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Padang & Co unveils the Southeast Asia Green Economy Landscape 2025 Report

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Padang & Co, a Singapore-basedÂ innovationÂ company, has released theÂSoutheast AsiaÂ Green Economy Landscape 2025Â report,Â mappingÂ 1,089Â startups, scale-ups and SMEsÂ across seven sectors shaping the regionâ??s emerging green economy.Â .Â Â

The report outlines the most urgent priorities for Singapore, Malaysia, Indonesia, Thailand, Vietnam, and the Philippines, spotlighting how the seven high impact sectors: Nature, Agriculture & Food;Â Energy Transition; Transportation & Logistics; Industrial Decarbonisation; Circular Economy & Waste; Built Environment; and Climate Markets & Enablers, are evolving and where innovation can move the needle fastest.Â

The study highlights that Southeast Asia has the technology solutions and what we require now is speed and scale. Startups and SMEs are creating the innovations our region needs, but fragmentation, slow adoption, and system bottlenecks are holding back progress.Â

A separate report earlier this year, â??jointly produced byÂBain & Company, GenZero, Google, Standard Chartered, and TemasekÂ projects that a full green transition across the region â?? involving bioeconomy, grid modernization, clean energy, EV ecosystems, etc. could unlock up to US$ 120 billion in economic value and generate ~900,000 jobs by 2030, if supported with continued investment.

The Padang & Co 2025 Landscape report is a practical tool to show where innovators can contribute immediately, where they can lead, and where collaboration must replace siloed efforts. Padang & Co calls on corporates, governments, investors, and

ecosystem partners to use these findings to back the companies building the regionâ??s green economy, remove barriers to deployment, and move from pilots to measurable impact.

Discussing the report, Adam A. Lyle, Executive Chairman of Padang & Co, said â??Southeast Asiaâ??s green economy cannot advance through innovation alone; we must build the systems, partnerships, and regulatory environments that allow solutions to scale. This report highlights where cross-sector collaboration can create the biggest gains, and how emerging companies, from startups to scale-ups, are essential to transforming ideas into deployment at speed.â?

As Southeast Asiaâ??s most advanced economy, Singapore leads the region in integrating green technologies into advanced manufacturing, industrial decarbonisation, carbon markets, anddigital innovation, setting the pace for scalable climate solutions.Â

Malaysia shows rising momentum in circularity and green industry, Indonesia is accelerating land-use and nature-based transformation, while Vietnam is rapidly driving industrial decarbonisation as it strengthens its role in global supply chains.Â

Some key insights include:Â

SingaporeÂ

Â·Â Â Â Â Â Â Â Â Â The report notes that Singapore is home to 494 green economy startups, 45% of all mapped startups in SEA-6. Singapore hosts over half of the regionâ??s Built Environment (55%) and Climate Markets & Enablers (53%) startups.

Â·Â Â Â Â Â Â Â Â Â Singaporeâ??s opportunity landscape is shaped by the need to enhance system flexibility, decarbonise emissions-intensive industrial clusters,Â and improve the efficiency of fast-growing digital infrastructure.Â

Â·Â Â Â Â Â Â Â Â Â The report identifies five key innovationÂ areasÂ for Singapore: 1) Distributed Energy Resources, Virtual Power Plants, and demand response; 2) Jurong Island industrial and petrochemical decarbonisation; 3) Grid-interactive, low-carbon and high-density data centres; 4) Clean energy imports, regional grid interconnection, and vPPA enablement; 5) Maritime and aviation decarbonisation and biofuel feedstock innovation.

Â·Â Â Â Â Â Â Â Â Â Limited land for renewables, rising data centre cooling loads, and the high concentration of industrial emissions on Jurong Island create strong demand for smarter orchestration tools, low-carbon imports, and resource-efficient technologies.

Additional findings on other countries :

The report was developed through a comprehensiveÂ analysisÂ of startup and SME activity, regional policy and funding trends, and leading institutional reports from across the region.Â

Derrick Chiang, CEO of Padang & Co, added, â??Our mission has always been to bring people and organisations together to drive innovation with purpose. The report shows that the strongest opportunities emerge when corporations, governments, and entrepreneurs work side by side. We hope this report serves as a practical guide for building collaborations that deliver measurable impact and long-term economic resilience for Southeast Asia.â?

As Southeast Asia navigates rising climate risk, rapid urbanisation, and increasing energy demand, the Green Economy Landscape 2025 provides a roadmap for enabling cross-sector collaboration, convening partners, and supporting climate-tech solutions that strengthen the regionâ??s transition toward a regenerative, low-carbon, and green economy.