing national priorities, while exclusive C-level roundtables facilitated dialogue between senior leaders from government, development and professional services sectors. Conference sessions across OREX and ODBX addressed key themes including sustainable urban growth, real estate investment trends, biophilic design, infrastructure resilience and sustainability-driven construction models. Industry experts emphasised the importance of innovation-led planning, regulatory adaptability and integrated project delivery in shaping Oman's future built environment.

Across four days, Oman Design & Build Week 2026 demonstrated strong commercial momentum and industry engagement, creating a unified platform where investment discussions, construction procurement opportunities, infrastructure planning and professional capability development advanced simultaneously.

ODBW brought together more than 32,000 visitors, 120+ exhibitors, 50+ conference sessions and over 95 industry speakers with 63 countries represented, led overwhelmingly by Oman with the strong international presence from the UAE, India, UK, Egypt, and Saudi Arabia – reinforcing its position as Oman's leading platform for the construction, design and built environment sectors.

The event showcased the latest innovations, technologies and sustainable solutions while connecting developers, architects, consultants, contractors, manufacturers and key government

stakeholders shaping the future of infrastructure and urban development in the Sultanate.

The exhibition also served as a catalyst for business growth, with deals worth over 533 million Omani Rials (approximately 1.38 billion US Dollars) signed during the event.

Organisers expressed appreciation to participating ministries, strategic partners, exhibitors, speakers, delegates and supporting organisations whose contributions played a key role

in the success of the event.

As Oman continues to accelerate development across housing, infrastructure and urban transformation, Oman Design & Build Week remains a strategic platform supporting collaboration, investment and innovation across the Sultanate's rapidly evolving built environment ecosystem.

For more information, visit <https://omandesignandbuildweek.com/newfront>.

Where global industry meets Asian innovation: R+T wraps up successfully



All photos: R+T Asia

International growth, innovation, and sustainability drive another successful edition in Shanghai.

Against a backdrop of evolving geopolitical dynamics and companies increasingly diversifying sourcing strategies across Asia Pacific, R+T Asia 2026 once again confirmed its role as a key platform connecting global demand with the region's manufacturing capabilities and innovation in the sun shading, door/gate, and automation sectors.

Held in Shanghai, the 2026 edition exceeded last year's record-breaking results, welcoming a total of 56,029 visitors, including 15,801 international buyers and professionals from 118 countries, up from 115 in 2025. The strong turnout reflected the industry's continued confidence in the Asian market and reinforced R+T Asia's strategic importance within the global supply chain.

"The 2026 edition of R+T Asia once again reaffirmed its position as one of the most influential international platforms for the sun shading, door/gate, and automation industries. From global brands to emerging regional leaders, exhibitors confirmed the strategic importance of the Asian market and the role of R+T Asia as a key gateway connecting East and West. This successful edition reinforced both the strength of the sector today and the positive momentum shaping its future worldwide," said Roland Bleinroth, President of Landesmesse Stuttgart GmbH & Co. KG, the show's co-organizer.

Looking ahead, the R+T brand is set to further

reinforce its international footprint with the debut of R+T Southeast Asia 2026, scheduled for 11–13 November 2026 at the Bangkok International Trade & Exhibition Centre (BITEC) in Bangkok. Together with the annual R+T Asia exhibition in Shanghai, the new show will broaden the brand's presence throughout Southeast Asia while opening additional pathways for regional business development and industry collaboration.

Exhibitor confidence reaches record levels

The strong market response was equally reflected in exhibitor satisfaction and future commitment to the show. The 2026 edition achieved an outstanding re-booking rate of 88 percent, reaching a historical high and confirming exhibitors' confidence in the strategic value of R+T Asia for business development across the APAC region and beyond. Leading international and domestic brands once again used the platform to strengthen partnerships, expand market presence, and gain insight into rapidly evolving customer demands.

"R+T Asia continues to be a key platform for Coulisse to strengthen relationships with our partners and connect with high-quality professionals from across the APAC region. We were particularly impressed by the quality of the visitors this year, with many meaningful conversations and strong business opportunities emerging throughout the show," said Silvio Rossetto, Sales Representative for Latam South at Coulisce BV.

“R+T Asia is the leading exhibition for our business — the place where we meet our customers from all around the world. It is also where we connect with the new clients we are looking for, therefore it represents an excellent platform to further develop communication and strengthen relationships with them” said Mustafa Uluocak, CEO at Mutex.

Networking at the core of R+T Asia experience

Beyond product innovation and business opportunities, networking once again proved to be the beating heart of the exhibition. Since its inception, the Buyer Club community has continued to grow year after year. The 2026 edition gathered more than 100 members from North and South America, Europe, South and Southeast Asia, and Oceania, who participated in guided sourcing tours and benefited from an enhanced hospitality programme designed to maximize networking and business efficiency during the show.

Among others, the hospitality programme welcomed international delegations from long-standing partner ACMI, the Italian industry association for automatic door manufacturers, as well as a Singaporean delegation organized by Business Review Journal. For the first time, the show was also visited by an organized delegation of import/export traders from Southeast Asia based in China.

At the domestic level, R+T Asia hosted 10 professional buyer delegations composed of distributors and home decoration retail chains from Hangzhou, Jiaxing, Changzhou, Shaoxing, and Taicang, further reinforcing the exhibition’s role as a key sourcing and business platform for both international and Chinese markets.

Industry trends shape the 2026 edition

Beyond the strong attendance figures and business activity recorded during the exhibition, R+T Asia 2026 also reflected several key transformations currently reshaping the global sun shading, door/gate, and smart building industries.

Across the exhibition floor, exhibitors increasingly showcased integrated solutions combining automation, intelligent controls, energy efficiency, and smart connectivity. From advanced motorization systems and intelligent shading technologies to digitally controlled doors and next-generation outdoor living solutions, the industry demonstrated its ongoing evolution toward more connected, efficient, and user-oriented applications.

Growing international demand for low-carbon building solutions also emerged as a major driver across product categories. As building regulations

and sustainability targets continue to evolve worldwide, technologies capable of improving thermal comfort, reducing energy consumption, and supporting smarter building management attracted strong interest from buyers and professionals throughout the show.

At the same time, the exhibition further highlighted the rapid evolution of Asian manufacturing toward higher-value, technology-driven, and innovation-oriented production. Increasingly, international buyers attending R+T Asia are not only seeking competitive sourcing opportunities, but also reliable long-term partners capable of delivering flexible production, technological expertise, and product innovation adapted to changing global market demands.

Outdoor living solutions also gained greater visibility throughout the exhibition, reflecting growing worldwide demand for flexible and experience-oriented residential and hospitality environments. Pergolas, awnings, and integrated outdoor systems attracted strong attention as consumers and project developers increasingly prioritize comfort, sustainability, and multifunctional outdoor spaces.

Together, these trends reinforced R+T Asia’s position not only as a sourcing platform, but also as a strategic hub where global market trends, technological innovation, and future business opportunities converge.

APAC’s strategic role in the future of building industries

As global markets continue to evolve and the construction ecosystem undergoes profound transformation, R+T Asia continues to strengthen its position not only as a leading trade platform, but also as a strategic hub shaping the future of the industry.

With its combination of international reach, industry expertise, innovation-driven content, and high-level networking opportunities, R+T Asia remains one of the most influential meeting points for the global sun shading, door/gate, automation, and outdoor living industries.

By connecting global demand with Asian innovation and advanced manufacturing capabilities, the exhibition continues to highlight the increasingly strategic role of APAC within the international building and construction landscape.

The next edition of R+T Asia will take place from 26-28 May 2027 at the National Exhibition and Convention Center (NECC) in Shanghai.

For more information, visit <https://en.rtasia.net>.

PUB completes construction of Tengah Service Reservoir

National water agency PUB has completed the construction of Tengah Service Reservoir (SR), a key water supply infrastructure that will support current and future water demand in Tengah Town, home to a growing residential and industrial population.

Costing approximately \$120 million, the construction of Tengah SR commenced in May 2022 and was completed in November 2025.

As part of Singapore's water supply network, service reservoirs store treated drinking water from PUB's treatment plants before it is piped to homes and businesses, helping to ensure a continuous and reliable water supply.

Strategically located in the western region of Singapore, Tengah SR is a potable water SR comprising two water tanks.

It has the capacity to hold a combined equivalent of about twenty-two Olympic-sized swimming pools of potable water.

Tengah SR was planned to support the projected increase in water demand from upcoming residential developments in Tengah Town, which is expected to house about 42,000 households, as well as businesses in the upcoming Tengah industrial precinct, which is part of the Jurong Innovation District.

Tengah SR is built on high ground to maintain stable and consistent water pressure across the network. Located at the highest point in Tengah, the SR enables potable water to flow to surrounding developments via gravity without the need for additional pumping, improving operational efficiency and saving costs.

It is operated remotely through a centralised system that enables real-time monitoring and control of key operational functions, enhancing work productivity while reducing the need for manual intervention and enhancing operational reliability.

The system can also quickly detect shifts in demand or supply, allowing prompt operational response through automated alerts.

Local construction firm Chye Joo Construction Pte Ltd was awarded the tender to construct Tengah SR. This marked the first time an SR in Singapore was built using the slipform construction method, which involved continuous, round-the-clock pouring of concrete to cast a seamless, circular wall from the ground up.

The resulting concrete walls of the water tanks thus have no construction joints. This minimises the



Aerial view of Tengah Service Reservoir. Photo credit: National water agency PUB

risk of water leakage and improves the performance of the SR.

PUB worked closely with the Housing & Development Board (HDB) during the planning and development of Tengah SR to ensure that the facility was fully integrated with Tengah's overall masterplan.

The SR's design also took into consideration its surroundings, with the installation of dark brown aluminum façade fins enabling the SR to blend more naturally with the surrounding environment.

As Tengah SR was developed within a forested area, PUB implemented a series of environmental mitigation measures during construction to minimise impact to the surrounding habitat.

These included wildlife shepherding prior to site clearance, inspections for possible nesting areas before tree felling, and the erection of temporary hoarding around the work areas to prevent wildlife from entering worksite(s) during construction.

Service reservoirs play an important role in Singapore's water supply system.

They serve as a buffer against daily fluctuations in water demand and help maintain supply reliability during periods of peak usage or unexpected interruptions.

PUB currently operates over 10 such service reservoirs, including NEWater service reservoirs for industrial customers.

Singapore's water demand is expected to rise with population growth, urban development, and industrial expansion.

PUB will continue investing in and expanding Singapore's water supply infrastructure, including service reservoirs, to ensure a reliable and resilient water supply network for long-term needs.

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GILE 2026 concludes with a bold new vision for “Light Enhanced Living”



Guangzhou International Lighting Exhibition (GILE) concluded on 12 June 2026 at the China Import and Export Fair Complex in Guangzhou. Held alongside Guangzhou Electrical Building Technology (GEBT), the two shows welcomed 210,128 visitors from 164 countries and regions and hosted 2,802 exhibitors. Under the theme “Light-Enhanced Living”, GILE 2026 presented advanced lighting products and solutions for residential, commercial, urban, and cultural tourism applications. It also examined how the industry is navigating rapid technological change, shifting market needs and growing sustainability demands.

Key Figures from GILE and GEBT 2026:

- Visitors: 210,128 from 164 countries and regions
- Exhibitors: 2,802 from 18 countries and regions
- Scale: 210,000 sqm across Areas A and B of the China Import and Export Fair Complex

Ms Lucia Wong, General Manager of Messe Frankfurt (HK) Ltd, shared: “Our 2026 edition centred on five application pillars: Biological,

Emotional, Digital, Ecological and Immersive, showcasing a wide range of lighting solutions, fixtures and intelligent technologies. We were delighted to see the lively atmosphere of exchange at the show and the cross-sector collaboration that followed. We look forward to welcoming you back to Guangzhou next year!”

Industry perspectives align to shape future applications

GILE 2026 hosted over 100 forums and seminar sessions, bringing together industry professionals across sectors to exchange ideas on topics ranging from AI-driven lighting, health lighting, and residential aesthetics to urban applications. The programme reflected the evolving boundaries of the industry, as lighting continues to intersect with health, design, and the built environment.

For the “Luce e Design International Design Forum”, GILE once again welcomed leading Italian design magazine Luce e Design as co-organiser. The forum explored the relationship between light and interior design, architectural design, industrial design, lifestyle, and culture. At the deLIGHTed Talks Asia Forum, guests from around the world came together to discuss future trends and applications in health lighting, covering topics from science and market development to industry standards.

The Lighting Design Forum for Rural Hotels and Guest houses focused on how lighting design can enhance the living environment and improve the guest experience in rural hospitality settings.

The next editions of Guangzhou International Lighting Exhibition and Guangzhou Electrical Building Technology will be held from 9-12 June 2027.

Cundall names Kevin Hayes as Managing Partner

Kevin Hayes has become Managing Partner of Cundall on 1 July 2026, succeeding Carole O’Neil following the completion of her four-year term. In line with Cundall’s governance structure, the Managing Partner role is elected by the Partnership for a four-year term, ensuring regular leadership renewal while maintaining continuity and long-term stability. Kevin, an expert in building services engineering, brings almost 30 years of experience with Cundall, including 15 years as a



Partner. For the past decade, he has successfully led the London office and has played a key role in shaping Cundall’s direction through his position on the Management Board. His appointment reflects both continuity in leadership and a commitment to building on the strong foundations established under Carole’s tenure.

For many years, Kevin created and led the Global Corporate Real Estate sector, including its fit-out sub-sector, working closely with global corporate clients. His technical expertise and drive for innovation have resulted in truly integrated solutions and fantastic spaces for clients.

ebm-papst SEA celebrates its 30th Anniversary

From a traditional fan manufacturer to a global technology leader in air technology and heating solutions, ebm-papst has grown together with the markets, industries and customers that are driving the transformation toward more energy efficient fans and motors across APAC & MEA.

Over the past decades, the company has continuously expanded its regional footprint, guided by its consistent “local for local” strategy, while strengthening local capabilities and investing in innovation to stay close to its customers and their evolving needs.

As ebm-papst celebrates a series of milestone anniversaries across APAC & MEA in 2026, these achievements reflect not only years of business growth, but also enduring partnerships, entrepreneurial spirit and shared ambition that continue to shape the company's journey and future across the region.

As part of this milestone year across APAC & MEA, ebm-papst SEA proudly celebrates its 30th anniversary.

Since its establishment in Singapore, the company has grown its presence across Southeast Asia, supporting customers in the region with energy-efficient air technology solutions for a wide range of applications and industries.

A key milestone in this journey was the establishment of the APAC Hub in Singapore in 2023, achieved through the expansion and transformation of the Singapore location.

The upgraded site includes a modernised office, a future-oriented application laboratory and a customer experience centre, strengthening ebm-papst's ability to support innovation, sustainability and closer customer collaboration across the region.

These investments laid the foundation for ebm-papst SEA's digitalization strategy, which came into sharper focus through the successful implementation of localized digital solutions in key projects. This trajectory underscores the company's sustained commitment to innovation and its role as a regional leader in shaping the future of air technology.

The anniversary event on 10 July brought together long-standing partners of ebm-papst SEA alongside the company's team to mark this milestone.

Over three decades, the firm's growth and transformation have been shaped by the



ebm-papst SEA marks 30 years: Thomas Nürnberger and Thomas Schwab jointly cut the anniversary cake, joined by the company's Heads of Department.

unwavering support of its partners. In a sector where collaboration and expertise are critical, these relationships have positioned ebm-papst SEA to deliver solutions that advance efficiency, sustainability, and long-term success across the region.

This milestone was both a celebration of enduring partnerships and a reflection of ebm-papst SEA's own journey as a company.

To mark the occasion, Mr. Thomas Schwab, Managing Director of ebm-papst SEA and Vice President of Digital Services and Solutions, APAC & MEA, opened the celebration with a keynote address, stating, “These achievements reflect the very essence of ebm-papst, a company driven by innovation, engineering excellence, and a deep sense of responsibility toward a more sustainable world.”

This was followed by remarks from Mr. Thomas Nürnberger, CSO of the ebm-papst Group and CEO of Air Technology APAC & MEA, who added, “Looking ahead, we further accelerate to develop solutions for air movement that are smarter, more efficient, and more sustainable. The future belongs to those who innovate, collaborate and lead. And that is exactly what we at ebm-papst will continue to do.”

Building on three decades of collaboration, ebm-papst SEA will continue to work closely with partners and customers to deliver air technology solutions that meet the demands of a smarter, more sustainable future.

AVAI China, the 17th Asia-Pacific International Refrigeration, Air Conditioning, Ventilation and Cold Chain Technology Expo 2026 set to be bigger in scale and international reach

From 16 to 18 September 2026, the China Import & Export Fair Complex in Guangzhou, China, will host a new edition of AVAI China, an international exhibition dedicated to HVACR and clean technology solutions.

AVAI China is one of the leading B2B events in South China for the HVACR sector, bringing together manufacturers, suppliers, and professionals involved in refrigeration, air conditioning, ventilation, cold chain, and building automation. With 16 successful editions, the exhibition has established itself as a comprehensive platform covering the entire industry chain.

Over the years, AVAI China has hosted more than 2,500 exhibitors and attracted over 300,000 professional visitors, alongside 60+ industry forums and matchmaking events, strengthening its position as an influential international trade and networking hub.

The 2026 edition will further expand in scale and international reach, with an expected exhibition area of 30,000 square metres, over 600 exhibitors, and more than 35,000 professional buyers from 40+ countries and regions. Around 40 percent of attendees are expected to be international visitors, confirming the global relevance of the event.

Event themes

The AVAI China exhibition area will present a comprehensive overview of HVACR technologies and solutions. Key focus areas include:



- commercial and industrial refrigeration equipment
- air conditioning and ventilation systems
- refrigeration components and materials
- cold chain logistics technologies
- building automation and energy-efficient solutions

The event also highlights innovations supporting energy efficiency, smart systems, and sustainable development across the HVACR and cleanroom industries.

Why participate

AVAI China offers a unique opportunity to explore the latest technological developments, connect with international industry players, and access the fast-growing Chinese and Asian markets. Located in the Greater Bay Area, one of China's most dynamic economic regions, the exhibition serves as a strategic gateway for global business expansion.

To learn more about the event, exhibitors, and participation opportunities, please visit the official website: <http://www.gz-avaexpo.com/index.php?lang=en>

Tarkett showcases comprehensive solutions at CHCC 2026

The China Hospital Construction Conference & Expo (CHCC 2026) is Asia's leading event for healthcare infrastructure. The 27th annual conference was recently held in Tianjin's National Exhibition and Convention Center on the 23rd – 25th of May 2026.

During the expo, Tarkett exhibited its comprehensive solutions for the medical field, including Wall Coverings, Homogeneous and Heterogenous Linoleum, Rubber, LVT, Modular Carpeting, and Homogeneous and Heterogenous Vinyl Flooring. In addition, Tarkett showcased its new trademarked name in China 泰吉嘉 (Ta-ji-jia)



Photo credit: Tarkett

on its booth name and through various marketing products.

This year, the exhibition was not only a showcase for new products and technologies, but also reflection of Tarkett's brand vision: "Empowering spaces through design, building the future with responsibility."



AVAI CHINA

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Setting global benchmarks: ASHRAE standards for hospital safety at APCTEE 2026

As healthcare facilities face escalating requirements for environmental precision, traditional ventilation design criteria can no longer guarantee systemic infection control or operational safety. At the landmark 10th Asia-Pacific Cleanroom Technology & Equipment Exhibition (APCTEE 2026) in Guangzhou this September, the Guangdong Association of Cleanroom Technology (GACT) will address these structural engineering gaps by hosting a highly anticipated international keynote featuring Mr. Vorasen Leewattanakit. As the ASHRAE Region XIII Regional Members Council Representative and Asia's first certified ASHRAE Healthcare Facility Design Professional (HFDP), Mr. Vorasen will provide a definitive technical analysis of upcoming clinical infrastructure protocols.

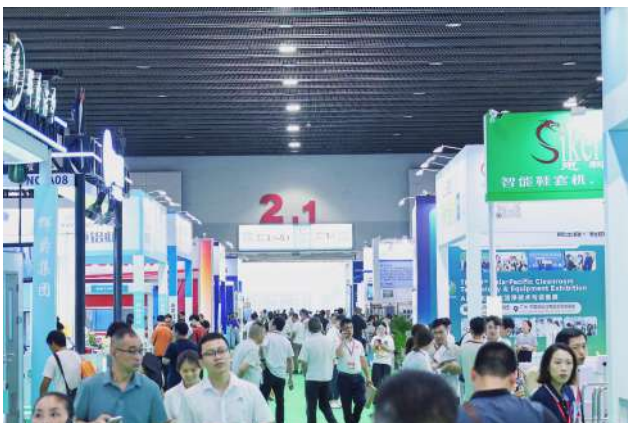
The core of the presentation will provide a deep dive into the newly evolved ASHRAE Standard 170-2025, a critical benchmark driving the alignment of mechanical design with specialized cleanroom design criteria for modern healthcare facilities.

Bridging theoretical rules with practical engineering implementation, the technical forum will break down specific failure mechanisms, such as micro-turbulences that bypass critical airborne particulate containment. Attendees will gain direct insight into facility diagnostic data, airflow velocity optimization, and sustainable system configurations built to minimize energy consumption while enforcing maximum bio-contamination control. As a visionary driving force for manufacturing and facility standard synchronization in Asia, GACT remains committed to addressing critical technical gaps. Mr.

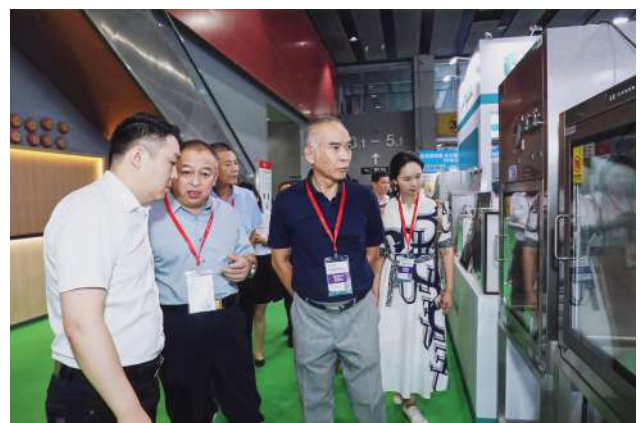


Mr. Vorasen Leewattanakit. Photo credit: ASHRAE Thailand Chapter Official Archive

Vorasen's session will serve as an essential roadmap for facility operators, design engineers, and healthcare directors navigating the technical complexities of contemporary clinical infrastructure.



A panoramic view of the bustling exhibition floor and intensive international business matchmaking during the previous edition of APCTEE. Photo credit: APCTEE Exhibition Project Team



Operations executives and cleanroom engineering experts engaging in technical dialogues onsite. Photo credit: APCTEE Exhibition Project Team



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Previous edition | Photo: APCTEE Exhibition Project Team

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SCAN TO REGISTER

London has been awarded the Lee Kuan Yew World City Prize 2026

Antwerp, Budapest, Guangzhou, Taipei, and Tianjin are also recognised for their remarkable transformative efforts, successful urban rejuvenation projects and programmes, and ability to galvanise citizens as part of their cities' solutions.

London has been awarded the Lee Kuan Yew World City Prize 2026. This is the eighth edition of the biennial international award which recognises cities that demonstrate outstanding innovation, effective governance and strategic leadership in tackling complex urban challenges.



City of London. Photo credit: London & Partners

With two-thirds of global growth projected to take place in cities by 2050, cities face increasing pressure to deliver sustainable, resilient and inclusive urban solutions to address the myriad challenges posed by urbanisation in order to benefit billions of city dwellers. Many cities around the world have developed innovative solutions to address complex urban challenges. Singapore's Urban Redevelopment Authority and Centre for Liveable Cities jointly established the Lee Kuan Yew World City Prize in 2010 to recognise cities which have demonstrated remarkable innovation and committed leadership in addressing urban challenges, and successfully created liveable, vibrant and sustainable communities. In addition to London as the Laureate, Antwerp, Budapest, Guangzhou, Taipei, and Tianjin have also been selected as Special Mentions for their outstanding best practices in urban initiatives and innovative approaches to city transformation.

Delivering transformational change

London has been awarded the Prize for its exceptional capacity to reinvent itself and deliver transformational change for the densely built up metropolis. Despite the complexities of governing more than nine million residents across 32 boroughs and the City of London Corporation, London has demonstrated resilient leadership and coordinated governance in its approach to urban development. Some of its key strategies include:

a) Managing complex transformations through robust governance structure and strong institutional frameworks. The introduction of the directly-elected Mayor and the Greater London Authority in 2000 has enabled London to develop strategic long-term plans, execute its transformative changes across 32 boroughs and the City of London Corporation, and sustain its key policies and priorities.

b) Overcoming challenges to deliver programmes that benefit residents. The Ultra Low Emission Zone, the world's largest clean air zone of its kind, has led to an estimated 54 percent reduction in nitrogen dioxide concentrations in central London, and improved air quality for nine million residents, enabling the city to meet the United Kingdom's legal limits a year ahead of schedule. In addition, social programmes such as London's Universal Free School Meals potentially saved families of state primary school children over £500 (US\$633/\$850) a year per child, on top of addressing inequality, improving the health and wellbeing of children, and positively impacting school communities. By aligning social, environmental and economic objectives through policy making, London has successfully overcome its challenges to deliver beneficial programmes to its residents.

c) Developing transport infrastructure networks that catalyse urban regeneration. London's long-term strategic planning prioritises the integration of public transport networks with other development projects, ensuring the coordinated development of commuter links with infrastructure to benefit the public. For instance, the development of the 118km-long cross-city Elizabeth Line in a densely built up and complex historic city, which has carried more than 800 million passengers to date, has been the catalyst for the development of more than 71,000 new homes. Such transit-orientated development demonstrates how the thoughtful integration of new homes with investments in urban infrastructure can stimulate broader regeneration initiatives across the city.

d) Activating strategic developments through integrated programming. Key infrastructural developments in London are often combined with programming to enliven the area. The redevelopment of King's Cross shows how the collective long-term commitment of public vision, infrastructural investment, and private development

can successfully spur the regeneration of a former industrial site, which was also supported with a sophisticated heritage-led development approach which blended historical preservation with contemporary development and programming. Another example is Queen Elizabeth Olympic Park, which was transformed into a thriving post-Olympic district by combining world-class sporting infrastructure with £1.1 billion (US\$1.25 billion/ S\$1.88 billion) invested in major cultural and academic institutions, alongside residential development to address London's housing needs. The Park demonstrates London's strategic approach to creating sector-specific Innovation Districts that bring together businesses, innovation leaders, universities, researchers and communities to foster collaboration and create jobs while regenerating parts of the city.

e) Developing quality public spaces. London's planning requirements for selected districts mandate high-quality public spaces, community facilities, and cultural programming alongside private sector development. This ensures that public spaces are embedded early in the planning process, creating vibrant mixed-use neighbourhoods that benefit residents and visitors. Beyond major regeneration projects, London's approach extends to local district enhancements through Business Improvement Districts and the Good Growth Fund, which facilitate neighbourhood-level improvements that go beyond physical infrastructure to create vibrant, inclusive communities. The City of London Corporation's Destination City strategy transforms the Square Mile from a primarily financial district into a seven-day-a-week cultural destination. It revitalises the area with new pedestrianised spaces and cultural institutions to create a more vibrant, inclusive environment for visitors.

"Cities today face mounting pressures from growth, climate change and social inequality. Yet many face challenges in implementing much needed urban interventions arising from the lack of vision and leadership, fragmented governance and constrained resources. London demonstrates how a mature global city can continuously reinvent itself through resilient governance and transformative infrastructure. The city's ability to balance heritage preservation with bold innovation, while maintaining its position as a global hub for talent and investment, demonstrates that strategic leadership and inclusive partnerships can drive sustainable urban transformation. London's success in navigating complex multi-tier governance to deliver coordinated metropolitan strategies offers



Lee Kuan Yew World City Prize 2026 Award Ceremony and Banquet. Photo credit: URA

valuable lessons for cities worldwide seeking to remain both liveable and economically dynamic in our rapidly changing global landscape," commended Dr Cheong Koon Huan, Chair of the Prize Nominating Committee.

Mayor of London, Sadiq Khan, said: "I am honoured that London has received the Lee Kuan Yew World City Prize for 2026, which recognises cities who are leading the way to tackle urban challenges, and create vibrant and sustainable communities. This prize is a tribute to our innovative work over the last ten years, from our bold efforts to tackle toxic air pollution and launching the celebrated Elizabeth Line to providing over 100 million free school meals to young Londoners and championing our city's incredible diversity. Ours is a city of openness, opportunity, and progress – and together we will continue to build a safer, fairer, greener and more prosperous London for everyone."

The Lee Kuan Yew World City Prize Lecture and Award Ceremony and Banquet was held at the World Cities Summit, which took place from 14 to 16 June 2026. To foster knowledge sharing and innovation among cities, the Laureate and Special Mention cities were also invited to share their experiences and exchange insights at the Summit.

In addition to an award certificate, London received a cash prize and a Prize medallion. The Prize is sponsored by Keppel Ltd.

Mr Loh Chin Hua, CEO of Keppel Ltd., Sponsor of the Lee Kuan Yew World City Prize, said, "We extend our warmest congratulations to London, this year's prize winner, for its remarkable ability to continually reinvent itself and be one of the world's most liveable, vibrant and sustainable cities. We also congratulate Special Mention recipients Antwerp, Budapest, Guangzhou, Taipei, and Tianjin, each of which has demonstrated strong commitment and innovation in addressing the complex challenges of urban development."

World's leading scientists, engineers, and policymakers gather in Singapore at the Indoor Air 2026 to address critical indoor air quality challenges

Indoor Air 2026, the premier global conference on indoor air quality (IAQ), opened its doors on 15 June 2026 to more than 900 academics and experts from around the world.

The four-day event was convened by the International Society of Indoor Air Quality and Climate (ISIAQ) and organised by the Singapore Green Building Council (SGBC) together with the Department of the Built Environment under the College of Design and Engineering (CDE) at the National University of Singapore (NUS). This global platform brought together leading scientists, engineers, medical practitioners, policymakers, and industry professionals to address critical challenges in indoor air quality – from airborne disease transmission to smart building technologies and IAQ policy.

The conference theme “Enhancing Wellbeing in Existential Challenges: Deepening Understanding, Building Resilience” prioritised human wellbeing and recognised understanding and resilience as key change-drivers against the plethora of challenges including climate change, pandemics and decarbonisation.

More than 1,000 submissions were received for Indoor Air 2026, with over 900 papers presented across key subthemes. Singapore researchers contributed more than 50 papers to the conference, which was held at the Singapore Management University (SMU).

Indoor Air 2026 was supported by a coalition of institutional organisations, including the Ministry of Sustainability and the Environment (MSE), the Building and Construction Authority (BCA), the Centre for Liveable Cities Singapore and the National Environment Agency (NEA), as well as private sector partners.

A medical-engineering game plan for airborne outbreaks

A high-profile late-breaker session held on Thursday, 18 June 2026, at Indoor Air 2026 brought together world-leading experts to examine how engineering controls can prevent airborne outbreaks in confined, high-occupancy environments.

Co-convened by Dr. Julian Tang (University Hospitals of Leicester NHS Trust, Leicester UK), a medical expert specialising in airborne transmission and clinical virology, and Professor Chandra Sekhar (Department of the Built Environment, NUS CDE), an engineering expert specialising in building

ventilation and indoor air quality, the session also featured five international and local experts:

- Distinguished Professor Lidia Morawska (Queensland University of Technology, WHO advisor)
- Professor Donald Milton (University of Maryland, airborne transmission expert)
- Professor Paul Tambyah (National University of Singapore Yong Loo Lin School of Medicine, infectious disease specialist)
- Dr. Kang Chang Wei (A*STAR Institute of High Performance Computing)
- Professor Bill Bahnfleth, PhD, PE (Penn State University, ASHRAE Distinguished Lecturer)

This session explored practical engineering controls including ventilation optimisation, outdoor-air strategies, airflow management, and other infrastructure measures – alongside the policy and cost effectiveness arguments needed to implement them. The session also addressed a critical gap: how to conduct rigorous, engineer-led outbreak investigation research in collaboration with the medical fraternity, including candidate study designs such as tracer-gas and smoke visualisation, manikin-based experiments with harmless surrogates, and computational fluid dynamics supported by validation data.

Global pledge for healthy indoor air

On Wednesday, 17 June 2026, Indoor Air 2026 hosted a signing ceremony for the Global Pledge for Healthy Indoor Air – the first time the global community has formally declared that clean indoor air is fundamental for protecting health and safeguarding well-being.

The pledge brought together the three principal communities driving indoor air quality forward: the scientific community (ISIAQ), the engineering and standards community (ASHRAE), and the advocacy community (Air Club). The Singapore Green Building Council (SGBC) will be among the signatories, joining a growing global movement to position healthy indoor air as a public health priority.

The signing ceremony followed a plenary session featuring Dr. Sandro Demaio, Director and Head of the WHO Asia-Pacific Centre for Environment and Health; Nicholas Reece, Lord Mayor of Melbourne; and Marina Mijuskovic, Executive Director of the Montenegrin Institute for Advanced Innovation. Professor Tham Kwok Wai,

Conference President of Indoor Air 2026, from the Department of the Built Environment, NUS CDE, noted: "Indoor air quality is no longer a niche technical concern – it is a health imperative that affects how we live, work, and learn in dense urban environments. The knowledge exchanged here over the next four days will deepen insights, drive innovation, and shape building standards and policies for years to come."

Er. Yvonne Soh, Conference Vice President (Executive) of Indoor Air 2026 and CEO of SGBC, added: "This is the first time SGBC is organising a major international scientific conference, and we are proud to welcome the global indoor air community to Singapore. With over 900 papers and 50+ contributions from local researchers, this conference demonstrates Singapore's ability to convene world-class expertise while advancing our own green building journey through initiatives like Go 25. The collaborations forged here will accelerate solutions for healthier, more climate-resilient indoor environments across the tropics."

"Since the first Indoor Air conference was held in Copenhagen in 1978, this series has been the world's leading scientific platform for advancing indoor air quality knowledge," said Professor Kerry Kinney, President of the International Society of Indoor Air Quality and Climate (ISIAQ). "As climate change and urbanisation pressures intensify around the world, the knowledge exchanged this week is even more critical to shape a healthier, more resilient indoor environment globally."



Photo credit: SGBC

The Security Event Asia returns for its second edition as APAC's premier security industry gathering; visitor registration now open

Registration is now open for three days of innovation, networking and expert-led insights shaping the future of security across Asia Pacific.

Following a highly successful debut, The Security Event Asia (TSEA) returns from 10–12 November 2026 at the Sands Expo & Convention Centre, Singapore bringing together the technologies, insights and industry leaders shaping the future of security across Asia Pacific. With visitor registration now open, the region's security professionals are invited to be part of three days of innovation, networking and expert-led discussions at what is fast becoming the must-attend event for the security industry.

A showcase of next-generation security technologies and solutions

As part of Safety & Security Asia (SSA) portfolio, TSEA 2026 will be co-located with The Fire Safety Event Asia (FSEA), The Health & Safety Event Asia (HSEA), the newly launched Emergency Services Show Asia (ESSA) — APAC's premier emergency services event where technology and learning propel emergency response and public safety forward, and Pro Integration Future Asia (PIFA). Together, the five co-located events are expected to attract over 13,000 trade professionals from across the security, safety, emergency response, workplace, and professional audio, visual and lighting industries.

TSEA will once again bring together leading global manufacturers, solution providers, distributors, integrators and end users to showcase the latest advancements in domains such as access control, perimeter protection, AI-driven security technologies and integrated command systems. Brands include Advancis Software, Alarm.com, AMAG Technology, Commend UK, ESOSG, Firebytes, Gallagher Security, HID Asia Pacific, Zulu Consulting, ZKTECO and more.

Visitors can expect unrivalled opportunities to discover emerging technologies, connect with leading solution providers, gain practical insights from industry experts and explore strategies to address evolving security challenges across the region. A limited number of exhibition opportunities remain available for companies seeking to engage with key buyers and decision makers from across Asia Pacific.

Learning programme and live demonstrations

Developed with industry partners, the Learning Programme addresses key challenges across workforce transformation, technology adoption, operational resilience and emerging threats through expert-led sessions, panels and live demonstrations.

The Security Leaders' Summit returns with the Security Industry Conference led by Strategic Partner Temasek Polytechnic – Security Industry Institute (TP-SII), focusing on innovation, emerging threats and workforce transformation.

Faizal Zainal, Head of Security Industry Institute, Temasek Polytechnic (TP-SII), commented: "The Security Industry Conference at TSEA 2026 will continue to address the evolving challenges and opportunities facing the sector, from workforce transformation and skills development to adoption of emerging technologies. Through meaningful dialogue, we aim to equip professionals with the capabilities needed to thrive in an increasingly complex operating environment. We are pleased to work with the organiser, which has delivered strong outcomes for the industry and exceeded our expectations. We are delighted to once again be part of the programme and to co-host the Skills for Security Competition Asia for another series and introduce the inaugural Fire Category this year."

New for 2026, Transported Asset Protection Association (TAPA-APAC) will host a dedicated workshop focused on supply chain logistics and security resilience, bringing together experts to discuss risk mitigation, cargo protection and best practices shaping the future of secure logistics across the region.

Expanding the event's content offering further is

the launch of the Women in Protective Services (WiSP) Series, taking place across two days. The first day will focus on Leadership, spotlighting influential women driving change across the industry, while the second day, themed Next-Gen, will explore mentorship, talent development and empowering the future generation of professionals entering the protective services sector.

Mel Migrino, Chairman and CEO at Women in Security Philippines commented: "Platforms like The Security Event Asia are essential in bringing together diverse voices across the industry to inspire innovation, strengthen partnerships and nurture the next generation of leaders. I'm especially excited to see initiatives like the Women in Security creating meaningful conversations around leadership, inclusion and the future of the profession, while also reinforcing the growing importance of cybersecurity across all industries."

With the strong support of Strategic Partners including Security Solutions Association Singapore (SSAS), Security Association Singapore (SAS) and Temasek Polytechnic - Security Industry Institute (TP-SII); and leading organisations including ASIS International (Asia Pacific Chapter), ASIS International (Singapore Chapter), Association of Certified Security Agencies (ACSA), British Security Industry Association (BSIA), Indonesian Security System Industry Association (AISKINDO) and more, TSEA 2026 continues to strengthen its position as a key platform for industry collaboration, innovation and thought leadership across the APAC security landscape.

Building on the momentum of its inaugural edition, The Security Event Asia 2026 is set to deliver an even stronger platform for business exchange, networking, thought leadership and innovation — further cementing Singapore's position as a strategic hub for the safety and security industries in Asia Pacific.

Tristan Norman, Group Managing Director at Nineteen Group commented, "The return of The Security Event Asia for its second edition reflects the strong growth we're seeing across the APAC security market. With major infrastructure projects, urban development and increasing security requirements across the region, there is a clear need for the industry to come together, share knowledge and build new partnerships. TSEA provides that opportunity, bringing manufacturers, distributors, integrators, consultants and end users together under one roof to explore new technologies, discuss emerging challenges and support the projects shaping the future of the region."

An elevated experience, where one pass

provides access to five co-located shows—unlocking greater opportunities for learning, product discovery and international networking, and reinforcing its position as a strategic hub for the safety and security industries across Asia Pacific.

Visitor registration for The Security Event Asia 2026 is now open, with a limited number of exhibition opportunities still available.

Visitor registration is now open.

- [Click here to register for your complimentary visitor pass](#)
- [View participating companies here](#)

Therme Singapore breaks ground on Asia's first large-scale integrated wellbeing destination



Groundbreaking ceremony of Therme Singapore. Image courtesy of Therme Singapore.

On 19 June 2026, Therme Group, the leading global developer and operator of large-scale wellbeing destinations, marked the groundbreaking of Therme Singapore, a state-of-the-art development slated to open at Marina South in 2030.

Spanning more than 720,000 square feet of gross floor area, equivalent to over nine football fields, Therme Singapore will be Asia's first large-scale integrated urban wellbeing destination, introducing a new form of social infrastructure to the region. The groundbreaking ceremony was officiated by Minister for Sustainability and the Environment and Minister-in-charge of Trade Relations Grace Fu.

"Therme Group's vision is to create a new form of social infrastructure, where wellbeing is accessible, joyful and integrated into everyday city life. Singapore's commitment to long-term urban planning, innovation and world-class public spaces makes it a natural home for this vision. As our first destination in Asia, Therme Singapore will serve as a gateway for regional growth to develop partnerships, capabilities and models that can be scaled across Asia and beyond," said Robert Hanea, Founder and CEO of Therme Group.

Therme Singapore experience

Designed to serve visitors from all walks of life, from families with children to working professionals and seniors, Therme Singapore will integrate leisure, nature and wellbeing into a single immersive destination. The seven-storey development with a basement will feature more than 20 indoor and outdoor pools and water bodies, as well as over 70 wellness treatment rooms. The visitor experience is organised into three distinct zones.

The Play zone features active, family-oriented water attractions, including children's pools, 18 water slides spanning more than 1.8 kilometres in total length, and interactive play areas designed for movement, exploration, and shared enjoyment.

The Relax zone offers thermal pools, therapeutic mineral baths, quiet water spaces, and amenities such as hydromassage beds and infrared therapy.

The Restore zone is dedicated to deeper wellbeing, including saunas, steam rooms and massage treatment spaces focused on physical and mental rejuvenation. Visitors can expect more than 86,000 sq ft of food-and-beverage offerings for dining, relaxation, and social gatherings, complemented by sea views.

Therme Singapore landscape and design

Nature is woven throughout the development. The extensive landscaped environments will feature more than 200,000 plants across over 200 species, including orchids and native Southeast Asian varieties, strengthening the local biodiversity while creating immersive indoor and outdoor green environments.

Beyond the development, a coastal public park spanning almost 4 hectares will be created to connect Therme Singapore with Marina Barrage, enhancing public access to green spaces while strengthening the ecological and recreational value of the waterfront district.

Therme Singapore is developed by Therme



Rendering of Therme Singapore facade. Image courtesy of Therme Singapore.



Rendering of Therme Singapore interior. Image courtesy of Therme Singapore.

Group in partnership with Kajima Overseas Asia (Singapore) and designed by multinational architecture firm DP Architects in collaboration with Therme Group's in-house architects, Therme ARC. The development will incorporate a range of sustainability measures, including energy-efficient building systems, solar photovoltaic panels, smart irrigation technologies and climate-adaptive landscaping strategies aimed at reducing operational carbon emissions and supporting biodiversity.

Advanced technologies will also be integrated across operations and the visitor experience. These include waterproof RFID wristbands that function as locker keys and cashless payment tools, a next-generation robotic locker system designed to optimise convenience and space utilisation, and advanced ozone-based water filtration systems that enhance water quality and operational efficiency.

"Therme Singapore has the potential to become one of Singapore's most meaningful shared spaces, visited by millions over time and woven into the life of the city. To achieve this, it must be iconic and enduring, inclusive in its design, programming and experience, and shaped by the climate, culture and lifestyle of Singapore. Beyond the visitor experience, Therme Singapore is also about people, creating jobs, developing new capabilities, and supporting Singapore's tourism, hospitality and wellness sectors. Singapore is the ideal platform for Therme's growth in Asia. It offers the right environment for this vision through strong connectivity, a deep talent ecosystem and a culture of innovation, enabling us to serve both local communities and visitors from across the region," said Mah Bow Tan, Chairman of Therme Group Asia and Therme Singapore.

SIWW2026 closes with strong momentum in advancing global water resilience

Over 100 sessions and the largest-ever Water Expo drive dialogue, innovation and business opportunities across municipal water solutions, industrial water solutions, and coastal and flood resilience.

The 11th edition of the Singapore International Water Week (SIWW2026) concluded on a high note, drawing 2,000 delegates, including 800 leaders and 21,000 trade visitors from over 71 countries and regions to the Sands Expo and Convention Centre from 15 to 18 June 2026. Reaffirming its position as one of the world's premier platforms for innovative water, coastal and flood solutions, SIWW2026 brought together governments, cities, utilities, academia, and industry to exchange insights, showcase innovations and forge partnerships that

advance water security, climate resilience and sustainable urban water development.

A global gathering of government, utility and city leaders

SIWW2026 drew strong participation from leaders across governments, water agencies, utilities and cities worldwide. Attendees included H.E. Retno Marsudi, United Nations Secretary-General's Special Envoy on Water, ministers and vice ministers from the People's Republic of China, Thailand, Nigeria, Armenia, Timor Leste and Sarawak, as well as the Chairman of the Department of Energy, Abu Dhabi, UAE. Leaders from some 30 cities, including Copenhagen, Rotterdam, Hong Kong, New York City, Antwerp, Dubai, Jakarta, Melbourne, Quezon City and Tokyo, also attended the event, reflecting

SIWW's continued relevance to cities managing complex urban water challenges. They were joined by leaders from nearly 60 utilities across Asia, Australia, Europe, the Middle East, and the United States, as well as senior representatives from leading international organisations, including the Intergovernmental Panel on Climate Change (IPCC), Asian Development Bank, World Bank Group, C40 Cities and the International Water Association. Together, they exchanged peer-to-peer lessons on integrated water management, utility transformation and long-term resilience planning, augmenting the broader programme that followed.

Advancing strategies, innovation and solutions in urban water management

This high-level participation was supported by a broad high-quality programme designed to deepen dialogue and practical learning across the sector. SIWW2026 featured more than 100 sessions across three key themes — Municipal Water Solutions, Industrial Water Solutions, and Coastal and Flood Resilience — where participants discussed practical and scalable approaches to strengthening water resilience in the face of growing climate, resource and urbanisation pressures. Comprising of plenaries, summits, workshops and technical sessions, topics covered AI and digitalisation, water and resource circularity, treatment and reuse technologies, industrial water management, nature-based solutions, coastal and flood resilience, and financing and delivery models, reflecting the breadth of challenges and opportunities facing the global water sector today.

The largest-ever Water Expo: driving business and partnerships

The Water Expo — organised in cooperation with IFAT and the pre-eminent marketplace for urban water solutions for municipal and industrial users across Southeast Asia — was the largest in SIWW's history, occupying six exhibition halls across two floors and 23,000 square metres of exhibition space.

The 2026 edition attracted 500 exhibiting companies, with 56 percent overseas exhibitor participation, and featured the largest Singapore Pavilion to date.

Connecting technology providers, project owners and capital to accelerate deployment across the region, the Expo catalysed new opportunities and partnerships, and saw 53 product launches, 35 project announcements, and a series of MOU and contract signings.



Opening Address by Deputy Prime Minister and Minister for Trade and Industry, Mr Gan Kim Yong. Photo: Singapore International Water Week 2026

Key announcements and highlights

Across the week, SIWW2026 drove a series of landmark announcements and partnerships spanning research funding, innovation alliances, commercial partnerships, research funding, as well as guidelines and frameworks. Key highlights include:

- **Nearly S\$100 million in funding awarded under the Research, Innovation and Enterprise (RIE) 2030 Urban Solutions & Sustainability Domain**, for PUB to advance research and development of municipal and industrial water solutions.
- **Over 15 MOUs and partnerships at SIWW2026.** Among them were MOUs between PUB and multiple stakeholders to form the Industrial Water Solutions Innovation Ecosystem Alliances for the data centre and wafer fabrication sectors.
- **S\$14 million in funding awarded by PUB to five projects under the Living Lab pillar of the Coastal Protection and Flood Management Research Programme**, supporting the test-bedding of coastal protection measures at selected locations along Singapore's coastline.
- **Launch of the Coastal Protection Code of Practice** to guide landowners and industry in fulfilling their coastal protection obligations, and the **Flood-Resilient Developments Guidebook** to help developments better manage flood risks.
- **New partnerships to support the development and international deployment of water technologies.** These included a new global cross-sector partnership involving Ramboll, Henning Larsen, the Royal Danish Academy and the University of Canberra to explore the use of wastewater treatment by products as feedstock for low-carbon, circular building materials; as well as a strategic collaboration between Netatech, Dassault



Launch of Code of Practice on Coastal Protection by Ms Grace Fu, Minister for Sustainability and the Environment and Minister-in-charge of Trade Relations and Mr Ong Tze Chin, Chief Executive, PUB, Singapore's National Water Agency. Photo: Singapore International Water Week 2026

Systèmes and YellowScan to support next-generation coastal protection, digital twin intelligence and autonomous environmental monitoring capabilities.

- **Launch of the 3rd addendum to the 4th edition of the WHO Guidelines for Drinking-water Quality**, which updates guidance across areas including small water supplies, sanitary inspections, water safety plans, microbial water quality risk management, priority waterborne pathogens, pesticides used for vector control in drinking water and supporting resources for implementation.

“SIWW2026 has shown what is possible when the global water community comes together with urgency, purpose and ambition. The ideas, partnerships and solutions advanced this week reflect the momentum needed to strengthen water security, climate resilience and sustainable urban development. As water challenges become more complex, SIWW will strive to be the platform where cities, utilities, industry and researchers can collaborate, innovate and turn shared challenges into scalable solutions,” said Mr Ryan Yuen, Managing Director of SIWW.

The next edition of SIWW, the 12th Singapore International Water Week (SIWW2028), will return from 12 to 15 June 2028 at the Sands Expo and Convention Centre, Singapore.



Photo above: Memorandum of Understanding (MoU) Signing at Singapore International Water Week (SIWW) 2026 to kickstart the formation of Industrial Water Solutions Innovation Ecosystem Alliances for the data centre sector.

From left to right:

Mr Michael Toh, Managing Director, Singapore Water Association,
Dr Gurdev Singh, Chief Engineering & Technology Officer, PUB, Singapore's National Water Agency,
Prof A Senthil Kumar, Professor and Deputy Head (Research), Department of Mechanical Engineering, National University of Singapore, and
Mr Lim Mingcheng, 1st Vice Chair, Data Centre Chapter, SGTech.

Photo: Singapore International Water Week 2026

Preparatory works for ‘Long Island’ project to commence from end-2026; measures to be implemented to mitigate impact on the environment and community

Preparatory works for ‘Long Island’, Singapore’s large scale critical coastal protection strategy, will commence from end-2026. The Housing & Development Board (HDB), the appointed reclamation agent for ‘Long Island’, will implement measures to mitigate the impact of preparatory works on the environment and community, based on findings from an Environmental Study. The Urban Redevelopment Authority (URA) also reiterated the Government’s commitment to continue engaging stakeholders on the planning and design of ‘Long Island’ before finalising reclamation plans.

Preparatory works to be carried out progressively, with measures to minimise disruption

‘Long Island’ is a critical coastal protection measure to safeguard lives and livelihoods, as rising sea levels increasingly affect low-lying coastal areas, including Singapore’s East Coast. Given the scale of the project, preparatory works are essential to lay the groundwork for the future land reclamation for ‘Long Island’. This is to support the timely implementation of ‘Long Island’ to respond to climate risks and meet our national needs.

The preparatory works will take place in the waters off the East Coast, and primarily involve the removal of seabed obstructions, followed by the construction of temporary sand bunds and sand infilling. The works will be at least 130 metres away from the shoreline and will be clearly demarcated by silt screens and/or floating barriers.

The preparatory works will be conducted in phases. The first phase will start in end-2026 and will be carried out in the waters west of Bedok Jetty. The first phase will cover an area of approximately 570 hectares, and it will span around 7 kilometres in length from east to west, and up to 1 kilometre wide from north to south. The second phase of preparatory works will be carried out in the waters to the east of Bedok Jetty, and will cover an area of approximately 155 hectares. To facilitate the continued use of part of the sea space fronting East Coast Park for water sports and the hosting of major international sporting events, including the Southeast Asian (SEA) Games in 2029, the second phase will only commence after the completion of these events. More details on the commencement date of the second phase will be shared when ready.

Members of the public can continue to access the beaches along East Coast Park throughout the preparatory works. Beaches will remain open and

accessible for near-shore swimming, while all exercise paths and tracks will remain accessible for jogging and cycling. However, sea users are advised to maintain a safe distance from the marine vessels deployed for the works and the designated work area which will be cordoned off to ensure public safety. Safety advisories will be put up at East Coast Park and on agencies’ websites¹.

Mitigation measures to guide sensitive implementation of preparatory works

HDB commissioned an Environmental Study for the preparatory works to study the potential impact of works on the environment and the community. The Environmental Study identified mitigation measures that should be adopted to address the potential environmental impact. As part of the Environmental Study process, HDB consulted the nature groups on the scope of study.

The Environmental Study identified the following key findings and mitigation measures for the preparatory works:

- a) No significant changes to water quality, which will continue to meet the prevailing marine water quality criteria;
- b) Slight localised changes to the currents and waves near Bedok Jetty, which are expected to have minimal impact on existing water-based activities. Near-shore activities such as swimming can continue along the entire stretch of the East Coast;
- c) Up to minor visual and ambient air quality impact from sand infilling operations are expected, with intermittent sediment plumes and dust. To minimise impact, silt screens will be deployed to contain the sediment plumes and dust levels will be closely monitored;
- d) Up to minor impact on some terrestrial and marine biodiversity as there are some coral and seagrass beds found near the site of the preparatory works that may experience short-term and localised impact from the sediment plumes. However, the majority of coral and seagrass in the vicinity, including Sisters’ Islands Marine Park, are largely unaffected.

- e) Some sea sports users will be displaced, due to reduction in sea space along East Coast. The impact

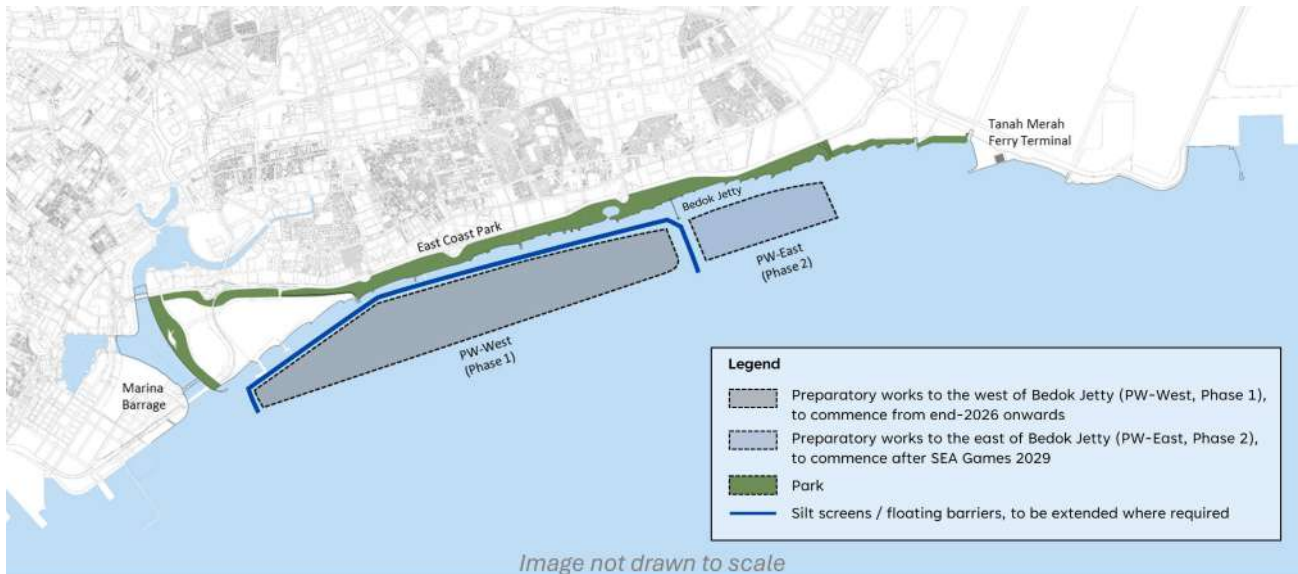


Image credit: HDB

will be mitigated by the phasing of preparatory works, with kiteboarding being the most affected, and minor to moderate impact on other sea sport users. Agencies will continue to work closely with affected sea sport users to explore alternative sites to continue their activities within the sea space to the east of Bedok Jetty in the interim, and elsewhere in Singapore.

An Environmental Monitoring and Management Plan² (EMMP) will be put in place to closely monitor environmental conditions throughout the preparatory works, including water quality, suspended sediment levels, noise and dust.

The Environmental Study report is available for public feedback for four weeks from 30 June 2026. Agencies will thoroughly evaluate the feedback received and incorporate suitable suggestions, before finalising the mitigation measures that will be adopted.

Detailed plans and design for 'Long Island' to be further developed through subsequent technical studies and continued public engagement before the start of reclamation works

The area that is used for preparatory works is not reflective of the future land profile of 'Long Island'. Agencies will continue to develop detailed plans for 'Long Island', including its final reclamation profile which will continue to be refined through ongoing technical studies and upcoming public engagements.

The main reclamation works for 'Long Island' will be undertaken later, and will only commence after agencies have completed the relevant technical studies, determined mitigation measures, and reviewed and incorporated feedback from

further public engagements. The technical studies will cover further environmental and engineering assessments for the actual reclamation profile and works, and are expected to be completed over the next few years.

As this project will span a few decades, agencies will continue to engage Singaporeans and stakeholders to shape the plans and design for 'Long Island' at various stages of the planning process in the years ahead. Drawing on ideas gathered from more than 14,000 people to date, agencies will begin the next phase of public engagement from end-2026. This phase will build on collective aspirations for 'Long Island' to strengthen Singapore's flood resilience, support sensitive and sustainable development, and preserve flexibility to meet the evolving needs of current and future generations. To shape a shared vision for 'Long Island', agencies will invite Singaporeans and stakeholders to explore key topics, including potential recreational activities along the new coastline and within the future reservoir.

More information on 'Long Island' and the upcoming preparatory works can be found at go.gov.sg/long-island.

¹Safety advisories can also be found on go.gov.sg/long-island and <https://www.nparks.gov.sg/visit/parks/park-detail/east-coast-park>.

²The EMMP outlines the mitigation measures, monitoring requirements, roles, and responsibilities required to manage and mitigate environmental impact, ensuring that the project's environmental impact remains within the levels predicted in the environmental assessment.

Outstanding international architecture and interiors revealed as World Architecture Festival announced

This year's best international architecture and interiors are revealed as the 2026 World Architecture Festival (WAF) shortlist is announced. Celebrating the most outstanding new completed buildings, interiors and landscape designs from around the world and visionary future architectural projects, the shortlist sets the stage for the festival's second event in the USA. Finalists will present their projects live to an international panel of esteemed judges at WAF 2026, which will take place at the Broward County Convention Center in Fort Lauderdale, Florida, from 18-20 November.

The 2026 WAF shortlist features 416 projects, across categories ranging from best Creative Re-Use, Housing and Education to best Hotel, Health, Sports and Culture. Selected from over 630 entries, this year's shortlist celebrates incredible groundbreaking architectural and design achievements.

This year's WAF shortlist brings together project entries from world leading practices including: Foster + Partners, Snøhetta, Herzog & de Meuron, Coldefy, Grimshaw, Sanjay Puri Architects, Perkins&Will, and Woods Bagot alongside work from an exciting new generation of emerging studios.

Within the shortlist, practices from the USA are the most highly represented, with China, India, UK, and Australia also in the top ten.

The full WAF shortlist awards can be viewed [here](#).

This year's 205 shortlisted completed buildings include everything from an immersive tropical clubhouse in Vietnam to a landmark fish market in Sydney and a 1.2-acre oceanfront park in Florida.

The 48 shortlisted interiors range from an off-grid private wildlife sanctuary and guest lodge in South Africa to a design-led rooftop bar in Bangkok, while the 12 shortlisted landscapes include a clubhouse in Vietnam designed as a living organism and an ecological landmark in the Philippines that showcases the structural material qualities of bamboo.

The 151 future projects shortlisted include a climate-responsive home in Mumbai and an ambitious vision for a children's hospital in Texas.

WAF features the world's largest live-judged architecture awards, complemented by keynote talks, an exhibition, and various fringe events including architecture tours, networking opportunities, and workshops.

This year's WAF Judging Panel of 164 experts representing 37 countries, includes: Peter Cook,



Techo International Airport by Foster + Partners. Photo credit: Nigel Young / Foster + Partners

Founder at Peter Cook Studio Crablab, Kai-Uwe Bergmann, Partner at BIG (Bjarke Ingels Group), Olga Bolshanina, Senior Partner at Herzog & de Meuron and Cazú Zegers, Director and Founder at Cazú Zegers Architecture.

The winners of this year's WAFX Awards, celebrating architecture that tackles major world issues, were announced on Monday 20 July on WAF social media channels, with the Special Prizes announcements on Monday 27 July.

All finalists on the shortlist will present their projects within their categories during the first two days of the festival. On the final day, category winners from across all 43 categories will go on to present to the Super Jury to compete for World Building, Landscape, Future Project and Interior Project of the Year. The overall winners of this year's Special Prizes, including WAFX, will also be announced live from the festival.

WAF programme director Paul Finch comments: "WAF continues to thrive with more than 630 entries to the Awards programme this year, despite global challenges. As ever, the combination of major practices and smaller firms, perhaps entering WAF for the first time, is refreshing, and the shortlisting judges were impressed by the design standards of the selected entries. We have also shortlisted designs for a host of special prizes, which will make for a stimulating set of presentations to our international judges in Fort Lauderdale this November."

WAF will be in Fort Lauderdale, Florida, for its 19th edition, following previous editions of the festival in Miami, Singapore, Lisbon, Amsterdam, Barcelona, and Berlin.



Two Taikoo Place

Contributing To A More Inclusive, Engaging Urban Environment

Located within a thriving urban hub of 10 interconnected towers, Swire's Two Taikoo Place enhances the well-being of tenants and the community through a mix of shared amenities and public spaces.

The first four floors are completely open to the public, promoting inclusivity and a range of social interactions within the building. The project hosts premium office spaces in a 42-level tower built over a three-level basement, three elevated walkways linked to other buildings, and 6,500 square metres of landscaped gardens. The gardens and water features help create a tranquil and inviting public space for the entire Taikoo Place community to enjoy.

Inspired by the history and geography of Quarry Bay, Taikoo Shing and the Swire Group, the Great Room lobby – a three-story atrium – was created as

a center of urban energy dedicated to collaboration and culture. It is also a powerful space with an expressive cloud-like ceiling, huge spatial volume and a one-of-a-kind 15 metres tall glass wall with no visual structure or mullions, providing magnificent, unobstructed views. Individual lanterns in the lobby are shaped like sugar cubes, paying homage to the Taikoo Sugar Factory.

Being one of the most sustainable buildings in Asia, the Two Taikoo Place is representing a dynamic new model for high-rise work—one that provides tenants with diverse workspaces that extend beyond the desk.

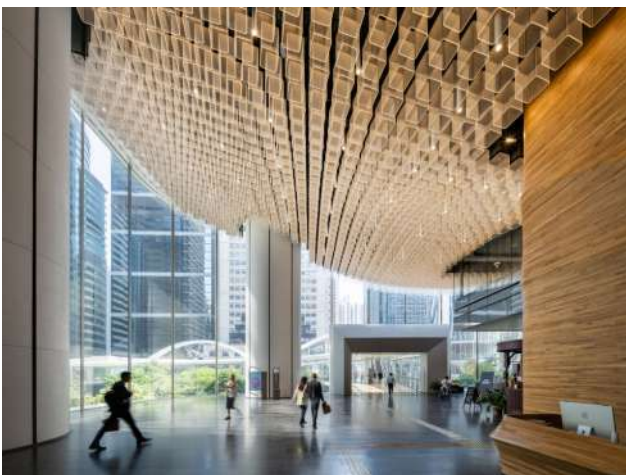


Rather than creating another dense cluster of towers, the design prioritizes openness, offering indoor and outdoor spaces that foster connection between the workplace and the community. Photographer: Kris Provoost

The design transitions from active indoor-outdoor spaces on the ground level, to urban amenities and co-working spaces on the main floors, to quieter executive lounges and a two-storey garden above. Sculpted tower corners strike an elegant presence on the skyline, while expansive glazing maximises daylight and frames views of Victoria Harbor and Taikoo Square.

The innovative building façade was designed to withstand 150 percent gusts from the strongest typhoon ever recorded in the city and also features the first curved frameless tension glass wall with the world's tallest pre-stressed rod.

In addition to its technical innovations, the design of Two Taikoo Place prioritizes beauty through materiality, craft and detail. The building core features European Oak that extends from the ground floor to the 41st floor, evoking stability and



The Great Room, a three-story atrium, blurs the boundary between indoor and outdoor environments with direct views to Taikoo Square, fostering a sense of connection with nature. Photographer: Vivien Liu

strength, while varied bands of Jet Mist granite in the flooring represent the sea, and flowing stone and metal floor patterns guide tenants and visitors.

Two Taikoo Place redefines the high-rise workplace as a layered ecosystem of indoor gardens, elevated terraces, and wellness-focused amenities. The integrated sustainable solutions that have been incorporated into design earned the project LEED Platinum, WELL Platinum, and BEAM Plus certifications, positioning it as a model for sustainable high-rise design.

Text by: NBBJ

Project name: Two Taikoo Place

Project location: Hong Kong, China

Purpose: Office, Commercial

Developer: Swire Properties Limited

Architect: NBBJ, in collaboration with Wong & Ouyang (HK) Limited

Total floor area: 92,000 square metres

Height: 195 metres

Number for floors: 42

Completion: 2023



The tower's façade remains elegant and minimal within Hong Kong's dense skyline, while its gently tapering corners introduce a sense of relief, softening the urban fabric. Photographer: Kris Provoost



Shenzhen Bao'an International Airport Satellite Concourse

A Seamless Travelling Experience That Focuses On Passengers' Wellbeing

The Shenzhen Bao'an International Airport Satellite Concourse jointly designed by GDAD, Aedas, and Landrum & Brown, is officially in operation from December 2021. Set directly to the north of the existing Terminal 3 building, it is a key step in the expansion project of one of the most important aviation hubs in South China.

The 238,885 square metres Satellite Concourse will support the growing needs of the airport and serve up to 22 million passengers per annum.

Arranged on the airport's central axis with Terminal 3 and the future Terminal 2, the buildings are efficiently connected by the Automated People Mover (APM) system, as well as the baggage handling and goods delivery systems.

"Shenzhen Bao'an International Airport Satellite Concourse will lead the development of a world-class airport cluster in the Guangdong-Hong

Kong-Macao Greater Bay Area," said Chen Xiong, Director, Director, Vice president, Chief Architect of GDAD.

"This is a bright, warm, and unique satellite concourse that resoundingly bears Shenzhen's signature," said Chen Xiong.

"The organising principles are functionality and flexibility, with an overarching goal to provide a seamless travelling experience that focuses on passengers' wellbeing," added Albert Tong, Aedas Executive Director, who has illustrated the vision by the comprehensive and well considered design.



Based on the design brief and extensive research, the optimized X-shape plan configuration for the Satellite Concourse allows smooth and efficient airfield operations and creates a delightful travel experience for passengers by means of the short walking distance.

A high performance and green exterior

The signature streamlined elliptical section gives the concourse its unique appearance and spatial character, whilst also acknowledging the form of existing Terminal 3. The layout of the roof skylights was inspired by the gently curving rivers of the region, and besides bringing natural light deep into the heart of the building, the pattern of daylight on the ceiling also serves as an intuitive wayfinding device for the passengers from inside the Concourse.

The dynamic external facade shading devices vastly reduce heat gain and, in tandem with internal shading systems, contribute significantly to energy saving.

By employing advanced software optimization, the shading devices were organized into four modular types to save cost and allow rapid construction. The curved, lightweight double-storey curtain wall gives both departing and arriving passengers a spectacular, panoramic views of the airport.

The form and design of the elegant fixed link bridges were considered holistically with the concourse building. The generous 5.4 metres internal width and airy feel enhance the bridges beyond their functional role as linkages and appreciably improves the passengers' boarding experience.



The satellite concourse also incorporates two outdoor landscaped viewing platforms, overlooking the Shenzhen cityscape and Pearl River estuary. This, along with the numerous innovative green features, has justly earned the Satellite Concourse its GBEL Three-Star Certification.

A calm and humane interior

The design adopted people-oriented principles from the outset, starting with the must-ride APM system. The high-headroom APM platforms are finished with warm-toned stone wall cladding and floorings, with a bright white ceilings to further emphasize the height and airiness; the integrated "Wings" LED light installation on the walls of the departures platform further enlivens the space and serve as a wayfinding device leading passengers up the escalators. On the arrivals platform, back-lit glass panels above the platform screen doors changes



colour as the next train arrives. These features aim to deliver a stress-free and seamless transit experience.

Leaving the APM station behind, passengers arrive in the light-filled, landscaped grand atrium space in heart of the Concourse. This space, and the rest of the concourse is lit by the 1.2 kilometres long skylight system, which brings in diffused natural daylight through the perforated diamond panels. Framed by the warm, triangular timber toned ceiling, the composition also provides a visual aid to guide passengers towards their gate.

Around the atrium is the multi-level Shenzhen-themed retail and food & beverage experience. Here, the vibrant shopfronts are set against a backdrop with carefully orchestrated materials and delicate colour palette that contribute to the warm and welcoming ambience.

The “Gemini Plazas” at each end of the retail area has a stunning height of 17 metres. Animated by the LED screens that surround the triangular features skylights, they can be used of events and exhibitions to create a truly immersive, Shenzhen experience.

The concourse gate lounges are zoned and identified by four colours evocative of the seasons, adding a splash of vitality to the calm overall ambience.

“Besides seamless travelling, what we created in the Shenzhen Airport Satellite Concourse is an entertaining and delightful experience for passengers, a new benchmark and the future for aviation architecture.” — Aedas Executive Director Albert Tong.

Text by: Aedas

Project name: Shenzhen Bao'an International Airport Satellite Concourse

Project location: Shenzhen, China

Client: Shenzhen Airport (Group) Co., Ltd.

Design architect: Guangdong Province Architectural Design and Research Institute (GDAD), Aedas, Landrum & Brown (USA)

Planning: Landrum & Brown (USA)

Gross floor area: 238,885.38 square metres

Completion year: 2021

Photo credit: Aedas, Terrence Zhang, Chen Weizhong

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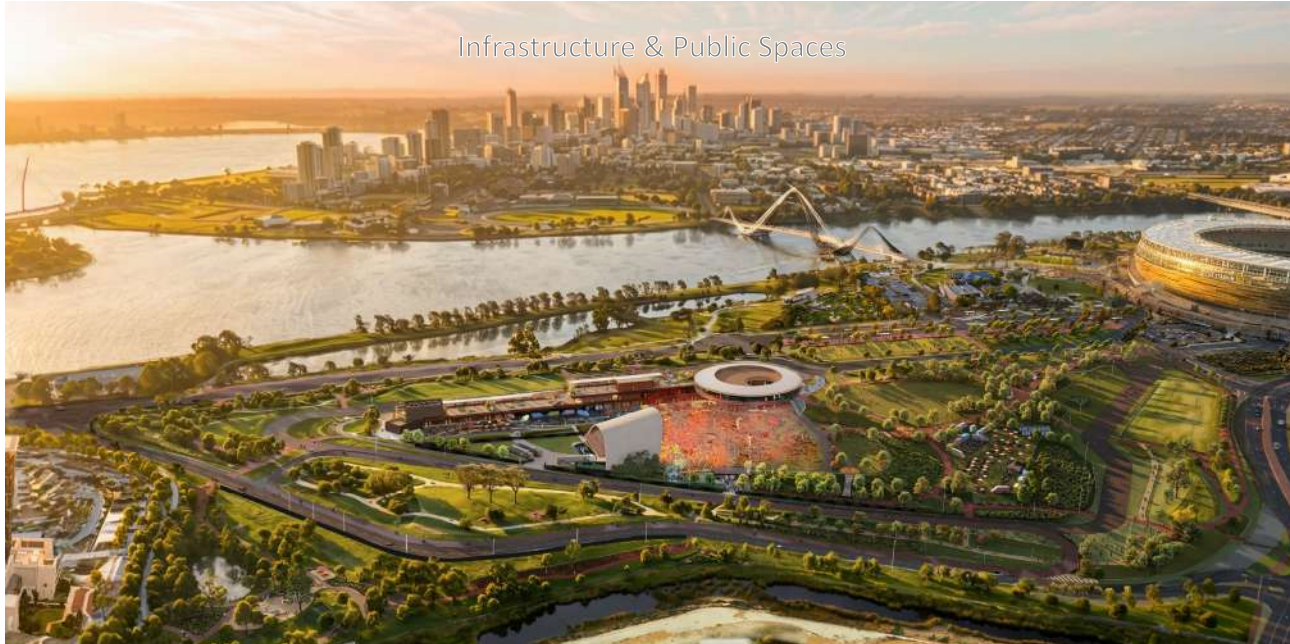
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Perth Park: these visualisations have been developed from detailed design models and may be subject to change.

Perth Park

A Vibrant, Multi-Purpose Destination

Perth Park is a major city-shaping activated precinct development located at Burswood Park, designed to expand Western Australia's capacity to host world-class sport, entertainment and cultural events.

The \$217.5 million project will create a vibrant, multi-purpose destination delivering benefits for the local community and is expected to create more than \$61 million in economic activity each year. The precinct will be activated by a year-round calendar of community and commercial events, from large-scale festivals to intimate local functions. The precinct will include all ability indoor and outdoor spaces for community gathering and recreational sports.

Positioned alongside Optus Stadium and the Swan River, the precinct will integrate new and existing infrastructure to create a connected, year-round events and recreation hub. Central to the design is a large-scale outdoor amphitheatre, accommodating up to 12,000 spectators, alongside a multi-use track capable of hosting major events, including an annual motorsport event, as well as full precinct events, criterium cycling and community recreational sport and parkland.

The design prioritises flexibility, enabling the precinct to support a diverse program of live music, sport and cultural events, while remaining a

precinct parkland accessible for everyday community use. Extensive landscape renewal and improved connectivity will enhance the parkland setting, reinforcing the site's relationship to the river and surrounding precinct.

Once complete, Perth Park will establish a new benchmark for integrated, multi-purpose event destinations in Australia, supporting economic growth, tourism and long-term community value.

"Perth Park will be the next step in the transformation of the Burswood Peninsula and elevate the area into a world-class hub for sport, entertainment, culture and the arts" – Hon. Rita Saffioti, Deputy Premier; Treasurer; Minister for Transport; Sport and Recreation

An Amphitheatre will provide a more flexible option for international touring artists

The permanent amphitheatre will enable an increase in the number of local events, intimate concerts and global music acts hosted in the State. The design will also allow for scalable capacity to cater for different audience sizes.



Permanent back-of-house amenities for artists and event organisers will include dressing rooms, production spaces and storage.

The venue will feature a variety of viewing options, with space for people to stand or sit at the front of the stage, and a grassed area suitable for standing or relaxing. Premium viewing areas will also be offered.

Multi-use track for cycling and street circuit events

A designated cycling training route of 845 metres, separated from vehicle traffic, has been designed in collaboration with key cycling stakeholders and in consideration of managing cyclist and pedestrian interfaces.

In addition, an approximate 1.25 kilometres criterium cycling track will be enabled on the inner track for competitive cycling events. The training and competitive tracks could also be combined for an alternate event option.

The inner track and surrounding roads will be constructed and/or upgraded to FIA Grade 3 standards, enabling the precinct to host an annual three-day motorsport street circuit event.

Spanning approximately 3 kilometres, the circuit will feature 12 turns and a main straight anticipated to be capable of reaching top speeds of up to 230 kilometres per hour.

Multi-use Building catering for a wide range of community, corporate and entertainment events

The multi-use building will feature event, function and sporting facilities along with other public amenities that will support events and hospitality for the Amphitheatre and the broader precinct. The building will be designed to cater for an annual motorsport event and cycling events.

The ground floor will be an adaptable event space providing direct access to the track and adjacent event overlay areas, transforming into pit facilities during the annual motorsport event.

The building will also offer a range of event, function, and meeting spaces, with viewing



opportunities overlooking the track, the amphitheatre and the city. A public viewing platform is envisaged to be accessible for most of the year.

The precinct has been designed to embrace multiple forms of transport access including a fully accessible pedestrian boulevard that will link the stadium station and precinct core.

The project is being delivered by the Perth Entertainment and Precinct Alliance comprising Seymour Whyte, Cvmec Construction & Engineering and Aurecon Australasia, with Urban Design, Architecture, Landscape Architecture, Interior Design and Wayfinding led by a design team from Populous, Architectus and Urbis.

Text by: Populous

Project location: Perth, Australia

Developer: Office of Major Transport Infrastructure Delivery

Urban Design, Architecture, Landscape

Architecture, Interior Design and Wayfinding:

Populous, Architectus and Urbis

Construction and Engineering: Seymour

Whyte, Cvmec Construction & Engineering and

Aurecon Australasia

Park size: 28 hectares

Completion: 2027

Image credit: Populous

Council on Vertical Urbanism announces 2026 Award of Excellence winners

Annual global competition recognises projects redefining density, performance and urban possibility in a period of rapid transformation.

On 26 May 2026, the Council on Vertical Urbanism (CVU) announced the recipients of its 2026 Award of Excellence honours, recognising 73 projects, concepts and initiatives that exemplify new directions in vertical urbanism across the globe. Awardees representing work from 20 countries across 20 categories and subcategories reflect a growing emphasis on adaptability, interdisciplinary thinking and long-term urban value. (View the full list of winners [here](#).)

The 2026 competition brought together submissions from architects, engineers, developers, planners, contractors, manufacturers and researchers working at multiple scales, from individual buildings and structural systems to district-scale infrastructure and urban regeneration strategies. Winning entries were selected by multidisciplinary juries composed of experts from across the built environment industry.

“What distinguished this year’s winners was not simply technical achievement or architectural ambition, but clarity of purpose,” said CVU CEO Javier Quintana de Uña. “These projects demonstrate a deeper understanding of what cities now require: flexibility under changing conditions, intelligent resource use, cutting-edge technology integration, meaningful public engagement and development strategies capable of delivering lasting social and environmental value.” Many of this year’s recognized projects prioritise integration over isolated architectural gestures, linking mobility infrastructure, climate-responsive public space, mixed-use density and adaptable building systems. Several winning entries also explore emerging construction methodologies, next generation materials, adaptive reuse and new approaches to embodied carbon reduction.

For the second consecutive year, CVU is also inviting awards participants to contribute embodied carbon and material usage data through the organization’s Carbon Commitment Initiative, a

voluntary effort to establish shared global benchmarks for lower-carbon tall building development. Nearly 50 projects worldwide have already committed data over the past two years, with CVU now targeting contributions from more than 100 projects ahead of the release of initial findings at the 2026 VU Summit in London this October. Contributed information will support the development of a public-facing benchmarking dashboard within the CarbonSpace platform, created in collaboration with Sustainability Executive Program Partner MVRDV NEXT.

The future of cities

This year’s announcement also marks a pivotal moment for the organization itself, as the Council on Vertical Urbanism evolves from the Council on Tall Buildings and Urban Habitat to reflect an expanded ambition for the future of cities. The transition expands upon the organization’s longstanding focus on tall buildings by situating them within the larger urban systems that shape daily life, including density, infrastructure, livability, climate responsiveness and public realm.

That evolution also reflects changes taking place across the built environment industry, according to Paul De Santis, Partner and Design Director at Goettsch Partners, who chaired the construction category jury.

“Across disciplines, there’s growing recognition that buildings must be evaluated by more than their individual presence or technical achievement,” said De Santis. “The most consequential work emerging today considers how projects contribute to the larger urban ecosystem...how they support connectivity, sustainability, adaptability and the everyday experience of the city itself. That broader perspective was evident across many of this year’s submissions.”

While height remains central to urban

development, CVU's expanded vision recognizes that the success of cities will increasingly depend on how effectively buildings support social cohesion, environmental performance, mobility and resilience.

"Cities are entering an era defined by simultaneous pressures: climate adaptation, housing demand, infrastructure constraints and rapid social change," added Quintana de Uña. "The projects recognized this year demonstrate that the future of vertical urbanism will not be defined by height alone, but by how effectively buildings conserve resources, support public life, adapt over time and strengthen the resilience and equity of cities. What these winners ultimately show is that density, when approached intelligently and

responsibly, can become one of the most powerful tools for shaping a more sustainable and livable urban future."

Award of Excellence winners will advance to the next phase of the competition during the 2026 VU Summit, taking place 26–29 October in London, where project teams will present their work live before juries. Final "best in category" distinctions and overall awards will be announced during the conference's awards ceremony and dinner on 28 October.

Now in its 24th year, CVU's annual Awards Program continues to serve as an international benchmark for excellence in vertical urbanism and city-making.

Council on Vertical Urbanism 2026 Award of Excellence Winners



Best Tall Building, by Height, Under 100 metres
Midea Global Innovation Park, Shanghai, China (Photo credit: Midea Group)



Best Tall Building, by Height, Under 100 metres
Punggol Digital District, Singapore (Photo credit: Darren Soh)



Best Tall Building, by Height, Under 100 metres
Trellis, South Brisbane, Australia (Photo credit: Mark Nilon)



Best Tall Building, by Height, 100 to 199 metres
18T Mansion, Chongqing, China (Photo credit: Kris Provoost)



Best Tall Building, by Height, 100 to 199 metres
EZ Parque da Cidade, São Paulo, Brazil (Photo credit: Joana França)



Best Tall Building, by Height, 100 to 199 metres
Guangzhou One Pengrui, Guangzhou, China (Photo credit: Rex Zou)



Best Tall Building, by Height, 100 to 199 metres

Parkline Place, Sydney, Australia
(Photo credit: Aaron Hargreaves, Foster + Partners)



Best Tall Building, by Height, 100 to 199 metres

Shenzhen Building Craftsman Headquarters, (Photo credit: Aedas)



Best Tall Building, by Height, 100 to 199 metres

SHIBUYA AXSH, Tokyo, Japan
(Photo credit: Kawasumi Kobayashi Kenji Photograph Office)



Best Tall Building, by Height, 100 to 199 metres

Xinhu Hangzhou Prism, Hangzhou, China
(Photo credit: Xia Zhi. Photo courtesy of OMA)



Best Tall Building, by Height, 200 to 299 metres

One Bangkok Tower 4, Bangkok, Thailand
(Photo credit: Sky Media. Photo courtesy of KPF)



Best Tall Building, by Height, 200 to 299 metres

Pacific Xintiandi Commercial Center, Shanghai, China
(Photo credit: Shui On Land)



Best Tall Building, by Height, 200 to 299 metres

Sany IROOTECH Headquarters, Guangzhou, China (Photo credit: Dave Burk, SOM)



Best Tall Building, by Height, 300 metres and above

270 Park Avenue, New York City, United States
(Photo credit: Foster+Partners)



Best Tall Building, by Height, 300 metres and above

Wasl Tower, Dubai, United Arab Emirates (Photo credit: Ahmed Alnaji, Sarab)



Best Tall Building, by Region, Americas
1020 Spring Street, Atlanta, United States
(Photo credit: Gregory Campbell, Portman Holdings)



Best Tall Building, by Region, Americas
270 Park Avenue, New York City, United States (Photo credit: Foster+Partners)



Best Tall Building, by Region, Americas
EZ Parque da Cidade, São Paulo, Brazil
(Photo credit: Joana França)



Best Tall Building, by Region, Americas
Maestria, Montreal, Canada
(Photo credit: David Boyer)



Best Tall Building, by Region, Americas
South Station Tower, Boston, United States (Photo credit: Jason O'Rear)



Best Tall Building, by Region, Americas
The Parker, Boston, United States
(Photo credit: Trent Bell Photography)



Best Tall Building, by Region, Asia
ByteDance Houhai Center, Shenzhen, China
(Photo credit: Ennead)



Best Tall Building, by Region, Asia
Guangzhou One Pengrui, Guangzhou, China (Photo credit: Rex Zou)



Best Tall Building, by Region, Asia
Keppel South Central, Singapore (Photo credit: Daniel Koh Photography)



Best Tall Building, by Region, Asia
Pacific Xintiandi Commercial Center, Shanghai, China (Photo credit: Shui On Land)



Best Tall Building, by Region, Asia
Punggol Digital District, Singapore (Photo credit: Darren Soh)



Best Tall Building, by Region, Asia
Sany IROOTECH Headquarters, Guangzhou, China (Photo credit: Dave Burk, SOM)



Best Tall Building, by Region, Europe
Enclave: Acton, London, United Kingdom (Photo credit: Kilian O'Sullivan)



Best Tall Building, by Region, Europe
Floating Gardens, Amsterdam, Netherlands (Photo credit: Sebastian van Damme)



Best Tall Building, by Region, Europe
The Bridge, Warsaw, Poland (Photo credit: Piotr Krajewski)



Best Tall Building, by Region, Europe
Trilogy Limassol Seafront West Tower, Limassol, Cyprus (Photo credit: Trilogy Limassol Seafront Ltd)



Best Tall Building, by Region, Middle East & Africa
Infinity Tower, Ra'anana, Israel (Photo credit: MYS Architects)



Best Tall Building, by Region, Middle East & Africa
Wasl Tower, Dubai, United Arab Emirates (Photo credit: Ahmed Alnaji, Sarab)


Best Tall Building, by Region, Oceania

Parkline Place, Sydney, Australia (Photo credit: Aaron Hargreaves, Foster + Partners)

Urban Habitat Award

Eden Dock, London, United Kingdom
 Gloucester on Yonge, Toronto, Canada
 Msheireb Downtown Doha, Qatar
 One Bangkok, Bangkok, Thailand
 Punggol Digital District, Singapore
 Xi'an CBD, Xi'an, China

Future Project Award

Hanoi Finance Tower, Hanoi, Vietnam
 Lighthouse at Darling Park, Sydney, Australia
 Retal Heights, Riyadh, Saudi Arabia
 Seventy Gracechurch Street, London, United Kingdom
 Shenton House, Singapore
 Six Senses Residences Dubai Marina, Dubai, United Arab Emirates
 The Living Bridge, Shenzhen, China
 U-View Tower, Jeddah, Saudi Arabia

10 Year Award

Central Bank of Kuwait New Headquarters, Kuwait City, Kuwait
 Kyobashi EDOGRAND, Tokyo, Japan
 Oasia Hotel Downtown, Singapore
 VIA 57 West, New York City, United States

Construction Award

270 Park Avenue, New York City, United States
 IOI Central Boulevard Towers, Singapore
 Elephant and Castle Town Centre, London, United Kingdom

“What distinguished this year’s winners was not simply technical achievement or architectural ambition, but clarity of purpose.”

CVU CEO **Javier Quintana de Uña.**

Repositioning Award

33 Alfred Street, Sydney, Australia
 One Central Plaza, Dublin, Ireland
 SX Stage 2, Melbourne, Australia

Innovation Award

A Novel Active Opening Window Module for Fire Safety in Tall Buildings
 Motioneering Opposed Pendulum Tuned Mass Damper (TMD)
 WSP Steel Re-Use Tool

Structure Award

10 World Trade, Boston, United States
 270 Park Avenue, New York City, United States
 8 Phillip Street, Parramatta, Australia
 One Circular Quay, Sydney, Australia
 Sany IROOTECH Headquarters, Guangzhou, China

Façade Award

Infinity Tower, Ra'anana, Israel
 No. 8 Castle Road, Hong Kong, China
 One Bloor West, Toronto, Canada
 Pacific Xintiandi Commercial Center Tower 1, Shanghai, China
 Parkline Place, Sydney, Australia

Systems Award

270 Park Avenue, New York City, United States
 Merdeka 118, Kuala Lumpur, Malaysia
 Webank Headquarters, Shenzhen, China

Space Within Award

270 Park Avenue, New York City, United States
 Geneo, Singapore
 Punggol Digital District, Singapore

Equity, Diversity & Inclusion Award

Geneo, Singapore
 Julia West House, Portland (Oregon), United States
 Punggol Digital District, Singapore
 Thrive Mental Health Employee Resource Group

Q&A with Mervyn Sirisena, the 31st President of The Institution of Engineers, Singapore (IES)

Established in 1966, The Institution of Engineers, Singapore (IES) is the premier national society for engineers, driving the nation's infrastructure and technological advancements.

Mervyn Sirisena shares his career journey, valuable experiences and action plan for IES.

Can you share your background with our readers?

I have had the privilege of spending more than four decades in the engineering, aeronautical and aviation sectors, building my career across both technical and leadership roles.

I previously served as President and Chief Operating Officer of Singapore Airlines Engineering Company, as well as Senior Vice President Engineering at Singapore Airlines, where I was responsible for engineering operations that supported one of the world's leading airlines.

Throughout my career, I have witnessed first-hand how engineering underpins safety, operational excellence and innovation. While engineering is often associated with technical expertise, I have come to appreciate that it is equally about leadership, collaboration and developing people.

The opportunity to work alongside talented engineers from diverse disciplines has reinforced my belief that engineering is ultimately about creating solutions that improve lives and enable progress.

As I take on the role of President of The Institution of Engineers, Singapore (IES), I hope to draw on these experiences to strengthen the profession, support our members at every stage of their careers, and help position engineering as a key driver of Singapore's future.

What inspired you to choose a career in aviation engineering?

Interestingly, I often say that I became an engineer by chance, but an aeronautical engineer by choice.

When I was deciding on my university education, there was a scholarship opportunity available for engineering, which opened the door to a profession I may not otherwise have



Mervyn Sirisena. Photo credit: IES

considered. At the same time, I had always been fascinated by aircraft and the idea of flight. That interest naturally drew me towards aeronautical engineering, where I could combine technical problem-solving with my passion for aviation.

Looking back, it was one of the best decisions I could have made. Aviation engineering is a field where there is no room for compromise—every design, inspection and maintenance decision has a direct impact on safety. That instilled in me a deep

appreciation that engineering is not simply about building or fixing things; it is about safeguarding lives and creating systems that society can rely on.

That belief continues to shape my approach today. Whether in aviation, the built environment or any other discipline, engineers play a critical role in improving the way people live and work, and it remains an incredibly meaningful profession.

What is your top priority as the new IES President?

One of my key priorities is ensuring that IES remains relevant and valuable to engineers at every stage of their careers, while preparing the profession for the challenges and opportunities ahead. A major focus will be strengthening engagement with young engineers. They are the future of our profession, and we want them to see IES not just as a professional institution, but as a community that supports their growth through mentorship, networking, continuous learning and career development. This is why we are introducing initiatives such as 'The Young IES' movement, which aims to better engage students, fresh graduates and early-career engineers.

At the same time, we must help our members navigate the rapid emergence of new technologies. Engineering is evolving quickly, with developments in areas such as artificial intelligence, automation, advanced materials, sustainability and digital engineering reshaping how engineers work across every discipline. IES will continue to expand professional development opportunities, technical resources and strategic partnerships so that our members can remain future-ready.

As we welcome IES' 60th anniversary this year, it is also an opportune moment to rejuvenate, rebrand and revitalise the engineering profession. Beyond appreciation, we want to strengthen public appreciation of the vital role engineers play in Singapore's success and inspire more young people to consider engineering as a rewarding career.

What emerging technologies do you expect to benefit civil/structural engineers in Singapore?

The engineering landscape is evolving rapidly, and civil and structural engineers are already benefiting from technologies such as artificial intelligence (AI), Building Information Modelling (BIM), digital twins, robotics, automation, advanced materials and modern methods of construction. These technologies are helping engineers design, build and maintain infrastructure more efficiently, safely and sustainably.

"One of my key priorities is ensuring that IES remains relevant and valuable to engineers at every stage of their careers, while preparing the profession for the challenges and opportunities ahead."

Mervyn Sirisena, 31st President of The Institution of Engineers, Singapore (IES)

However, I believe it is important to look beyond individual technologies. The role of the engineer is being fundamentally redefined. While new tools will continue to transform how we work, what must remain constant is the engineering mindset—the ability to solve complex, systemic problems using sound engineering principles and proven methodologies. That capability becomes even more valuable as engineers work alongside AI, robotics, cybersecurity and other emerging technologies.

At IES, we represent engineers across a wide range of disciplines, from the built environment and aerospace to manufacturing, energy and healthcare. Increasingly, innovation happens at the intersection of these sectors, making continuous learning and interdisciplinary collaboration essential. Engineers today need to be technically proficient, but they must also be adaptable and prepared to work across multiple domains.

This is why IES is committed to helping engineers remain future-ready. Alongside technical programmes on sustainability, climate change and engineering safety, we are expanding initiatives in leadership and professional development so engineers can build the management, communication and strategic skills needed to take on broader responsibilities throughout their careers.

Ultimately, engineering has always been a transformative profession. While today's discussions often focus on AI and digital technologies, transformation is not new to engineering.

Construction methods, for example, have evolved significantly over the decades through prefabrication, automation and advanced equipment, replacing many labour-intensive processes. Emerging technologies will not replace engineers; rather, they will empower engineers to deliver smarter, safer and more resilient solutions for Singapore's future.

Deluxe Systems Named "Best Showroom" at Tatler Homes Design Awards 2026

Just six months after its grand opening, the Deluxe Systems showroom in Singapore has clinched the prestigious title of "Best Showroom in Singapore" at the Tatler Homes Design Awards 2026. This major accolade celebrates a flawless synergy between elite Italian craftsmanship, sustainability, and cutting-edge minimalist architecture.

Conceived through the creative vision of architect Francesco Carota and brought to life by the strategic backing of entrepreneur Daniele Campione, who entrusted his vision to Project Manager Giuseppe Covino to make it a reality, the space is far more than a simple product display. It offers a sensory journey where the boundaries between indoors and outdoors seamlessly dissolve through monumental glass panes and ultra-slim structural systems that elevate natural light.

Under the leadership of Singapore Director Germano Vitali, the showroom has quickly become the premier hub for architects and developers across the ASEAN region aiming to redefine luxury living. Ultimately, this award recognizes an uncompromising philosophy of obsessive engineering in the design stage and millimetric precision in master installation.

Securing this Tatler Award is just the beginning of a season filled with design culture and technological innovation. To experience these integrated systems firsthand and explore new project opportunities, Deluxe Systems warmly invited the design community to visit them during the ARCHIFEST, which took place from July 22 to 24, at the Sands Expo & Convention Centre, Hall A & B, Level 1, Booth A161.



"Winning the 'Best Showroom' award is an extraordinary validation of our vision. It reflects the dedication and passion of our entire team, who have worked tirelessly to create a space that inspires and elevates the standards of living. This is a milestone that fuels our drive to continue pushing boundaries in the ASEAN market."

Daniele Campione, Founder of Deluxe Systems.



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Safety & Security Asia: More than just a trade show

After a successful debut in 2025, Safety & Security Asia returns for its second edition from 10th-12th November 2026 at Sands Expo & Convention Centre in Singapore. The 2026 edition will span 17,000 square metres of exhibition space – a 30 percent increase over the previous edition – and will welcome a larger and more diverse line-up of international exhibitors, says Ms Lau Ping Ping, General Manager, Nineteen APAC Pte Ltd (part of Nineteen Group). In this interview, we asked Ms Lau to tell us more about this year's programme, the company's vision, and new trends that will impact the security industry.

What are the key highlights of the second edition of Safety & Security Asia show and what is new this time?

The second edition of Safety & Security Asia will be bigger and more comprehensive, building on the strong foundation established by our successful inaugural event in 2025.

One of the biggest developments for 2026 is the launch of The Emergency Services Show Asia, which expands the portfolio into emergency medical services, fire and rescue, disaster management, and emergency response. Together with The Security Event Asia, The Fire Safety Event Asia, The Health & Safety Event Asia and Pro Integration Future Asia, this creates an even more integrated platform for the region's safety and security community.

The strength of this vision is reflected in the confidence shown by our industry partners. We are proud to welcome EMS Asia, who will be hosting one of their official conference breakout tracks within the Emergency Services Leaders Summit Theatre. Their decision to partner with SSA demonstrates the industry's trust in our platform and our shared commitment to advancing emergency medical care and fostering greater collaboration across the region.

Reflecting its continued growth, the 2026 edition will span 17,000 square metres of exhibition space – a 30 percent increase over the previous edition – and will welcome a larger and more diverse line-up of international exhibitors, showcasing the latest technologies, solutions, and innovations from around the world. The expanded show floor will create even greater opportunities for exhibitors, buyers, and industry professionals to connect, collaborate, and discover new business



Ms Lau Ping Ping

opportunities across the region.

Beyond the exhibition, SSA has evolved into a true industry platform that extends far beyond a traditional trade show. Visitors can expect three days of conferences, seminars, live demonstrations, competitions, award ceremonies, networking events and interactive feature areas designed to

“Our vision is for Safety & Security Asia to become the region's premier one-stop platform where the entire safety and security community comes together to discover innovation, exchange knowledge, build strategic partnerships, and drive the adoption of solutions that create safer, smarter, and more resilient communities across Asia.”

Ms Lau Ping Ping, General Manager, Nineteen APAC Pte Ltd (part of Nineteen Group)

encourage knowledge sharing and meaningful engagement across the industry.

We are pleased to welcome back several successful conference programmes from 2025, including the Security Industry Conference, Safety Collective Event, IOSH Conference and XForum, alongside a host of new specialist programmes across the co-located events. Together, these sessions will bring industry leaders, practitioners and experts together to discuss emerging challenges, share best practices and explore the trends shaping the future of safety and security.

The industry will once again have the opportunity to gain international recognition for excellence and innovation through the Southeast Asia Outstanding Security Performance Awards (OSPAs) and the Merlion Awards. While the OSPAs recognise outstanding achievements and leadership within the security profession, the Merlion Awards celebrate innovative products, technologies and solutions from exhibitors at SSA showcasing advancements that are shaping the future of security, fire safety, workplace safety and health, emergency response, smart workplace and technology throughout the region.

Building on the success of last year's initiative, we are once again partnering with Skills for Security to deliver the Skills for Security Competition Asia, which has been expanded to include a dedicated fire safety systems competition. These initiatives reinforce SSA's commitment to developing talent, recognising industry excellence and supporting the next generation of professionals.

A key theme running throughout SSA 2026 is the importance of cross-sector collaboration. As the boundaries between security, fire safety, workplace health and safety, emergency services and professional audiovisual technologies continue to converge, the event has been designed to encourage greater dialogue and systems integration between these interconnected industries.

Supporting this growth is our most ambitious visitor marketing campaign to date. Building on the strong attendance achieved in 2025, we have significantly expanded our regional outreach across ASEAN, with dedicated campaigns targeting key

markets including the Philippines, Thailand, Vietnam and Indonesia. Combined with our extensive partnerships with industry associations, media organisations and government stakeholders, these initiatives will attract an even broader audience of qualified buyers and decision-makers from across the region.

Ultimately, SSA 2026 will deliver far more than an exhibition. It will provide an unrivalled platform for discovering innovation, gaining practical industry insights, celebrating excellence, developing future talent and building meaningful business connections—all under one roof.

How do you see Safety & Security Asia (SSA) and its comprising events, The Security Event Asia, The Fire Safety Event Asia (FSEA), The Health & Safety Event Asia (HSEA), Pro Integration Future Asia (PIFA) and the newly launched The Emergency Services Show Asia (ESSA) become a one-stop solution for exhibitors and visitors?

Safety and security challenges are becoming increasingly interconnected, and organisations are looking for solutions that work together rather than in isolation. This is where Safety & Security Asia (SSA) offers unique value.

By bringing together The Security Event Asia, The Fire Safety Event Asia, The Health & Safety Event Asia, Pro Integration Future Asia and the newly launched The Emergency Services Show Asia, SSA creates a comprehensive platform spanning security, fire safety, workplace health and safety, professional audiovisual and emergency response.

For visitors, this means access to a significantly broader range of technologies, solutions, and expertise in a single destination. They can discover the latest innovations, compare products across multiple sectors, gain valuable insights from industry experts, and engage directly with a diverse network of solution providers—all under one roof. This integrated experience saves time, enhances decision-making, and provides a more comprehensive view of the technologies shaping the future of safety and security.

For exhibitors, the co-location creates



Photos on this page: The inaugural Safety & Security Asia 2025 show in Singapore was a huge success.
Photos: Nineteen APAC Pte Ltd

unparalleled opportunities to reach a larger and more diverse audience of qualified buyers and decision-makers from across the safety, security, fire, health, emergency services, and smart building sectors. It enables businesses to generate high-quality leads, forge cross-sector partnerships, showcase integrated solutions, and position themselves at the centre of an evolving industry ecosystem.

Our vision is for Safety & Security Asia to become the region's premier one-stop platform where the entire safety and security community comes together to discover innovation, exchange knowledge, build strategic partnerships, and drive the adoption of solutions that create safer, smarter, and more resilient communities across Asia.

Safety & Security Asia made its Asia Pacific debut in Singapore in November 2025. Why was Singapore chosen as the venue?

Singapore was the natural choice for both our APAC headquarters and the launch of Safety & Security Asia. While it may not be the lowest-cost destination for hosting exhibitions, it offers one of the strongest ecosystems for delivering successful international trade shows. The country combines exceptional government support—particularly from the Singapore Tourism Board (STB)—with world-class infrastructure, a highly transparent and business-friendly environment, and outstanding air connectivity to major markets across Asia and beyond. As a globally recognised business hub,



“Overall, the industry is moving towards a future where AI, automation, and system integration are no longer optional—they are becoming fundamental to the development of smart cities and intelligent buildings.”

Ms Lau Ping Ping, General Manager, Nineteen APAC Pte Ltd (part of Nineteen Group)

Singapore also attracts a high-quality international audience of decision-makers, buyers, investors, and industry leaders, making it an ideal meeting point for the region.

Launching Safety & Security Asia in Singapore was therefore a strategic decision. The city-state serves as a gateway to the rapidly growing Asia-Pacific market, providing exhibitors with access to regional opportunities while giving visitors a convenient platform to discover global innovations and connect with leading solution providers. By establishing both our regional office and flagship

“Establishing our APAC office in Singapore was a strategic step in Nineteen Group’s international growth. Asia Pacific is a dynamic and rapidly developing market, with significant opportunities across the industries we serve, and having a dedicated team on the ground allows us to better understand and respond to the needs of the region.”

Ms Lau Ping Ping, General Manager, Nineteen APAC Pte Ltd (part of Nineteen Group)

event in Singapore, we are building a long-term platform that brings together the international safety and security community to drive innovation, foster collaboration, and support the region’s growing demand for safer, smarter, and more resilient cities and industries.

Can you discuss some new trends that will impact the security industry?

One of the biggest trends shaping the industry is the convergence of security, fire protection, health and safety, audiovisual, and integrated building systems into a single connected ecosystem. As governments across the Asia-Pacific region accelerate investments in smart cities, digital infrastructure, and urban development, demand is growing for intelligent solutions that enhance public safety, improve operational efficiency, and enable faster, data-driven decision-making. Artificial intelligence (AI), automation, cloud technologies, and advanced analytics are at the heart of this transformation, powering capabilities such as intelligent video analytics, predictive threat detection, automated emergency response, and real-time building management.

The rapid adoption of smart city initiatives is also driving greater integration across traditionally separate systems. Rather than deploying standalone technologies, cities and organisations are increasingly investing in connected platforms that bring together security, fire protection, workplace health and safety, emergency response, and audiovisual systems. This holistic approach provides better situational awareness, enables coordinated incident management, and creates safer, smarter, and more resilient urban environments.

The pace of adoption, however, varies across the region. Singapore, Japan, and South Korea are leading the deployment of AI-powered, integrated security and smart city technologies, while China continues to invest heavily in large-scale intelligent city infrastructure. Meanwhile, high-growth markets such as India, Indonesia, and Vietnam are rapidly expanding investments in critical infrastructure, commercial developments,

transportation networks, and industrial facilities, creating strong demand for advanced security, fire protection, and integrated safety solutions.

Overall, the industry is moving towards a future where AI, automation, and system integration are no longer optional—they are becoming fundamental to the development of smart cities and intelligent buildings. As Asia-Pacific continues to urbanise, organisations will increasingly seek connected solutions that not only protect people and assets but also improve efficiency, sustainability, and resilience.

Nineteen Group set up its official Asia-Pacific (APAC) presence and launched its Singapore-based office in April 2024 to expand its portfolio into the region. Can you tell us more about the decision to open an office in Singapore and how does it align with your company vision and plans?

Establishing our APAC office in Singapore was a strategic step in Nineteen Group’s international growth. Asia Pacific is a dynamic and rapidly developing market, with significant opportunities across the industries we serve, and having a dedicated team on the ground allows us to better understand and respond to the needs of the region.

Singapore was a natural choice due to its strong business environment, excellent connectivity and position as a regional hub. It provides us with a strong base from which to build relationships with industry partners, associations, government bodies, exhibitors and visitors across Asia Pacific.

The move also aligns with our broader vision of developing high-quality, industry-led event platforms in key international markets. Rather than simply replicating our UK events, our aim is to build events that are relevant to the region, shaped by local industry needs and supported by strong partnerships. The launch of Safety & Security Asia reflects this approach and represents an important part of our long-term commitment to the APAC market.

Security Trends Shaping Building Security

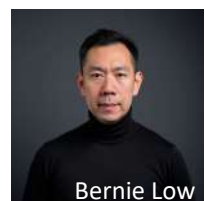
In this article, various security solutions industry players share their views and present the innovations that will redefine building security.



University of Greifswald, Germany. Photo: Salto

Securing Modern And Heritage Buildings With Wire Free Solutions By Salto

Bernie Low, General Manager - Southeast Asia, Salto Systems Pte Ltd comments:



Salto is transforming physical security by replacing traditional mechanical keys with intelligent access control solutions powered by the cloud-based Salto KS or the on-premise Salto Space software.

Combining advanced security technology with elegant design, Salto delivers the perfect balance of operational efficiency, user convenience, and robust protection without compromising architectural aesthetics.

By moving away from rigid, hardwired infrastructure, Salto enables facility managers to

achieve flexible, intelligent, and real-time control over access points across the entire property portfolio. From contemporary commercial developments to historically significant heritage buildings, Salto provides a sophisticated security solution that adapts seamlessly to both operational and design requirements.

Key benefits of Salto

- **Real-Time Access Control and Monitoring:** Salto verifies user credentials instantly, granting or

“By moving away from rigid, hardwired infrastructure, Salto enables facility managers to achieve flexible, intelligent, and real-time control over access points across the entire property portfolio.”

Bernie Low, General Manager - Southeast Asia, Salto Systems Pte Ltd

denying access based on live permissions and security policies. Every access event is recorded in real time, enabling comprehensive monitoring, auditing and reporting. This enhanced visibility provides security personnel with greater situational awareness and tighter control over building operations.

- **Preserving Architectural Aesthetics:** One of Salto's key advantages is its ability to eliminate the need for bulky external card readers, electromagnetic locks, electromechanical strikes, exit buttons, and emergency break-glass units commonly associated with traditional access control systems. The result is a cleaner, more refined appearance that preserves both interior and exterior design aesthetics, keeping walls and doorways visually uncluttered.

- **An Ideal Solution for Heritage Buildings:** Retrofitting heritage properties with modern security systems often presents significant design challenges. Conventional access control hardware can appear intrusive on century-old timber doors and historic facades. Salto's compact lock design, available in a wide range of premium finishes, integrate discreetly into heritage environments while requiring minimal modification to original doors and architectural features. This makes Salto an ideal solution for preserving the character and integrity of historically significant buildings.

- **Significant Cost Savings:** By leveraging advanced battery-operated smart locking technology, Salto significantly reduces the need for extensive cabling, core drilling, and future rewiring. Lower installation complexity translates into reduced labour costs, minimal disruption to building operations, and lower long-term maintenance expenses, delivering substantial capital and operational savings.

- **Scalability for Every Environment:** Whether securing a single retail outlet, a multi-site commercial portfolio, or a global enterprise managing thousands of doors and users, Salto scales effortlessly to meet evolving security requirements. The flexibility of a wire-free system



Nebrija University, Spain. Photo: Salto

also allows additional access points to be incorporated easily without major infrastructure upgrades.

- **Mobile Access Integration:** Salto enables users to unlock doors securely using smartphones and digital credentials. Through technologies such as NFC, Bluetooth, and Apple wallet integration, organisations can eliminate the cost and administrative burden associated with issuing, replacing and managing physical access cards.

- **A Highly Interoperable Security Ecosystem:** Through its robust API and SDK, Salto integrates seamlessly with existing security and building management platforms. Electronic locks can be connected with third-party video surveillance, visitor management and intrusion detection systems, creating a unified security ecosystem that enhances overall facility protection and operational efficiency.

The smart choice for modern and historic properties

As organisations seek smarter and more flexible approaches to security, Salto offers a compelling alternative to conventional access control systems. Its wire-free architecture, elegant design, scalability, and integration capabilities make it equally suited to cutting-edge developments and treasured heritage buildings; delivering modern security while preserving architectural character.



Griffith University, Nathan campus. Photo: Genetec



Lee Shelford, Sales Engineering Manager and Cloud Lead APAC at Genetec comments:

Lee Shelford

Physical security technology in buildings, particularly those building management organisations with multiple sites, are moving towards a deployment model mixing both cloud and on-premises data storage capabilities. With the threat environment constantly evolving, it is imperative for businesses to ensure they evolve with the times by investing in technology capable of detecting threats in real-time, regardless of where the operator is working from.

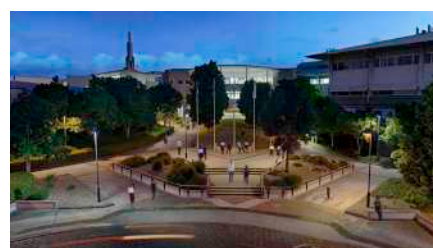
The capability of this nature is continuing to advance, with cloud technologies being adopted by a wide variety of industries. The ability for physical security professionals to have a system ingesting video surveillance, access control, license plate recognition and Industrial IoT data into a unified

technology platform is a powerful tool in mitigating risks posed to commercial building landlords and operators. Respondents to the 2026 Genetec State of Physical Security Report¹ identified that there would be increased integration “between building automation, visitor management, and other enterprise applications”. This follows another trend, as mentioned above, that adoption of cloud deployment for operational technology data management is continuing².

An example of a recent project in this vein is the deployment of Genetec Security Center SaaS for Griffith University in Queensland, Australia. Using a cloud-native physical security solution allows access to be granted to security officers at each location while maintaining centralised oversight. Campus partitioning means each team sees only their own cameras, keeping operators focused on what matters most. One of Griffith's unique challenges is the diversity of its campus environments. At the Brisbane South (Nathan) campus, dark pathways and bushfire risk demand



Griffith University, Gold Coast campus. Photo: Genetec



Griffith University, Logan campus. Photo: Genetec

“The ability for physical security professionals to have a system ingesting video surveillance, access control, license plate recognition and Industrial IoT data into a unified technology platform is a powerful tool in mitigating risks posed to commercial building landlords and operators.”

Lee Shelford, Sales Engineering Manager and Cloud Lead APAC at Genetec.

real-time environmental monitoring. Expanded camera coverage provides visibility if someone needs help after dark, and strategic placement enables early detection of smoke or fire. Security Center SaaS supports different camera densities, monitoring priorities, and custom access privileges across locations from a single platform.

¹ https://www.genetec.com/binaries/content/assets/genetec/reports/report_en_state-of-physical-security-2026_web.pdf

² <https://www.gartner.com/en/information-technology/technology-adoption-roadmaps>

Gary Chen, Emerging Markets Head, Zyxel Networks comments:

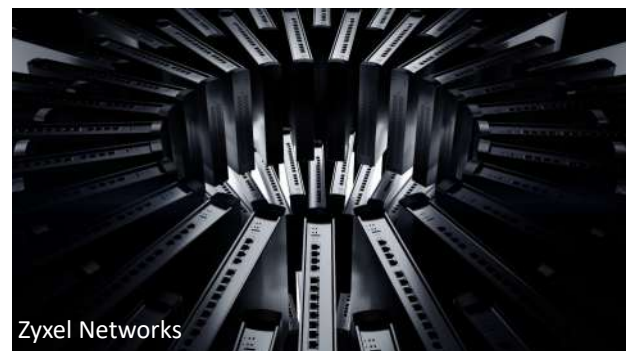
Buildings today are effectively data-driven environments. Surveillance, access control, and facility management systems are increasingly IP-connected and cloud-managed, so building security no longer stops at the physical perimeter. It now depends on the resilience of the network tying these systems together. A compromised network can mean tampered footage, unauthorized access, or disrupted operations, making the network itself a critical part of a building's overall security posture.



Gary Chen

At the same time, the nature of these threats is shifting. Cyberattacks aimed at connected environments are growing more advanced, frequently powered by automation and AI that increase both their scale and speed. For building operators, this shift means security can no longer rely on reactive measures alone; it calls for protection models that are proactive and driven by real-time intelligence.

With threats becoming more automated and adaptive, static, rule-based defenses are no longer sufficient on their own. AI-powered systems can continuously learn from new attack patterns and respond within seconds, a speed that matters when a single unpatched device, such as a networked camera or access panel, can become an entry point into the wider building network. For facilities spanning multiple floors or locations, this level of



responsiveness needs to extend across every connected site, not just a central office, which is where cloud-based management becomes essential rather than a convenience. Solutions such as USG FLEX H series firewalls reflect this direction, pairing AI-driven detection with centralized visibility to help protection stay consistent as a building's network grows.

Going forward, cybersecurity will increasingly be seen as a core layer of building infrastructure, operating alongside physical security systems to create environments that are safer and more resilient. As buildings grow smarter and more connected, security that is integrated and able to adapt continuously will be key to preserving both operational stability and trust.

“Going forward, cybersecurity will increasingly be seen as a core layer of building infrastructure, operating alongside physical security systems to create environments that are safer and more resilient.”

Gary Chen, Emerging Markets Head, Zyxel Networks

Identity-First Security: How Data Centers Are Redefining Building Protection

Steve Yoo, APAC Regional Director, Suprema comments:

Data centers around the world are quietly rewriting the rulebook for building security. Instead of relying on a patchwork of standalone devices, operators are moving toward intelligent, identity-first protection models that treat every person, credential, and access event as part of one continuous record. As AI workloads and cloud services push global capacity to new highs, facilities are under pressure to deploy security that is identity-aware, fully traceable, and seamless from the outer perimeter down to the server rack.

In this landscape, success no longer comes from bolting on more hardware. It comes from



Steve Yoo

orchestrating a unified, identity-centric ecosystem where every access event can answer four basic questions: who entered, what they touched, who else was nearby, and how the incident can be reconstructed after the fact. That expectation is reshaping procurement standards, turning fingerprint and facial authentication, integrated visitor management, and video-linked access logs from “nice-to-have features” to baseline specifications for new builds and high-security upgrades.

Suprema has positioned itself at the center of this shift, building layered, identity-led architectures that bring together multi-factor biometric authentication, intelligent access control, and audit trails under BioStar X integrated with video surveillance system. In an industry where a single physical security lapse can quickly turn into a contractual dispute or a reputational crisis, Suprema's capacity to deliver identity-assured, fully traceable protection across data centers and modern commercial buildings has become one of the clearest reasons the company is regarded as a global leader in access control and physical security.

“As AI workloads and cloud services push global capacity to new highs, facilities are under pressure to deploy security that is identity-aware, fully traceable, and seamless from the outer perimeter down to the server rack.”

Steve Yoo, APAC Regional Director, Suprema



Korea's major IT companies Gabia, Megazone, and Sejong Telecom have adopted BioStation 3 and BioStar 2 for their data centers. Photo: Suprema

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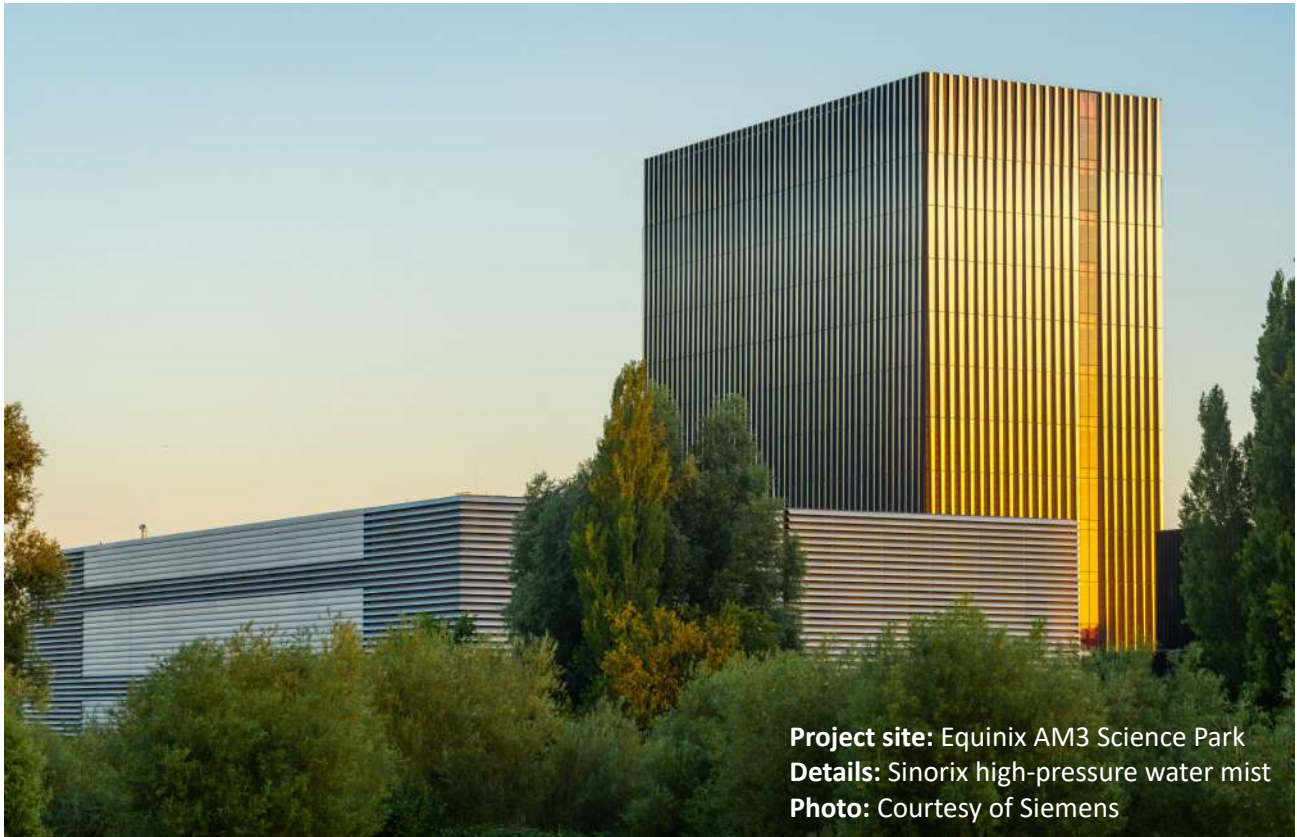
[Construction Indonesia & Concrete Show Southeast Asia](#)



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The Future of Fire Safety: Emerging Trends and Technologies

In this article, we explore the key advancements in fire safety technology and the future trends that will shape the industry.



Project site: Equinix AM3 Science Park
Details: Sinorix high-pressure water mist
Photo: Courtesy of Siemens

Putting Out A Fire In Time Is No Longer Enough.

Tang Siew Ching, Portfolio Manager – Fire Suppression (ASEAN), Siemens Smart Infrastructure Buildings comments:



Tang Siew Ching

As our built environment becomes increasingly connected and digital, the expectations placed on fire protection have evolved. Success is no longer measured solely by whether a fire is extinguished, but by how effectively we protect people, assets and operations. Today's fire protection systems must do more than suppress flames. They must minimize disruption, safeguard critical infrastructure and support business continuity.

Consider four common scenarios.

(1) In a data centre, how do we detect and suppress a fire while protecting mission-critical equipment and minimizing downtime?

(2) In a parking garage, how do we contain an electric vehicle battery fire before it spreads to neighbouring vehicles?

(3) In a highly automated factory, how do we suppress a localized fire without bringing an entire operation to a standstill?



Project site: Verne Global
Details: Sinorix high-pressure water mist
Image credit: Data Center Knowledge
Photo: Courtesy of Siemens

“Modern fire protection requires an integrated strategy that combines intelligent detection, reliable alarming, safe evacuation, targeted fire suppression and proactive maintenance to keep buildings protected and operational.”

Tang Siew Ching, Portfolio Manager – Fire Suppression (ASEAN), Siemens Smart Infrastructure Buildings

(4) In a high-traffic road tunnel, how do we control fire and smoke while maintaining visibility for safe execution?

These examples illustrate why a one-size-fits-all approach is no longer sufficient. Modern fire protection requires an integrated strategy that combines intelligent detection, reliable alarming, safe evacuation, targeted fire suppression and proactive maintenance to keep buildings protected and operational.

Innovation is advancing across fire detection and suppression technologies. Intelligent detection systems are improving the ability to distinguish genuine fire events from deceptive phenomena, reducing unwanted alarms and enabling earlier intervention. At the same time, water-based suppression solutions such as high-pressure water mist (HPWM) are providing a more targeted response. By generating microscopic water

droplets that absorb heat rapidly while using significantly less water than conventional sprinkler systems, HPWM helps reduce collateral damage, limit heat radiation and lower the risk of re-ignition. Together, these innovations are transforming how buildings detect, respond to and recover from fire incidents.

The future of fire safety extends beyond compliance with prescriptive codes and minimum regulatory requirements. It is increasingly defined by our ability to anticipate credible worst-case scenarios and build resilience into the environments we protect. Buildings today are more than physical structures – they are hubs of digital infrastructure, business operations and critical services. Creating built environments that are truly *Fire Safe for Life* means protecting not only lives, but also the critical assets and operations that communities and businesses depend on every day – and beyond.

Trends in Waterproofing Products, Technology And Methods

Where is the waterproofing industry heading towards? Here are some trends to watch.



Photo 1: Shiseido Forest Valley. Photo: Sika



Ron Chai, Sika Singapore, Vertical Market Manager (Infrastructure), Target Market Manager for Waterproofing and Roofing comments:

Sika's waterproofing strategy focuses on sustainable, high-performance solutions that support green building and reduce construction's environmental impact. Through Cradle-to-Gate Environmental Product Declarations (EPDs), Sika provides transparent, third-party verified life cycle assessment (LCA) data, including the embodied carbon of its waterproofing products. This information enables architects, consultants, developers, and asset owners to make informed material selections that support sustainability goals and green building certification schemes.

The development of new products and the continuous optimization of existing formulations



Photo 2: Shiseido Forest Valley (Construction Phase). Photo: Sika

Photos 1 & 2

Project: Shiseido Forest Valley (Jewel Changi Airport)

The Shiseido Forest Valley presents a dense, indoor forest environment with over 2,000 trees and palms and more than 100,000 shrubs across 21,000 square metres.

are key activities driving the next generation of Sika waterproofing technologies. Innovation efforts are focused on delivering more sustainable, high-performance solutions by reducing embodied carbon, lowering material consumption without compromising product performance, and enhancing long-term durability. These initiatives help extend service life, reduce maintenance requirements, and improve the overall lifecycle performance of waterproofing systems, creating greater value for both project owners and the environment.

Sika's Root-Resistant Waterproofing with Drainage System

Sikalastic®-680 RT GRS 2000, a liquid-applied, root-resistant waterproofing membrane was installed alongside SikaRoof® VersiCell® drainage cells within planter boxes lining terraces and walking trails. The membrane prevents root intrusion, protecting the waterproofing layer and underlying structure, while the drainage cells provide efficient water

“Through Cradle-to-Gate Environmental Product Declarations (EPDs), Sika provides transparent, third-party verified life cycle assessment (LCA) data, including the embodied carbon of its waterproofing products.”

Ron Chai, Sika Singapore, Vertical Market Manager (Infrastructure), Target Market Manager for Waterproofing and Roofing

management, improving soil aeration and maintaining optimal moisture levels for plant health. This system supports architects in designing for both lush aesthetics and engineering resilience, creating indoor green spaces that thrive over time without compromising structural performance.

Trends In Waterproofing: Delivering Long-Term Protection Through Integrated Solutions

Ms Angel Ng, Business Development Manager, Eastern Win Enterprises Pte Ltd comments:

As buildings become more sophisticated and owners place greater emphasis on lifecycle performance, the waterproofing industry has evolved beyond supplying individual products.

Today's successful waterproofing projects depend on providing complete system solutions that combine the right materials, sound design principles, and quality installation practices.

One of the most significant trends we see is the increasing demand for durable, sustainable, and low-maintenance waterproofing systems. Building owners and consultants are placing greater importance on products that can withstand harsh tropical weather, UV exposure, structural movement, and longer-term water immersion while reducing maintenance costs throughout the building's service life. This has accelerated the adoption of advanced technologies such as hybrid polymer membranes, high-performance cementitious waterproofing systems, polyurethane and polyurea coatings, and environmentally friendly low-VOC solutions.

Another growing trend is the shift towards project-specific waterproofing solutions rather than a one-size-fits-all approach. Different applications such as green roofs, podium decks, basements, wet areas, external walls, and expansion joints, require different waterproofing technologies. Selecting the correct system based on substrate conditions, exposure, movement, and service requirements is



Ms Angel Ng

"One of the most significant trends we see is the increasing demand for durable, sustainable, and low-maintenance waterproofing systems."

Ms Angel Ng, Business Development Manager, Eastern Win Enterprises Pte Ltd

critical to achieving the desired long-term performance.

Equally important is recognising that waterproofing success is not determined solely by the quality of the material. Proper drainage design, substrate preparation, detailing at critical junctions, compatibility between system components, and skilled installation all contribute significantly to the overall performance of the waterproofing system. Increasingly, manufacturers and solution providers are working closely with architects, consultants, contractors, and building owners from the design stage through project completion to minimise risks and ensure successful outcomes.

Looking ahead, the industry will continue to embrace innovations that improve installation efficiency, sustainability, quality assurance, product service life, and ease of maintenance. However, regardless of technological advancements, the fundamental objective remains unchanged: delivering reliable waterproofing systems that protect buildings, preserve asset value, and provide long-term peace of mind for building owners.

At our company, we believe that successful waterproofing is achieved by combining quality products with technical expertise, experience installers, and close collaboration with our project stakeholders. By understanding each project's unique challenges, we are able to recommend and deliver waterproofing solutions that perform reliably throughout the building's lifecycle.



Project: Costa Rhu at 1 Rhu Cross in Singapore

Project details: Pitched Clay roof tile waterproofing with Bostik A550 Boscoseal RC2 flexible acrylic waterproofing membrane (custom colour).

Photo: Eastern Win



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AUGUST 2026**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>

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>

**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>



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>



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>



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 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>



ASEAN Patio Pool Spa Expo 2026

10th-12th September 2026

MITEC
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>



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>



AVAI CHINA 2026

16th-18th September 2026

China Import and Export Fair Complex
Guangzhou, China

AVAI China 2026 is a leading professional platform for the refrigeration, air conditioning, ventilation, and cold chain technology sectors. With 16 successful editions to date, it has hosted over 2,500 exhibitors and welcomed 300,000 visitors, providing a comprehensive display of the complete industrial chain.

The 2026 edition will feature 30,000 square metres of exhibition space, with participation from more than 200 domestic and international associations and media partners. The fair covers industrial and commercial refrigeration, air conditioning and ventilation systems, spare parts and materials, building automation, and energy-saving technologies.

During the exhibition, 35,000 visitors and buyers from over 40 countries will engage with products and services related to AC, refrigeration, ventilation, freezing and cold storage, frozen food, hotels, hospitals, schools, and food processing enterprises.

<http://www.gz-avaexpo.com>

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>

NOVEMBER 2026



Safety & Security Asia 2026

10th-12th November 2026

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/>

**International ICW
Construction Week**

OFFICIAL TRADE EXHIBITION
**BUILD XPO
MALAYSIA**

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/>

**GLASSTECH ASIA
FENESTRATION ASIA**
10 – 12 Nov 2026 | Kuala Lumpur, Malaysia

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>



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>



Building & Decoration Expo Indonesia 2026 (BDE Expo Indonesia 2026)

25th-28th November 2026

Jakarta International Expo (JIExpo) Kemayoran
Jakarta, Indonesia

The 12th edition of BDE Expo Indonesia 2026 is a premier international B2B exhibition dedicated to the building materials, construction, architecture, interior design, and finishing industries. Scheduled to welcome 500+ exhibitors and 51,000 trade visitors, the exhibition serves as a strategic business platform connecting global manufacturers, suppliers, distributors, architects, interior designers, developers, contractors, consultants, and project owners with Indonesia's rapidly expanding construction and property sectors.

<https://bdeexpo.com>



FIND – Design Fair Asia 2026

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

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