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Issue 33

Asahi Kasei, Gentari, and JGC Team Up For Green Hydrogen Production In Malaysia

Gentari Hydrogen Sdn Bhd, a subsidiary of Petronas' clean energy arm Gentari Sdn Bhd, along with Japanese firms Asahi Kasei and JGC Holdings Corporation, has completed a detailed feasibility study for an 8,000-tonne per year green hydrogen production project.

The initiative, supported by Japan's NEDO, involves a 60 MW alkaline water electrolyser system. The parties signed an MOU for a front-end engineering design study, with preparations for the study set to begin in January 2024 and operations targeted for a 2027 startup.

The collaboration underscores a commitment to advancing green hydrogen markets in Japan, Malaysia, and Southeast Asia, aligning with decarbonization goals.

Asahi Kasei's experience and JGC's expertise complement Gentari's strategic vision for Malaysia's hydrogen economy. The project positions Malaysia as a regional hydrogen hub, contributing to the country's green hydrogen target of 200,000 tonnes per year by 2030. JGC, having expertise in clean ammonia production, brings valuable insights to the project. [READ MORE](#)



The logos for Gentari and am green are displayed on a purple rectangular background. The Gentari logo consists of a stylized white 'G' followed by the word 'gentari' in lowercase blue letters. The am green logo consists of the word 'am' in lowercase orange letters followed by 'green' in lowercase white letters with a small green leaf icon above the 'n'.

DPS inks JV with Mutiara Mahajuta to develop 190 acres of land in Melaka

Main market-listed DPS Resources Bhd, via subsidiary DPS Energy Sdn Bhd, has signed a joint venture agreement with Mutiara Mahajuta Sdn Bhd to potentially develop 190.09 acres of land in Alor Gajah, Melaka.

The collaboration focuses on a pioneering project spanning agro-tourism, crops, bio-farms, renewable energy, solar farms, and aquaponics. The land, designated for agriculture, aims to be a cornerstone of sustainable development.

DPS Resources will manage the project, with net profits allocated at a ratio of 65% for DPS Energy and 35% for Mutiara Mahajuta. DPS Resources, aiming to capitalize on its large land bank, has strategically expanded its portfolio post-pandemic, amassing over 1,000 acres. The company envisions a gross development value of around RM6 billion for these lands, emphasizing property development and sustainability initiatives.

The collaboration demonstrates commitment to sustainability, community development, and the national green energy market. The strategic location and environmental advantages make it suitable for a solar farm, contributing to environmental, social, and governance objectives.

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Johor launches 'Green Deal' framework to drive the state's sustainable development

The Johor government launched the Johor Green Deal and established the Johor Sustainability Centre (JSC) during the Asia-Pacific Climate Week in Johor. The Johor Green Deal covers five priority areas, including energy, transport, land use, low-carbon cities, and industry. It will be a primary reference and policy for green development.

The JSC, under Permodalan Darul Ta'zim, will advise the government on actions and projects related to green initiatives. It will facilitate project agreements, such as solar projects, and collaborate with academia and the private sector.

The summit witnessed 12 agreements signed between governments and the private sector, focusing on capacity building, green energy projects, sustainable financing, and more.

The Johor Green Deal aims to drive collaborations and aligns with Malaysia's goal of achieving net-zero carbon emissions by 2050. The emphasis on a "just transition" ensures inclusivity in sustainability initiatives, addressing challenges such as electricity access and affordability. [READ MORE](#)



ESG vital for construction industry as sector is catalyst for nation's development

Datuk Mohd Zaid Zakaria, CEO of the Construction Industry Development Board Malaysia (CIDB), emphasizes the critical role of implementing environmental, social, and governance (ESG) practices in the construction sector for national development.

The construction industry, with its significant multiplier effect, contributes around 6% to global GDP and is a substantial consumer of raw materials, responsible for 25% to 40% of worldwide carbon emissions. In Malaysia, the CIDB acknowledges the significance of sustainable construction, outlined in the National Construction Policy 2030 (NCP).

Despite challenges, such as perceived higher costs, sustainable construction promises long-term benefits and returns on investment. Collaboration, capacity-building, and continuous professional development are vital for the industry's transition to sustainability.

Initiatives like Net Energy Metering, the MyHIJAU program, and sustainable financing frameworks play a crucial role in advancing sustainable construction in Malaysia. Ongoing refinement of policies, guidelines, and incentives will create an enabling environment for sustainable construction in the country. [READ MORE](#)



TNB inks "green" energy pacts with Huawei Malaysia & RHB Bank

Tenaga Nasional Bhd (TNB) has signed memorandums of understanding (MOUs) with Huawei Malaysia and RHB Banking Group to expedite the transition towards sustainable energy.

The agreement with Huawei aims to unlock the potential of green energy solutions, leveraging digital transformation for sustainability and advanced communication technology. TNB's partnership with RHB focuses on accelerating the adoption of renewable energy (RE) and energy efficiency (EE) solutions among small and medium enterprises (SMEs) and individuals through green financing.

TNB will provide technical advice on EE and RE solutions, including supplying and installing solar photovoltaic (PV) systems to SMEs, particularly RHB's SME customers and TNB's clients and business partners. The collaboration addresses upfront costs, a significant barrier for SMEs and homeowners embracing rooftop solar and EE solutions.

RHB will offer advisory and financial support to facilitate the transition, aligning with TNB's Net Zero 2050 aspiration and Malaysia's carbon neutrality target. Engagement sessions with SMEs will be organized to introduce energy efficiency technology, renewable energy sources, and green financing products. [READ MORE](#)



Desa ParkCity bags sustainable development recognitions at Malaysia Urban Planning Awards 2023

Desa ParkCity has been honored with Malaysia's Most Outstanding Sustainable Township Award and the Green Development Award at the Malaysia Urban Planning Awards 2023 (MUPA 2023).

The awards, organized by PLANMalaysia, recognize developers who establish innovative and socially inclusive eco-friendly environments based on the MADANI urban concept's key pillars: sustainability, prosperity, innovation, respect, trust, and compassion.

ParkCity Group CEO Datuk Joseph Lau expressed that the recognition underscores ParkCity's commitment to sustainability ingrained in the brand DNA. Desa ParkCity is a self-contained urban township designed for holistic community living, showcasing ParkCity Group's dedication to building quality products and liveable communities. The awards affirm the group's vision and mission of crafting conscientious lifestyle developments that meet the holistic needs of residents.

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