

# ZERIN HABITAT

## Issue 75

WEEKLY UPDATES

## ESG IN REAL ESTATE



# Oryx Stainless Boosts Malaysia's Green Industry with Johor Facility

Oryx Stainless Group, a Netherlands-based recycled stainless steel supplier, has launched a 25,000m<sup>2</sup> processing plant in Johor, Malaysia — its fifth facility globally. The factory can process 150,000 tonnes of recycled stainless steel annually, reducing nearly one million tonnes of CO<sub>2</sub> emissions each year.

This project directly supports Malaysia's ambition to cut carbon intensity by 45% by 2030 and aligns with its broader target of attracting RM300 billion in green investments. The Johor plant primarily employs local workers, with plans to double its workforce by mid-2026.

Further strengthening its ESG impact, Oryx partners with local universities to prepare students for careers in the green technology sector. The Malaysian Investment Development Authority (MIDA) has endorsed the project for its innovative, sustainable, and high-skilled job creation potential.

Oryx CEO Tobias Kämmer affirmed Malaysia's strategic value in delivering low-carbon materials to Asia, pledging long-term collaboration, green growth, and sustainable industrial progress. [READ MORE](#)



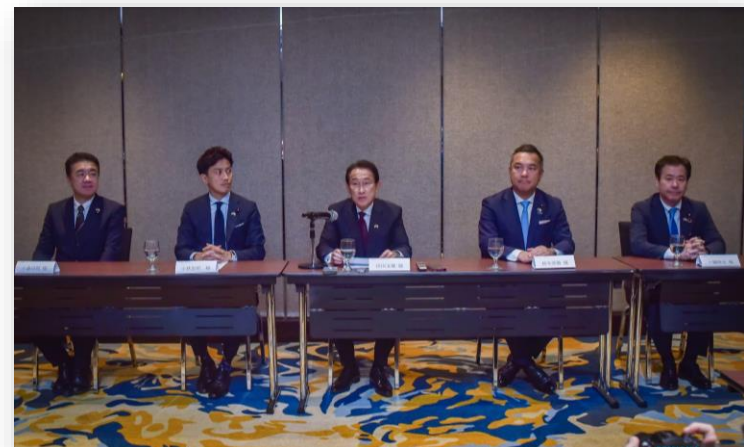
# Malaysia Strengthens Regional Clean Energy Ties Through AZEC Leadership

Japan views Malaysia as a vital partner in advancing clean energy in Southeast Asia, especially as Asean Chair and co-host of the Asia Zero Emissions Community (AZEC) ministerial meeting. Former Japanese Prime Minister Fumio Kishida highlighted Malaysia's leadership as timely, with numerous AZEC-backed decarbonisation projects already underway.

The Japan-led AZEC initiative, launched in 2022, focuses on regional collaboration, technology transfer, and public-private partnerships to promote decarbonisation while supporting sustainable economic growth. Key efforts include renewable energy, power transmission, and the Asean Power Grid.

Kishida reaffirmed Malaysia's role as a reliable partner in the energy transition, noting collaboration in carbon capture, ammonia, sustainable aviation fuel (SAF), and grid development.

During his visit, Kishida observed Southeast Asia's diverse decarbonisation needs and emphasised Japan's role in supporting them. He also underlined the importance of AZEC's parliamentary support in sustaining momentum, with plans to present formal recommendations to further accelerate clean energy progress in the region. [READ MORE](#)



# Hektar REIT Powers ESG Ambitions with Zero-Capex Solar Partnership

Hektar Real Estate Investment Trust (Hektar REIT) has partnered with Samaiden Group Bhd to install and operate rooftop solar PV systems at five shopping centres under a zero-capex model, requiring no upfront capital. This move supports clean energy adoption while enhancing operational efficiency.

The project is expected to yield RM41.3 million in energy cost savings over 20 years and cut carbon emissions by 98,640 tonnes. It may reduce annual electricity usage by up to 15%, reinforcing Hektar REIT's energy management strategy and climate alignment.

CEO Zainal Iskandar Ismail noted the initiative builds on Hektar's ongoing sustainability momentum, including a solar installation at its newly acquired Kolej Yayasan Saad Melaka. Similar initiatives are planned for future assets.

Samaiden, a renewable energy specialist, sees the partnership as a key step in accelerating Malaysia's energy transition. The collaboration reflects a shared commitment to ESG integration without financial barriers, aligning profitability with environmental stewardship. [READ MORE](#)



# Gas Malaysia and Malakoff Partner to Advance Solar Energy Goals

Malaysia has launched its first Mobile Hydrogen Refuelling Station (MHRS) in Putrajaya, marking a milestone in clean energy mobility. Backed by RM15 million, the MHRS is a pilot project capable of supplying 50kg of hydrogen daily, supporting the nation's zero carbon emission goal by 2050.

Led by the Ministry of Science, Technology and Innovation (Mosti), the project involves NanoMalaysia Berhad (NMB), Petronas Technology Ventures, Sime UMW, UMW Toyota Motor, and MGTC. NMB manages the station, while Petronas oversees hydrogen supply and engineering. UMW and Toyota support operations with hydrogen-powered vehicles and maintenance.

The MHRS serves as a testbed for emerging hydrogen and fuel cell technologies, and is intended to accelerate the development of infrastructure for future fuel cell electric vehicles (FCEVs).

Mosti and NMB envision the MHRS as a foundation for wider adoption of hydrogen technology, public education, and investment attraction, positioning Malaysia as a regional hub for clean mobility innovation. [READ MORE](#)



# HeiTech Padu Strengthens ESG Focus Through Capital Raise and Diversification

HeiTech Padu has proposed a one-for-four bonus share issuance, followed by a private placement to raise up to RM43.7 million. These initiatives aim to fund the RM892.2 million National Integrated Immigration System (NIISe) project, which HeiTech secured in October 2023. The bonus issue involves up to 27.84 million new shares, and the private placement, priced at RM1.57 per share, will issue the same number of shares after the bonus completion.

Approximately RM35 million from the proceeds will support NIISe development, while the remainder will go to working capital and corporate expenses. This follows a similar placement in July 2023 that raised RM18.9 million.

In parallel, HeiTech Padu is diversifying into renewable energy through ownership, operation, and maintenance of power plants, alongside EPCC services. Its first step is a RM1.04 billion hydroelectric project in Sungai Perak with Voith Hydro.

These strategic moves support long-term, sustainable growth and strengthen the group's ESG-driven direction. [READ MORE](#)



# Sabah Energy Launches Sustainable Finance Plan to Drive ESG Goals

Sabah Energy Corporation (SEC) held its inaugural ESG Forum at Menara SEC, uniting around 100 attendees from government, finance, and industry. With the theme \*‘‘From Intention to Impact,’’\* the event focused on driving ESG integration across Sabah’s energy and business landscape.

SEC CEO Datuk Adzmir Abd Rahman emphasized the importance of aligning energy solutions with environmental, economic, and social goals. He also announced the launch of an annual Corporate Charity Run to boost social impact. Chairman Datuk Annuar Ayub stressed that ESG principles are long-term business strategies, not just compliance tools.

SEC revealed it is developing a 12-week Sustainable Finance Framework to meet Sukuk requirements. Maybank Investment Bank has been appointed as the sole principal adviser, exclusive manager of SEC’s Sukuk Programme, and sustainability structuring adviser.

The forum included expert presentations and panel discussions, setting the stage for ongoing ESG leadership and practical outcomes in Sabah’s renewable energy and finance sectors. [READ MORE](#)



# Alliance Bank Report Highlights ESG Momentum Among Sarawak SMEs

Alliance Bank Malaysia has launched its inaugural \*Sarawak SME ESG Report\* to advance ESG adoption among Sarawak's small and medium-sized enterprises. Developed with support from the Sarawak government, InvestSarawak, Monash University, and UNGCMYB, the report was unveiled at the Hydrogen Economy Forum by Premier Datuk Patinggi Tan Sri Abang Johari.

The report aligns with Sarawak's Post COVID-19 Development Strategy 2030, emphasising the state's commitment to sustainability. Findings show that 66% of SMEs have started ESG integration, with many more planning adoption within two years.

Key drivers include growing pressure from consumers, suppliers, and investors. However, barriers such as limited resources and complex ESG frameworks remain. InvestSarawak and other partners are working to bridge these gaps through support and capacity building.

This collaborative initiative underlines the critical role of ESG in ensuring competitiveness, resilience, and inclusive growth for Sarawak's SME sector.

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# Gentari, TM Partner to Accelerate Clean Energy and ESG Goals

Gentari Renewables, a unit of Gentari, has signed Solar Power Purchase Agreements with Telekom Malaysia (TM) to power six of TM's key facilities. This strategic partnership with PETRONAS aims to accelerate TM's decarbonisation across Malaysia.

The solar systems—designed, installed, and operated by Gentari—will generate 4.3 MWp and produce 4.82 GWh annually, cutting around 3.65 million tonnes of CO<sub>2</sub> emissions. Notably, key TM operations in Iskandar Puteri, Cyberjaya, Mersing, and Melaka will benefit directly from these clean energy installations.

Aligned with TM's Net Zero 2050 goal, this initiative also supports Malaysia's green campus movement, with prior Gentari installations at UTP and INSTEP. It strengthens TM's transition to renewable energy while enhancing ESG credentials.

Gentari's Chief Renewables Officer sees the move as a milestone in expanding national clean energy capacity. With 8 GW already installed or underway across Asia-Pacific, Gentari positions itself as a key enabler in Malaysia's sustainable energy future. [READ MORE](#)



# Malaysia Leads Regional Push for Climate Action at COP30 Brazil

Malaysia will take a leading role at COP30 in Belém, Brazil, championing biodiversity, climate finance, and regional resilience. Building on momentum from COP29, Malaysia reaffirms its commitment to the Paris Agreement, despite contributing just 0.8% of global emissions.

At COP29, the country played a key role in shaping the US\ \$300 billion climate finance target and operationalising the Loss and Damage Fund. As Asean Chair in 2025, Malaysia also advanced the Asean Common Carbon Framework to foster coordinated low-carbon transitions.

Domestically, the government is finalising the National Climate Change Bill and preparing its third NDC revision. Malaysia is also rolling out the National Adaptation Plan (MyNAP), supported by the Green Climate Fund, to address climate vulnerabilities.

Looking ahead, Malaysia will lead Asean's Joint Statement at COP30 and launch Group Sea, a new regional bloc. It aims to operationalise its National Carbon Market Policy, attracting green investment and reinforcing ESG-driven growth.

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# SIRIM Targets 2,000 ESG Certifications to Accelerate Industry Readiness

SIRIM Berhad aims to certify 2,000 companies with ESG-related certifications by the end of 2025, strengthening Malaysia's industrial readiness for global standards. ESG certification will become mandatory by 2027, prompting SIRIM's push for early adoption. Since launching the initiative last year, 300 companies have already been certified.

Group CEO Datuk Dr Ahmad Sabirin Arshad said SIRIM targets 10,000 certifications by 2030. The agency is providing support through training, resource development, and frameworks such as SIRIM 55 and 56, along with carbon reporting initiatives.

Despite growing awareness, many SMEs remain unfamiliar with ESG standards. To bridge this gap, SIRIM will roll out educational content and case studies.

At the recent 'Living ESG: Aspiration to Action' forum, SIRIM launched a Blockchain Verification platform for quick and secure certification validation. This step enhances trust and transparency, aligning with the broader national sustainability agenda and promoting ESG integration across sectors. [READ MORE](#)



# Malaysia Launches Hydrogen Station to Drive Clean Mobility Forward

Malaysia has launched its first Mobile Hydrogen Refuelling Station (MHRS) in Putrajaya, marking a milestone in clean energy mobility. Backed by RM15 million, the MHRS is a pilot project capable of supplying 50kg of hydrogen daily, supporting the nation's zero carbon emission goal by 2050.

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# Carbon GPT Automates ESG Reporting While Empowering Sustainable Business Practices

Matthew Wong and Ivan Ling co-founded \*Carbon GPT\*, an AI-driven ESG software that simplifies sustainability reporting. Born from the inefficiencies of manual data collection, Carbon GPT automates emissions tracking, social and governance metrics, and report generation. It streamlines the entire ESG process—data input, estimation, analysis, and output—allowing companies to focus on strategy, not paperwork.

Used by both corporates and regulators like Bursa Malaysia, Carbon GPT integrates with Malaysia's CSI system to support mandatory ESG disclosure under the National Sustainability Reporting Framework. Its freemium model makes Scope 1 and 2 emissions reporting accessible, while premium options offer deeper personalisation.

Beyond automation, Carbon GPT provides educational tools for SMEs, addressing ESG knowledge gaps. AI models are optimised for efficiency, and system outputs stay closely tied to raw data to ensure accuracy. Workshops and training reinforce the platform's educational mission, combining tech and awareness to advance ESG adoption across industries. [READ MORE](#)

