

# ASIA'S RACE TOWARDS 2030: ALL SYSTEMS GO

POST-CONFERENCE  
REPORT



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# ABOUT ECOSPERITY

Sustainability is at the core of everything we do at Temasek, and Ecosperity is our key platform for sustainability engagement and advocacy. The word ‘Ecosperity’ twins ecology with prosperity, reflecting our belief that doing good and doing well can – and must – go together.

We work with global leaders from the private and public sectors, academia and civil society to exchange views, share best practices and push the agenda on sustainable development.

Ecosperity Week is our annual flagship sustainability event held in Singapore. This year’s theme, “Asia’s Race towards 2030: All Systems Go” focused on accelerating Asia’s green transition through systems-level solutions in finance, policy and technology. Ecosperity Week also features other thematically aligned events by like-minded partners. These breakout sessions may take the form of panels, roundtables, workshops and pitch sessions, and provide opportunities for more in-depth dialogue and networking.

# FOREWORD

Kyung-Ah Park  
Chief Sustainability Officer, Temasek



## ALL SYSTEMS GO!

The world is facing a pivotal moment. We are just five years away from the 2030 milestone to bend the carbon trajectory to avoid the worst consequences of climate change. In Asia, the need for action has never been more urgent. The region plays an outsized role in every sense – in its contribution to climate change, in the impact that its population endures, and in the critical role it will have in deploying solutions.

Yet this sense of urgency is set against an ever more complicated global backdrop. Geopolitical and macro-economic challenges are proliferating. Multilateralism and global trade flows, taken for granted for so long, have now been thrown into question, making carbon mitigation increasingly costly.

Maintaining the momentum on Asia's collective fight against climate change must involve viable pathways that balance energy security and affordability with sustainability. Despite the growing challenges, Asia has a unique opportunity to step up its leadership and bring stakeholders together to shape a greener pathway forward for the region.

In this context, this year's Ecosperity Week underscored the economic opportunity as well as the tangible progress and commitments being made in Asia.

Our partners, speakers and delegates shared a determination to accelerate the region's transition – and a strong sense of optimism that today's hurdles can be overcome. The discussions emphasised the importance of regional collaboration and broader market linkages – despite shifting political priorities and increasingly challenging multilateralism, there is still opportunity for broader collaboration between and within regions that bring complementary capabilities and resources.

Speakers also presented realistic solutions to twin decarbonisation with economic growth and market opportunities. The importance of bringing climate technology into the mainstream by taking a value-chain approach was a central theme, with attention focused on near-term wins given the urgency of the action that is needed.

I heard discussions of systems-wide approaches to our transition that are pragmatic yet ambitious, not only scaling the green but also accelerating the industrial shift from brown to green. I was encouraged by examples of public and private sector leaders rethinking their approach to adaptation and resilience. Most important of all was the focus on enabling climate financing at scale, by right-sizing the risk-reward equation and harnessing all key levers, including blended finance and carbon markets, to unlock essential private capital.



The announcements at this year's Ecosperity Week show that our sense of optimism is well-founded. There were more than ten concrete and actionable announcements and 28 partner events, including:



- A sustainable aviation fuel initiative to catalyse demand, spearheaded by the World Economic Forum and GenZero;
- A commitment to introducing product-specific emissions data here in Singapore with the signing of a landmark MoU – a world-first – between the World Business Council for Sustainable Development (WBCSD) and the Singapore Business Federation in adopting Version 3 of the PACT standard;
- The launch of the GCBC Accelerator by the Global Capacity Building Coalition (GCBC), led by Mary Schapiro, providing support for the scaling of high-impact capacity-building projects that mobilise sustainable finance in emerging markets and developing economies (EMDEs);
- The endorsement by standard-setter Verra of a new methodology to guide the early retirement of coal-fired power plants and their replacement with renewable energy, alongside news of progress on a pilot project for transition credits in the Philippines with partners including ACEN, GenZero, Keppel and Mitsubishi;
- The opening of an office by the Financing Asia's Transition Partnership (FAST-P), a blended finance initiative that is looking to deploy up to US\$500 million of concessional capital from the Singapore government to unlock funding from private investors by de-risking projects.

Initiatives like these are why we are confident that Asia can rise to the challenge and play a leading part in global climate action.

The potential rewards are immense. Meaningful actions to develop a sustainable bioeconomy, integrate regional power grids and expand the electric vehicle ecosystem could add US\$120 billion to Southeast Asia's GDP, create more than 900,000 jobs and reduce carbon emissions by 300 million metric tons by 2030, according to the Southeast Asia Green Economy 2025 Report<sup>1</sup>, unveiled at Ecosperity Week.

Staying the course will not be easy, especially in today's increasingly protectionist and fragmented world, but I'm deeply encouraged by the strong 4,000-plus turnout at Ecosperity this year and the record number of partners joining us from around the world. I'd like to thank all our Headline Sponsors, partners and attendees who participated and contributed to the meaningful discussions.

Now it's up to us to turn these insights into collective action. Platforms like Ecosperity Week remind us that our future – and the future of all those who will come after us – depends on us acting together. Only by doing so will we be able to meet the challenge and capture the opportunity.

**Kyung-Ah Park**  
Chief Sustainability Officer, Temasek


AT A GLANCE  
PHOTO HIGHLIGHTS





# AT A GLANCE

## IMPACT

 Watch the highlights video

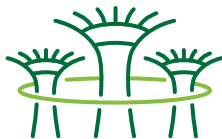
Left to right: Rachel Kyte, Special Representative for Climate, United Kingdom and Simon Stiell, Executive Secretary, United Nations Framework Convention on Climate Change (UNFCCC)



### DELEGATES IN ATTENDANCE



**3 in 4**  
delegates were C-Suite or Senior Management



**1 in 3**  
delegates travelled to Singapore for the event



**650**  
private companies represented



**21**  
impact-oriented presentations at the Ecosperity Action Hub

### SOCIAL MEDIA IMPACT



**641**  
delegates used the networking platform



**26,000+**  
unique website visitors over a 7-week campaign period



**52%**  
increase in followers on LinkedIn



**1,200**  
total livestream audience over two conference days

# KEY TAKEAWAYS

## 1. REAFFIRMING COMMITMENT

Public and private sector leaders underlined their determination to take action on the climate crisis. Many of the 4,000-plus delegates at this year's Ecosperity Week events reported a strong sense of optimism that the climate agenda remains intact at a time of global uncertainty.



What once felt impossible is becoming inevitable because the solutions are simply better, cheaper and more resilient than the status quo."

Mary Schapiro, Vice Chair, GFANZ

## 2. TIME FOR ASIA TO LEAD

Asia Pacific leads the world in energy transition investments with total spending reaching US\$1 trillion in 2024<sup>2</sup>, accounting for half the global total. At a time when major Western economies are pulling back, conversations at Ecosperity Week highlighted Asia's opportunity to provide international leadership.



We have seen what's possible with the quadrupling of renewable capacity in the Asian region in just a decade and at nearly twice the rate of other regions. It's vital now that all countries are capable of sharing equitably in the vast benefits of the transition: stronger economic growth, more jobs, better health, more secure and affordable clean energy."

Simon Stiell, Executive Secretary, United Nations Framework Convention on Climate Change (UNFCCC)

## 3. FOCUS ON NEAR-TERM OPPORTUNITIES

Commercial considerations are the key driver for the private sector, but there is a tendency to focus too much on the risks. The breadth of investment opportunities in the transition was a recurring theme throughout the financing stream, co-organised with BlackRock and the Monetary Authority of Singapore. The message is clear: investments in mitigation, adaptation and resilience add real value for businesses and for society.



Let us remember that climate action is not a burden to bear – it is a legacy to build."

Nik Nazmi Nik Ahmad, Minister of Natural Resources and Environmental Sustainability, Government of Malaysia

## 4. COLLABORATION AND CONNECTIVITY REMAIN ESSENTIAL

Mobilising capital and scaling climate technologies requires cooperation between multiple parties, across sectors, and across borders. Ecosperity Week 2025 showcased efforts to connect national power grids across Southeast Asia, accelerate blended finance and harmonise carbon market standards – among many other workstreams.



It's so refreshing to be in a forum where everyone is talking about real solutions and coming together to bring to life public-private and ecosystem partnerships."

Tan Su Shan, CEO, DBS Group



# PLENARY SESSIONS

## AN ILLUSTRATED ACCOUNT

### ASIA'S RACE TOWARDS 2030 ALL SYSTEMS GO

ecosperity  
week 2025  
5-8 MAY 2025 | SINGAPORE

**DAY 1**

**KEYNOTE**  
THERE IS NO ONE-SIZE-FITS-ALL SOLUTION TO ASIA'S NET ZERO JOURNEY  
WHAT ARE THE STRATEGIC ACTIONS THAT WILL FOSTER SYSTEMIC CHANGE?  
GOVERNMENTS ARE UNDER PRESSURE TO ADDRESS MORE IMMEDIATE CONCERNS...  
NATURE SETS THE PACE... NOT US!  
ASIA IS WHERE THE CLIMATE BATTLE IS WON OR LOST!  
AREAS FOR DEEPER COLLABORATION  
ASEAN POWER GRID  
CLOSE THE FINANCING GAP  
NATURE-UNITED CAPITAL MARKETS

**ADDRESS**  
THE UK AS A PRAGMATIC PARTNER  
TO ASIA'S ENERGY TRANSITION  
FAIRNESS: WE MUST HELP PEOPLE THRIVE AS WE BUILD A CLEANER WORLD

**REPORT LAUNCH**  
NOW IS THE TIME TO THINK DIFFERENTLY  
2030  
27th ANNUAL GROWTH (USD120B / YR)  
900K+ IN GREEN TECHNOLOGY JOBS  
50% IN INVESTING CAP

**TECHNOLOGIES FOR TODAY & TOMORROW**  
ASEAN POWER GRID  
WE HAVE THE OPPORTUNITY TO LEAPFROG TO GREEN ENERGY SOLUTIONS AS WE DOUBLE ASIA'S ENERGY SYSTEMS!  
SOFTWARE  
TRANSMISSION  
GENERATION  
TECH  
FINANCING  
POLICY  
ADDRESSING THE CHALLENGES OF FINANCING SOLUTIONS!

**FREE FROM FOSSIL WITHOUT PULLING THE PLUG**  
NO TRANSITION WITHOUT TRANSMISSION  
BALANCING AN URGENT NEED FOR GREEN INVESTMENT IN A VOLATILE WORLD  
CHINA & INDIA  
OPTIMISTIC FINANCING  
SELF-CONTAINED  
A LARGE ENERGY MARKET IN EMERGING  
SEA  
FINANCING  
POLICY  
ADDRESSING THE CHALLENGES OF FINANCING SOLUTIONS!

**DAY 2** Financing Asia's Transition  
**FAST**  
7 MAY 2025 | SINGAPORE  
WE ARE MEETING AT A CRITICAL TIME  
IT'S VITAL TO BRING TOGETHER LEADERS TO DISCUSS COMPREHENSIVE CLIMATE SOLUTIONS  
FINANCING ASIA'S ENERGY TRANSITION  
DEVELOPMENT OF ASIA'S ENERGY TRANSITION  
ADVANCING ASIA'S RESILIENCE  
2050  
NET ZERO GOAL  
FINANCING ASIA'S ENERGY TRANSITION  
DEVELOPMENT OF ASIA'S ENERGY TRANSITION  
ADVANCING ASIA'S RESILIENCE

**SPECIAL ADDRESS**  
HISTORY IS WRITTEN BY OPTIMISTS!  
WE MUST TRANSITION WHILE SAFEGUARDING LIVELIHOODS WHILE NAVIGATING THE GEOPOLITICAL CHALLENGES OF OUR TIME.  
WE MUST TRANSITION WHILE SAFEGUARDING LIVELIHOODS WHILE NAVIGATING THE GEOPOLITICAL CHALLENGES OF OUR TIME.  
WE MUST TRANSITION WHILE SAFEGUARDING LIVELIHOODS WHILE NAVIGATING THE GEOPOLITICAL CHALLENGES OF OUR TIME.

**ADVANCING THE TRANSITION THROUGH THE SPECTRUM OF CAPITAL**  
BLENDED FINANCE IS A GREAT TOOL WITH THE RIGHT DATA & TRANSPARENCY  
WE MUST DEVELOP A CONSISTENT LEGAL & REGULATORY FRAMEWORKS THAT PROMOTE TRANSPARENCY!  
WORKING PARTNERS  
FINDING THE RIGHT PROJECT FOR COLLABORATION  
ASEAN POWER GRID

**INFRASTRUCTURE FINANCING**  
MEGA  
THE RISE IN AI AND DIGITAL  
THE LOW CARBON TRANSITION  
INFRASTRUCTURE  
ELECTRIFICATION  
CLEAN FUELS  
SUSTAINABLE INFRASTRUCTURE  
DECARBONISATION PARTNERSHIPS

**ADDRESS**  
SINGAPORE & ASIA ARE THE DRIVING FORCE FOR THE DECARBONISATION OF THE GLOBAL ECONOMY  
TURNING CLIMATE NECESSITIES INTO COMMERCIAL OPPORTUNITIES  
LAUNCHING THE GCBC ACCELERATOR  
PROMOTING INVESTMENT OPPORTUNITIES  
DEVELOPING FINANCIAL PRODUCTS

**SOLUTIONS SHOWCASE**  
ANTORA ENERGY  
DECARBONISING INDUSTRY WITH ZERO-EMISSION THERMAL BATTERIES  
MIROVA  
BLENDED FINANCE THAT FOCUSES ON IMPACTFUL CLIMATE SOLUTIONS

**SPECIAL ADDRESS**  
THIS IS THE DECADE OF DELIVERY  
ASIA MUST LEAD  
NATIONAL ADAPTATION PLANS  
TRANSITION TO A RESILIENT ASIA  
FAIR & RESILIENT  
THE SYSTEMS ARE IN PLACE BUT WE NEED FINANCE IN SCALE  
CARBON PRICING TO CUT EMISSIONS  
CARBON CREDITS WILL BE KEY TO FINANCING SOLUTIONS!

**SCALING ASIA'S RENEWABLES**  
THE JAPANESE STRATEGIC ENERGY PLAN IS A BALANCED APPROACH...  
MAKING THE MOST OF ASIA'S GREEN ENERGY  
WE MUST TAKE A HOLISTIC APPROACH TO ASIA'S ENERGY TRANSITION

**CHINA'S LITHIUM BATTERY INDUSTRY**  
EV  
TECHNOLOGICAL INNOVATION IS THE KEY TO ASIA'S ENERGY TRANSITION  
COLLABORATION IS THE KEY TO ASIA'S ENERGY TRANSITION

**BUILDING RESILIENCE FOR A NEW WORLD**  
228.27 GW TOTAL NON-FOSSIL CAPACITY  
RESILIENCE IS HYPERLOCAL  
INCREASED DROUGHTS & FLOODS  
RESILIENCE FOR POWER GRID  
SUPPLY CHAINS, WATER-FOOD ENERGY NEXUS, AND LIVES & LIVELIHOODS  
UNCHECKED WATER CRISIS WILL ENDANGER ALL SUSTAINABLE DEVELOPMENT GOALS

**THE CASE FOR WATER RESILIENCE**  
SUMMER 2024 WAS THE HOTTEST IN 100 YEARS  
THE MOST OVERLOOKED WATER-RISK IN URBAN PLANNING IS A LACK OF SYSTEMS PERSPECTIVE  
SAFEGUARDING OUR COASTLINES  
GLOBAL SEA LEVEL RISE 3.5 MM PER YR  
FLOOD DEVELOPMENT & VISUALISATION ASSESSMENT  
POLITICAL & FINANCIAL CONTRACTS  
CLIMATE INVESTMENT TO IMPROVE COASTAL INFRASTRUCTURE

**SOLUTIONS SHOWCASE**  
HARNESSING AMMONIA AS A ZERO-CARBON FUEL!  
SUSTAINABLE AGRICULTURE SOLUTIONS FOR SMALL SCALE INDIAN FARMERS!  
THE BUSINESS CASE FOR CARBON MARKETS IN ASIA  
CARBON MARKETS SHOULD BE PART OF THE DECARBONISATION TOOLKIT!  
ASIA HAS THE OPPORTUNITY TO GET IT RIGHT!  
WE REQUIRE ALL TYPES OF CARBON MARKET ADAPTATIONS!  
THE GREENHOUSE GAS IS THE LEVER!

**FINANCING IN ACTION**  
IN THE CLIMATE EMERGENCY, SINGAPORE IS VITAL AS A HUB FOR BRING TOGETHER...  
MONEY  
TECHNOLOGY  
EXPERTISE  
WINDSETS HAVE NOT KEPT PACE WITH FINANCIAL & TECHNOLOGICAL INNOVATIONS  
70% - 80% OF THE SOLUTIONS WE REQUIRE ALREADY EXIST!  
WE NEED TO:  
RISE CAPACITY & UNDERSTANDING BETWEEN FINANCE & COMPANIES  
ENSURE THE STANDARD SETTERS WORK WITH REGIONAL CONTEXT

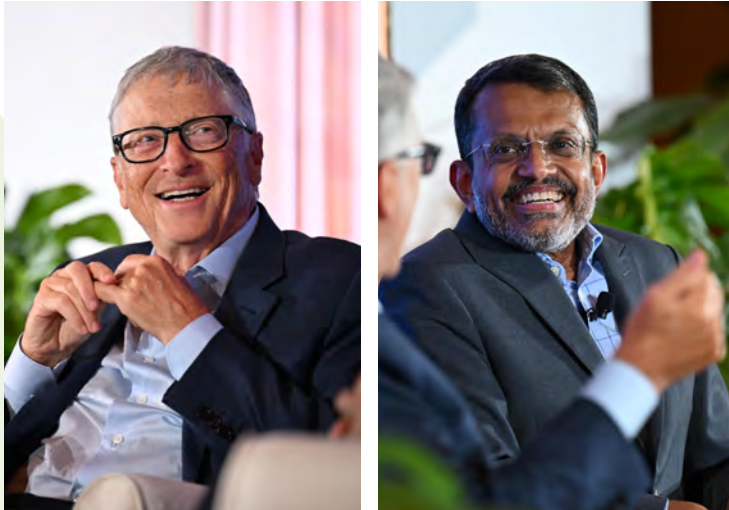
**INVESTING IN CLIMATE ADAPTATION & RESILIENCE**  
THE MARKET FOR CLIMATE RESILIENCE & ADAPTATION SOLUTIONS IS GROWING & IS INVESTIBLE TODAY!  
WIDE UNIVERSE OF SOLUTION FAMILIES ACROSS IMPACT THEMES  
INVESTMENT OPPORTUNITIES ACROSS PUBLIC & PRIVATE STRATEGIES

**CLOSING REMARKS**  
ACKNOWLEDGING the SUCCESSES of the LAST 10 YEARS  
FROM 4th 27c TO NEGOTIATING THE PARIS AGREEMENT  
NEXT: HOW DO WE REDEFINE THE TRANSITION?  
HOW ARE WE TRACKING & MONITORING PROGRESS?  
HOW DO WE ENSURE WHAT WE DESERVE?  
FINANCING  
THE CLIMATE-RESILIENT SOLUTIONS  
A HIGH-LEVEL POLITICAL DIALOGUE  
A COMMON PLATFORM FOR REGULATORY FRAMEWORKS



# ECOSPERITY WEEK 2025 OPENING DINNER

Bill Gates, Chair, Gates Foundation, and Founder, Breakthrough Energy and TerraPower, and Ravi Menon, Singapore's Ambassador for Climate Action, on stage at the opening dinner of Ecosperity Week 2025.



## HOW INNOVATION CAN TURN THE TIDE FOR CLIMATE TRANSITION

Bill Gates, Chair of the Gates Foundation and Founder, Breakthrough Energy and TerraPower, and Ravi Menon, Singapore's Ambassador for Climate Action, set the tone for Ecosperity Week 2025 with an in-depth discussion of the role of innovation in Asia's climate response.

"Being here in Singapore, it's fantastic," said Gates, who is also the founder of Breakthrough Energy, praising Singapore's pragmatic approach and determination in the face of climate challenges. "Singapore is going to be a great partner to help solve these problems."

The fireside chat during a dinner reception on the first day of Ecosperity Week ranged from innovations in crop resilience and the promise of fusion energy to the ongoing hurdles in decarbonising aviation and heavy industry. While subsidies can kickstart innovation, the two speakers agreed that scalable green technologies must beat fossil fuels on cost.

Menon noted that Asia's energy transition continues to face infrastructure challenges, with renewable costs falling but grid connectivity still lacking. "Where the sun shines and the wind blows are not where the demand is," said Menon, adding that Singapore is advocating for an interconnected ASEAN power grid to enable easier cross-border transmission of renewable energy.

Asia's importance was a central theme. The region contributes half of global emissions and is expected to drive 90% of energy demand growth by 2050<sup>3</sup>. It is also highly vulnerable to heat stress, floods, and droughts.

## HUMAN INGENUITY WILL PREVAIL

Decarbonising heavy industry and long-distance transport, especially aviation, remains difficult. Carbon capture, green hydrogen, and biofuels are seen as critical components to the transition, and promising technologies are emerging — from geothermal energy to hydrogen-based steelmaking using geological hydrogen. "Rich countries owe it to the rest of the world to actually get to zero," Gates said. "We don't have to get to absolute zero, but rich countries must show that across all these different processes, there are solutions."

At Ecosperity Week last year, Breakthrough Energy, Temasek and Enterprise Singapore established Breakthrough Energy Fellows – Southeast Asia, the first regional hub in Breakthrough Energy's signature global Fellows programme, to nurture climate-tech innovators and drive commercialisation of technologies tailored to the region's unique challenges.

Asia can achieve both its growth and sustainability ambitions – even amid geopolitical fragmentation and rising energy demand through cross border collaboration, investment in innovative technologies and mobilising public, private and philanthropic capital. "Human ingenuity, which will be aided by AI, I think will surprise us and give us good solutions," said Gates.

## THEME 1 ENERGY TRANSITION



We have just under five years to avert the worst effects of climate change. And with the continent accounting for half of global emissions, the battle for net zero will either be won, or lost, in Asia.”

Lim Boon Heng  
Chairman, Temasek Holdings



Wind and solar energy capacity added in China in 2024, a record<sup>4</sup>

**+357GW**



Increase in solar power capacity in India over the past decade<sup>5</sup>

**+3,450%**





## COLLABORATION IS KEY TO MAINTAINING PROGRESS

### KEY HIGHLIGHTS

- Policymakers and business leaders remain committed to climate action despite an uncertain global backdrop.
- Asia is leading the way for energy transition investments globally. In Southeast Asia, Singapore is pushing to improve connectivity and bring down barriers to progress.
- The tools and technologies needed to accelerate Asia's energy transition are already in place. The focus must now be on scale.

### Climate leaders reaffirm commitment to system-level changes and coordinated action to accelerate decarbonisation in Asia

As the source of more than half of the world's carbon dioxide emissions and home to a rapidly growing population, Asia faces the urgent challenge of substantively cutting its carbon footprint while meeting growing energy demand. This makes the region integral to solving the global climate crisis, but it also highlights the need for pragmatic solutions that can deliver rapid results.

At Ecosperity Week, held in Singapore on 5-8 May 2025, global CEOs, policymakers, financiers, philanthropists and thought leaders from some 40 countries reaffirmed their commitment to decarbonise Asia and highlighted a growing focus on the systems-level changes needed to accelerate progress.

"We have just under five years to avert the worst effects of climate change. And with the continent accounting for half of global emissions, the battle for net zero will either be won, or lost, in Asia," said Temasek Holdings Chairman Lim Boon Heng, echoing the theme of the conference – **Asia's Race Towards 2030: All Systems Go**. The path to a sustainable, decarbonised future for the region is no longer a question of "if" but of "how".

Top: Lim Boon Heng, Chairman, Temasek Holdings  
Bottom: Tan Su Shan, CEO, DBS Group



Dale Hardcastle, Partner and Director, Global Sustainability  
Innovation Center, Bain & Company, and Franziska Zimmermann,  
Managing Director, Sustainability, Temasek



In a special address, Nik Nazmi Nik Ahmad, Malaysia's Minister of Natural Resources and Environmental Stability, positioned the green transition not as a cost, but as an economic imperative that will deliver scalable, clean energy for the region.

"History, I believe, is written by optimists," he said. "Even if we do submit to the idea that we are living in unprecedented times, when it comes to climate change, the challenges before us in ASEAN remain, namely the need to protect our vulnerable, dense populations and coastal cities, as well as to reimagine our economies, energy systems, and regional cooperation."

In many respects, Asia is showing the world the way forward. Bright spots include China, which is leading the way on climate technology and financing, while India is fast ramping up its renewable energy capacity. Temasek Holdings Chairman Lim pointed out that China is by far the world's largest investor in renewable energy, having added a record 357 gigawatts<sup>6</sup> of wind and solar capacity in 2024. India, meanwhile, saw a 20%<sup>7</sup> jump in electric vehicle sales last year, while its solar power capacity has surpassed 100 gigawatts<sup>8</sup> – an extraordinary increase of 3,450% in capacity from a decade ago.

According to latest reports by the Centre for Research in Energy and Clean Air (CREA), the growth in clean power generation has allowed China to reduce its carbon dioxide

emissions at the same time as meeting rapid growth in power demand. The new CREA analysis for Carbon Brief shows that China's emissions were down 1.6% year-on-year in the first quarter of 2025 and by 1% in the latest 12 months<sup>9</sup>.

Asia Pacific also leads in energy transition investments, accounting for about 50% of global investment in 2024<sup>10</sup>, according to Riccardo Puliti, Regional Vice President for Asia Pacific, International Finance Corporation. Singapore is leading a global push to enhance the quality of emissions-related data, as the first nation to adopt the Partnership for Carbon Transparency (PACT) methodology developed by the World Business Council for Sustainable Development (WBCSD) in its national emissions registry. An MOU signed by the Singapore Business Federation and the WBCSD during Ecosperity Week aims to provide precise, product-level carbon data to accelerate emission reduction goals across supply chains.

"Climate change transcends borders and so should the solutions," said Franziska Zimmermann, Managing Director, Sustainability, Temasek. "Southeast Asia can move further and faster, together with our regional partners. We need to think[about the] broader APAC region to connect capital, technology and ideas."



Teo Chee Hean, Senior Minister and Coordinating Minister for National Security, Republic of Singapore



**By connecting national grids, we can trade renewable energy across borders. This will cut fossil fuel reliance and also, importantly, strengthen regional energy resilience at a time when world markets are prone to gyrations.”**

**Teo Chee Hean**  
Senior Minister and Coordinating Minister for National Security,  
Republic of Singapore\*

## SYSTEM LEVERS IN PLACE

Regional connectivity can be a powerful catalyst. In a keynote address, Teo Chee Hean, Senior Minister and Coordinating Minister for National Security, Republic of Singapore, noted that Southeast Asia’s infrastructure deficit was holding the region back from its immense renewable potential. “The uptake remains limited, because poor grid connectivity prevents clean energy from reaching where it is needed most,” he said.

The ASEAN Power Grid initiative, aimed at integrating the power infrastructure of different countries within ASEAN, can be a key unlock. “By connecting national grids, we can trade renewable energy across borders. This will cut fossil fuel reliance and also, importantly, strengthen regional energy resilience at a time when world markets are prone to gyrations,” said Senior Minister Teo.

Another urgent task is to start aligning strategies for growth, energy security and climate impact. The Southeast Asia Green Economy 2025 Report, unveiled at Ecosperity Week and jointly published by Bain & Company, GenZero, Google, Standard Chartered and Temasek, identified three interconnected solutions and system levers that could accelerate progress on the region’s energy transition. The creation of a sustainable bioeconomy that harnesses local biomass and nature-based solutions; next-gen grid development focusing on the integration of renewable infrastructure, energy security and affordability; and the build-out of a regional electric vehicle (EV) ecosystem could yield a 2% GDP boost, create more than 900,000 jobs and reduce carbon emissions by 300 Mt by 2030<sup>11</sup>.

Ecosperity Week 2025 also highlighted a number of initiatives to drive meaningful progress on these levers, including a new campaign to boost demand for sustainable aviation fuels (SAF) in Asia Pacific. Green Fuel Forward, launched by the World Economic Forum in collaboration with GenZero, aims to build understanding of SAF among airlines, logistics providers, and corporates operating in Asia Pacific, ultimately contributing to scaling up production facilities in the region. Fifteen organisations have signed up, including Temasek, Air New Zealand, Boeing, Qantas and Singapore Airlines.

\* Teo Chee Hean will join the board of Temasek Holdings as deputy chairman on July 1, before taking over from Lim Boon Heng as chairman in October.

Left to right:

Dilhan Pillay Sandrasegara, Executive Director & CEO, Temasek; Rodi Guidero, Executive Director, Breakthrough Energy;  
Rushad Nanavatty, Managing Director, Third Derivative; Sue-Ern Tan, Head, International Energy Agency and Regional Cooperation Centre



**New clean technologies tend to require significant capital and have higher cost curves, and this makes them hard to adopt and scale instantly. We need to break the transition down to pragmatic and viable steps that will balance the needs of the country while allowing us to pursue a more sustainable future.”**

**Dilhan Pillay Sandrasegara**  
Executive Director and CEO, Temasek

## TOMORROW'S TECHNOLOGY, TODAY

Ecosperity Week 2025 also showcased a range of new technologies with the potential to combat climate issues. Companies featured in Ecosperity Week's Solutions Showcase sessions included Amogy, which is developing ammonia-to-power systems for hard-to-abate sectors such as maritime shipping; Indian agritech platform DeHaat, which is using advanced technology to improve efficiency and optimise the supply chain for millions of Indian farmers, and Antora Energy which manufactures thermal batteries for heavy industries, an alternative source for reliable, cost-effective energy.

Innovation is an important lever in the energy transition, with investors committing their money to promising technology likely to have a first-mover advantage. Technologies focused on addressing heat reliance, thermal batteries, industrial decarbonisation, and nuclear fission and fusion are just some of the opportunities primed for take-off. But while new technology can be promising, Dilhan Pillay Sandrasegara, Executive Director and CEO of Temasek, emphasised the importance of developing proven, commercial solutions.

“New clean technologies tend to require significant capital and have higher cost curves, and this makes them hard to adopt and scale instantly. We need to break the transition down to pragmatic and viable steps that will balance the needs of the country while allowing us to pursue a more sustainable future,” he said.



Amy Merrill, CEO, Integrity Council for the Voluntary Carbon Market (ICVCM)



Speakers at Ecosperity Week made it clear that there is no need to wait for the next generation of innovative climate technologies to become commercially viable. Many of the solutions needed to accelerate Asia's energy transition already exist. The focus must now be on scaling them so they can shape the world's renewable future.

The conversations also highlighted the development of high-integrity carbon markets as a tool to help improve the economics of Asia's transition. Shoring up confidence in the credibility of carbon credits will, however, be critical. The Integrity Council for the Voluntary Carbon Market (ICVCM) has adopted a rigorous assessment process to boost transparency in the voluntary carbon market, including approval labels for credits that meet the organisation's standards. Things are heading in the right direction. There is growing interest among countries in the benefits of carbon markets, and there is deeper

understanding among corporates of the role for carbon credits in a credible decarbonisation pathway, said Amy Merrill, ICVCM CEO.

"If we can bring together the [carbon] market around high-integrity, transparent and robust, functioning markets, we can bring investment, we can bring scaled opportunities for mitigation, particularly in this region," she said.

The discussions at Ecosperity Week 2025 revealed a strong consensus that the energy transition requires more than technology and policy. It requires a shared vision, mutual accountability and bold, systems-level thinking. As the climate clock ticks, the call from Ecosperity Week is clear: **Asia must lead – and it must lead together.**



If we can bring together the [carbon] market around high-integrity, transparent and robust, functioning markets, we can bring investment, we can bring scaled opportunities for mitigation, particularly in this region."

Amy Merrill  
CEO, Integrity Council for the Voluntary Carbon Market (ICVCM)

## THEME 2

# ADAPTATION AND RESILIENCE



The reason adaptation finance doesn't scale is because adaptation itself is intangible. It's hard to measure, and suffers from the perception that it doesn't generate a return. But viewing adaptation through the lens of water solves a number of these challenges. Water is as tangible and measurable as it's possible to be, and it's increasingly investable."

Eric White  
Head, Climate Adaptation, Centre for Nature and Climate,  
World Economic Forum



Annual investment needed in adaptation and resilience globally by 2030<sup>12</sup>

up to **US\$1.3 trillion**

Economic losses caused by extreme weather events from 1970-2021<sup>13</sup>

**US\$4.3 trillion**



## DATA AND ECONOMICS ARE THE BUILDING BLOCKS OF ASIA'S CLIMATE DEFENCES

### KEY HIGHLIGHTS

- A focus on adaptation and resilience is not just about protection from the escalating impacts of climate change. It is fundamental to the region's chances of achieving a just transition, securing economic prosperity and future-proofing sustainable development.
- There is a strong investment case for private investors across multiple sectors – many of which offer multi-billion-dollar markets, double-digit growth rates, attractive margins, and a sizable pool of private companies.
- Water is increasingly becoming a focus for adaptation and resilience, as well as an investable asset for private sector institutions.

**In an era of uncertainty, an emphasis on physical impacts and economic value can help build political will and attract private investors to projects that strengthen adaptation and resilience in a climate-impaired world.**

As underscored at Ecosperity Week 2025, a focus on adaptation and resilience is not just about protection from the escalating impacts of climate change. It is fundamental to the region's chances of achieving a just transition, securing economic prosperity and future-proofing sustainable development.

The Asian Development Bank has warned that sea level rise in Asia Pacific could exceed two meters by 2100<sup>14</sup>. Countries in Southeast Asia are particularly vulnerable due to their long coastlines and dense population in low-lying areas. In a presentation at Ecosperity Week 2025, James Lam, Executive Director, Coastal Engineering & Management, at Surbana Jurong, said adaptation is key to protecting lives and physical assets, but that this will require large amounts of capital, more data and research on possible sea defences, and political will.

Top: James Lam, Executive Director, Coastal Engineering & Management, Surbana Jurong;  
Bottom: Dr Arunabha Ghosh, CEO, Council on Energy, Environment and Water



Dr Arunabha Ghosh, CEO, Council on Energy, Environment and Water



# US\$58 trillion

estimated economic value of  
water and freshwater ecosystems

Technological advancements will also be instrumental. Lam pointed to software that could rapidly stress-test climate scenarios such as coastal flooding, enabling governments to act smarter and faster, and develop solutions that could attract private sector capital. But funding must follow. Speakers called for solution providers to come up with viable commercial projects with adaptation mechanisms built into them in order to attract investors.

This is a relatively unexplored area for most private investors. Speakers at Ecosperity Week 2025, however, underlined the need to break the perception that adaptation and resilience is only the responsibility of the public sector.

Global financing for adaptation and resilience projects totals around US\$76 billion a year – well short of the US\$0.5 trillion to US\$1.3 trillion a year that will be needed by 2030, according to a new report from BCG and Temasek<sup>15</sup>. Launched during Ecosperity Week, The Private Equity Opportunity in Climate Adaptation and Resilience report highlights the investment case for private investors in adaptation and resilience projects across multiple sectors – many of which offer multi-billion-dollar markets, double-digit growth rates, attractive margins, and a sizable pool of private companies.

## BUILDING THE CASE FOR INVESTMENT

Speakers focused on ways to raise awareness of the benefits of building adaptation and resilience, as well as the urgency of addressing Asia's climate vulnerability. Investing in data and technology to provide a hyper-localised assessment of the climate risks being faced, as well as a clear picture of the financial and economic impacts, were highlighted as key starting points. Arunabha Ghosh, CEO of India-based climate think-tank The Council on Energy, Environment and Water (CEEW), highlighted the US\$4.3 trillion of economic losses caused by extreme weather events from 1970-2021 to argue that resilience must be embedded across all aspects of society – lives and livelihoods, power grids, supply chains, and food, water and energy.<sup>16</sup>

J Carl Ganter, Managing Director at Circle of Blue, warned that accelerating water crises – too much, too little or too dirty – are leading to supply disruptions across food and energy sectors, triggering human migration and are sparking more conflict.

The stakes are high: the annual economic value of water and freshwater ecosystems is estimated at about US\$58 trillion, said Ganter, citing an October 2023 report by the World Wide Fund for Nature.<sup>17</sup>



From left to right:

J Carl Ganter, Managing Director, Circle of Blue; Michael Toh, Managing Director, Singapore Water Association, James Addington-Smith, President, Marsh Asia, Gina Domanig, Managing Partner, CEO, Emerald Technology Ventures, Fitri Hasibuan, Vice President, Programmes, Konservasi Indonesia



“Is this an existential threat? Yes,” said Ganter. “Is this an exponential moment for change? Yes. This is when we can change course. We have so many of the solutions at our fingertips.” He urged the creation of a unified “operating system to design water’s future” that would focus on the nexus of water, food, energy and health to unlock innovation and investment with urgent speed and scale. Engaging decision-makers and aligning solutions are essential to rapidly and effectively build resilience for a thirstier, hungrier, more energy insecure world.

An Ecosperity Partner Event hosted by the Southeast Asia Partnership for Adaptation through Water (SEAPAW) – an initiative of the Singapore International Foundation, in collaboration with the World Economic Forum – highlighted the shortfall in global investments in climate adaptation and resilience initiatives, which currently make up only 5%<sup>18</sup> of total annual climate finance and 20–30%<sup>19</sup> of projected annual climate adaptation financing needs. Water, however, can be an important lever for closing that gap, according to Eric White, Head, Climate Adaptation, Centre for Nature and Climate, World Economic Forum.



**Is this an existential threat? Yes. Is this an exponential moment for change? Yes. This is when we can change course. We have so many of the solutions at our fingertips.”**

**J Carl Ganter**  
Managing Director, Circle of Blue

“The reason adaptation finance doesn’t scale is because adaptation itself is intangible. It’s hard to measure, and suffers from the perception that it doesn’t generate a return,” he said. “But viewing adaptation through the lens of water solves a number of these challenges. Water is as tangible and measurable as it’s possible to be, and it’s increasingly investable.”

Amita Chaudhury, Group Head of Sustainability, AIA



FINANCING PROTECTION


It is also essential to understand the power of insurance, said Amita Chaudhury, Group Head of Sustainability at AIA, highlighting its role in providing financial protection to farmers in countries like the Philippines, which is often hit hard by typhoons and droughts, or throughout history in fostering global commerce, for example by derisking maritime trade.

“Insurance is not just about protection, it’s about recovery and rebuilding,” she added. However, Asia has large insurance protection gaps (i.e. there is insufficient insurance), and climate-elevated impacts can cause insurers to raise premiums, making insurance unaffordable.


The solution? Focusing on what Chaudhury describes as ‘the four Ps’: to prepare better by leveraging artificial intelligence, data and analytics to assess risks more accurately; promote more insurance, including catastrophe, health, life and agriculture insurance; prevent market failures through risk transfers and risk pooling; and provide financing, where insurers can play the dual role of risk carriers or as institutional investors deploying capital.

Creating agency – whether among government officials or public and private sector financiers – is vital to bridging this gap, as is reimagining economies so that they can thrive amid further climate upheavals. Adaptation and resilience will be the cornerstones of a liveable and investable future in Asia and beyond.


4 Ps TO PROVIDE FINANCIAL PROTECTION




Prepare better by leveraging AI, data and analytics



Promote more insurance options



Prevent market failure through risk transfer mechanisms



Provide dual role financing



Insurance is not just about protection, it’s about recovery and rebuilding.”

Amita Chaudhury  
Group Head of Sustainability, AIA



## THEME 3 FINANCING ASIA'S TRANSITION



There are near-term uncertainties about the global momentum for climate action, but Asia can continue to chart a steady course in its transition."

Chia Der Jiun  
Managing Director, Monetary Authority of Singapore

Financing  
Asia's Transition  
**FAST**



Global investment in clean energy in 2024 –  
half of which was in Asia Pacific<sup>20</sup>

# US\$2 trillion

Projected annual increase in demand for electricity  
in Southeast Asia in the coming decade<sup>21</sup>

# +4%





## MOVING FORWARD TOGETHER

### KEY HIGHLIGHTS

- Asia's transition offers a wealth of investment opportunities. To mainstream climate finance, however, there needs to be greater transparency around real and perceived risks and a pipeline of suitable projects.
- The public and private sectors need to move in lockstep. Blended finance can play a key role by using development finance or philanthropic funds to crowd in private capital.
- There is renewed momentum around carbon markets and the relevance of innovative tools such as transition credits in Southeast Asia.

### Innovative financing tools and close collaboration between the public and private sectors can keep capital flowing for Asia's transition

Public and private sector collaboration, careful risk-sharing and a sharper focus on blended finance will be essential to meeting the vast funding requirements of Asia's energy transition. That was the clear message from public sector and private finance leaders speaking at the Financing Asia's Transition (FAST) Conference in Singapore, part of Ecosperity Week 2025 and co-organised by BlackRock, the Monetary Authority of Singapore (MAS) and Temasek.

The urgency cannot be overstated, particularly as Southeast Asia's demand for electricity is expected to rise by 4% each year to 2035<sup>22</sup>. Mobilising capital from diverse groups of investors to support Asia's energy transition will therefore be critical. The discussions at Ecosperity Week 2025 stressed that the region offers a wealth of investment opportunities, from battery storage, clean energy, solar and wind, to infrastructure, power grids, and other forms of renewable energy. Projects focused on electrification, clean fuels, sustainable infrastructure and decarbonisation are also ripe for investment.

Top: Susan Chan, Senior Managing Director & Head, Asia Pacific, BlackRock; Riccardo Puliti, Regional Vice President, Asia and the Pacific, International Finance Corporation (IFC); Woochong Um, CEO, Global Energy Alliance for People and Planet (GEAPP); Connie Chan, Head, Financial Services, Temasek;  
Centre: Daniel Oehling, Managing Director & Partner, Boston Consulting Group  
Bottom: Gina Domanig, Managing Partner, Emerald Technology Ventures; Linda-Eling Lee, Founding Director & Head, MSCI Sustainability Institute





From left to right: Chia Der Jiun, Managing Director, Monetary Authority of Singapore, Anthony Hobley, Deputy Chair, Climate Risk & Resilience, Howden Group



**Policymakers, financial institutions, and corporates alike should take the long view, stay the course, and invest in the infrastructure, solutions, and capabilities that will enable industries and economies to transition.”**

**Chia Der Jiun**  
Managing Director, Monetary Authority of Singapore

What is lacking, however, is the capital to match this momentum – and there are real concerns about a retreat from the climate agenda as governments and businesses focus on more immediate concerns around preserving jobs and securing supply chains. Singapore is working hard to close this financing gap. In his opening conference remarks, Chia Der Jiun, Managing Director, Monetary Authority of Singapore, said that enabling the energy transition will be key to transitioning Asia's economies.

He highlighted the launch of the Financing Asia's Transition Partnership (FAST-P) at the end of 2023, an initiative that aims to raise up to US\$5 billion to support Asia's decarbonisation and climate resilience. A new FAST-P office with Munib Madni as CEO has since been set up to facilitate the deployment of up to US\$500 million in concessional capital from the Singapore government into three FAST-P partnerships, alongside capital from other partners.

“There are near-term uncertainties about the global momentum for climate action, but Asia can continue to chart a steady course in its transition. Policymakers, financial institutions, and corporates alike should take the long view, stay the course, and invest in the infrastructure, solutions, and capabilities that will enable industries and economies to transition,” said Chia.

## BLENDED FINANCE POTENTIAL

Investor appetite is certainly there. Anika McManus, Managing Director, ESG, Global Infrastructure Partners, a part of BlackRock, pointed out that assets under management in infrastructure funds have quadrupled over a decade to US\$1.5 trillion<sup>23</sup> in 2024, with new opportunities driven by the low-carbon transition of the energy, transport, digital infrastructure, and water and waste management sectors.

Simon Stiell, Executive Secretary, United Nations Framework Convention on Climate Change (UNFCCC) highlighted that global clean energy investment topped US\$2 trillion<sup>24</sup> last year – about half of which was in Asia Pacific. “We have seen what’s possible with the quadrupling of renewable capacity in the Asian region in just a decade

and at nearly twice the rate of other regions. It’s vital now that all countries are capable of sharing equitably in the vast benefits of the transition: stronger economic growth, more jobs, better health, more secure and affordable clean energy.”

Development finance specialists are alert to the need for new tools. The International Finance Corporation (IFC), for example, is ready to take on more credit and financial risk – including by providing junior equity or mezzanine financing – to ensure that private sector investors feel more comfortable investing in energy transition projects. Supporting marginally bankable projects and hard-to-abate sectors remains a priority, alongside developing local-currency capital markets to fund domestic energy projects.

Blended finance can also go a long way. Speakers at the FAST Conference emphasised the need for greater transparency around real versus perceived risks in order to draw in capital from different private players, including commercial banks and insurance firms. Capacity and knowledge building, as well as a pipeline of suitable projects, will be key to enabling this. A case in point is debt financing platform Pentagreen Capital, a joint venture between HSBC and Temasek that is focused on catalysing financing for innovative clean infrastructure projects. Now the company is focusing on bringing in other financiers to scale up its blended finance platform.

Top: Anika McManus, Managing Director,  
ESG, Global Infrastructure Partners  
Bottom: Dr Joseph Curtin, Managing Director,  
Power & Climate, The Rockefeller Foundation



# US\$1.5 trillion

estimated economic value of  
water and freshwater ecosystems

# US\$58 trillion

estimated economic value of  
water and freshwater ecosystems



## PRIVATE AGENDA

The FAST Conference, which took place on the second day of Ecosperity Week 2025, continues to offer a platform to bridge public-private divides and spark the collaboration needed to unlock financing for Asia's transition. Speakers repeatedly stressed that the public and private sectors needed to move in lockstep. For private investors, de-risking projects and making way for capital recycling will be important. Getting private equity investors involved as a source of patient, long-term capital can also move the needle.

### 4 DS TO ACCELERATE ASIA'S GREEN TRANSITION



Developing policy



Deepening domestic capital mobilisation



Demand-building



Derisking projects

Equally important is embracing innovative financing instruments that can speed up and scale energy transition initiatives, as well as backing climate-tech firms that are creating the next wave of sustainable solutions.

Transition credits can be part of the solution. Verra, a major standard-setter, has endorsed a new methodology for carbon credits generated from the replacement of coal power with clean energy, as announced during Ecosperity Week 2025. A pilot project is in the works in the Philippines, with the support of GenZero and other partners.

The goal is to create a virtuous circle of strategic investments that demonstrates that green and sustainable solutions are not only good, but also cheaper and more resilient. Kavitha Menon, Director at the Singapore Sustainable Finance Association, summed up the need for 4 Ds to accelerate Asia's green transition: Developing policy, regulatory certainty and institutional capacity; Deepening domestic capital mobilisation; Demand-building through standardised financial products, aggregated platforms and securitisation mechanisms; and Derisking projects using catalytic capital, carbon markets, as well as innovative solutions.

This is how Asia can make its projects commercially viable and attract capital at scale – propelling it towards a just and inclusive energy transition.

Top: Kavitha Menon, Director, Singapore Sustainable Finance Association (SSFA)  
Bottom: Sir Danny Alexander, CEO, Infrastructure Finance and Sustainability, CIB, HSBC



## PARTNER EVENTS



**We partner with different entities to provide holistic solutions for our customers – ultimately creating not only a positive impact on climate, but also building resilient businesses.”**

**Helge Muenkel**  
Chief Sustainability Officer, DBS

### SCALING IMPACT: SOLUTIONS, LEVERS AND FINANCING TO ACCELERATE A JUST TRANSITION IN ASIA

Climate action across Asia is becoming more urgent, even as global momentum toward net-zero goals faces increasing challenges. Businesses in the region are under mounting pressure to decarbonise, but many still lack the financial tools and clarity needed to act decisively. Meanwhile, new taxonomies and frameworks introduced by regulators and industry bodies have made the sustainability finance landscape more fragmented – and harder to navigate.

At Ecosperity Week, DBS hosted a half-day programme exploring how businesses can tap into transition finance and accelerate their shift to low-carbon operations.

From cross-border energy networks to nature-based solutions and innovative financing structures, the road to net zero demands cross-sector collaboration and ong-term thinking. It will involve financing of green initiatives, but also supporting businesses transitioning to become green over time.

Top: Delegates networking at the event  
Bottom: Shilpa Gulrajani, Head of Sustainable Finance, Institutional Banking, DBS and Hendrik Rosenthal, Director of Group Sustainability, CLP





## PARTNER EVENTS



**While our path in confronting climate change remains an uphill one, our collective will does bend towards net zero. Let us be steadfast and continue to apply our human ingenuity and imagination in this season of transition.”**

**Fang Eu-Lin**  
Partner and Sustainability & Climate Change Leader,  
PwC Singapore

### CONFRONTING A WORLD IN TRANSITION: CLIMATE TRANSITION, NATURE AND SYSTEMIC APPROACHES

At Ecosperity Week 2025, PwC’s half-day programme centred on the critical role of nature and the urgency of climate transition planning. The discussion unpacked the investment case for adaptation in a world increasingly shaped by ecological degradation and the idea that, ultimately, nature sets the limits.

The event explored how robust transition plans can drive decarbonisation and manage climate-related risks. The session also highlighted the complex relationship between businesses and nature – examining dependencies, vulnerabilities and untapped opportunities. Speakers stressed the value of adopting a systemic approach that benefits not just individual firms, but society and ecosystems at large, and offered practical tools to help business leaders and organisations navigate climate complexity and deliver meaningful value for all stakeholders.

The sessions reinforced the message that collaboration across industries, governments and communities is essential to meeting global decarbonisation goals, as the world needs shared knowledge, resources, and innovative solutions to address the complex challenges of climate change.

**Top:** Fang Eu-Lin, Partner and Sustainability & Climate Change Leader, PwC Singapore and Ben Caldecott, Director, Oxford Sustainable Finance Programme  
**Bottom:** Perpetua (Pep) George, Director, Asia Pacific Sustainability, Biodiversity – Director, PwC Malaysia



## PARTNER EVENTS



**A lot of countries, like China, India, Australia, have abundant renewable capacity. They have big potential to produce green hydrogen at scale, so that's a big opportunity."**

**Masayuki Takanashi**  
Group Chief Sustainability Officer,  
Sumitomo Mitsui Financial Group

### NAVIGATING AN AI-DRIVEN FUTURE POWERED BY SUSTAINABLE ENERGY AND WATER SOLUTIONS

As the global appetite for AI intensifies, coming sharply into focus is the demand for clean energy and fresh water. With the rapid rise of data centres and semiconductor manufacturing, these resources — once viewed as separate challenges — are now twin imperatives at the core of building a sustainable future that is potentially AI-powered.

This was discussed at a roundtable hosted by Sumitomo Mitsui Banking Corporation (SMBC), convening over 20 industry leaders to zoom into the region's key challenges and opportunities in scaling sustainable energy and water initiatives. On spotlight is the access to renewables, and holistic Green and Blue financing solutions.

The roundtable wrapped up SMBC's engagements at Ecosperity Week 2025, where Masayuki Takanashi, Group Chief Sustainability Officer, SMBC Group on the Mitigation plenary stage deep-dived into the role of hydrogen in building a low-carbon energy value chain. "A lot of countries, like China, India, Australia, have abundant renewable capacity. They have big potential to produce green hydrogen at scale, so that's a big opportunity," he highlighted.

The session also follows SMBC's opening of the Ecosperity Action Hub programme, inviting Singapore's JTC Corporation, in an exchange on the critical role that an anchor industrial estate developer plays in leading change, and how rethinking collaboration through the value chain and having the sustainable finance solutions are key to building for climate resilience. SMBC also opened the Ecosperity Action Hub programme with a conversation exploring how industrial and commercial real estate developers can contribute to strengthening climate resilience.

Attendees at SMBC roundtable





## PARTNER EVENTS



**Now more than ever, we must work together to build transparent, trusted, and effective carbon markets that drive real-world decarbonisation. This call to action reflects our shared belief that well-regulated voluntary markets can scale innovation, mobilise capital, and accelerate global climate progress.”**

**Frederick Teo**  
CEO, GenZero

### GENZERO CLIMATE SUMMIT 2025: OVERCOMING PARALYSIS

Held from 5–8 May 2025 in Singapore as part of Ecosperity Week 2025, the third edition of the GenZero Climate Summit brought together more than 400 global leaders from government, industry, and civil society to confront one of the most pressing challenges in climate action: indecision and inertia. Under the theme of Overcoming Paralysis, the summit sought to break through the barriers slowing progress on decarbonisation — ranging from policy uncertainty and financial roadblocks to quality concerns in carbon markets.

The programme advocated strongly for practical, scalable solutions, encouraging open dialogue and cross-sector collaboration. GenZero, the Integrity Council for the Voluntary Carbon Market (ICVCM), and the Voluntary Carbon Markets Initiative (VCMI) issued a joint Call to Action urging governments and regulators to strengthen their oversight of carbon markets to unlock private sector capital. The summit also provided evidence of real progress on several fronts, including a major sustainable aviation fuel initiative with the World Economic Forum, progress on a pilot project for transition credits in the Philippines, and a long-term carbon credit deal with Chinese technology firm Tencent.

As part of the summit, GenZero this year also convened a new GenZero Climate Summit Insights event in partnership with the Singapore Economic Development Board and Enterprise Singapore, focusing on the role of public-private partnerships and talent in scaling carbon projects in Southeast Asia.

**Top:** Frederick Teo, CEO, GenZero  
**Bottom:** Dr Joseph Curtin, Managing Director, Power & Climate, The Rockefeller Foundation and Ravi Menon, Ambassador for Climate Action, Singapore



## PARTNER EVENTS



**The challenges we face – across climate, education, and health – are complex and interconnected. The path to achieving meaningful change is not linear. And it takes many hands working together.”**

**Lim Boon Heng**  
Chairman, Philanthropy Asia Alliance and  
Chairman, Temasek Holdings

### PHILANTHROPY ASIA SUMMIT: PRIMING ASIA FOR GOOD

The 2025 edition of the Philanthropy Asia Summit marked another milestone for the Philanthropy Asia Alliance (PAA), gathering over 1000 delegates and speakers in Singapore for three days of dialogue, collaboration and action. The summit focused on advancing cross-cutting solutions in climate, education, and health – areas increasingly recognised as interdependent and vital to regional resilience.

At the summit, PAA announced the launch of two new communities under its ongoing initiative to foster deeper collaboration within the philanthropic ecosystem. The Health for Human Potential (HHP) Community, supported by lead investors including Temasek Foundation, aims to raise US\$100 million by 2030 for catalytic projects to reduce preventable deaths and disease across Southeast Asia. The Just Energy Transition (JET) Community aims to build philanthropic action for clean, inclusive and people-centred energy solutions in Asia.

A central theme at the summit was the ability of strategic philanthropy to serve as a catalyst for systemic change, when combined with long-term thinking, inclusive approaches, and cross-sector collaboration. Discussions highlighted the growing role of public-private-philanthropic partnerships, the climate-health nexus and its impact on vulnerable communities, as well as the power of nutrition to unlock gains in both human development and economic progress.

Top: Attendees at the Philanthropy Asia Summit  
Bottom: Dr Rose Nani Mudin, Malaysia Dengue Programme, Former Sabah Health Department Director, Malaysia and Sir Peter Horby, FMedSci FRS Director, Pandemic Sciences Institute and Moh Family Foundation Professor of Emerging Infectious Diseases and Global Health, University of Oxford





## PARTNER EVENTS



TEMASEK



**We need stronger, more adaptive partnerships – across capital types, sectors, and geographies – not just to respond to crises, but to sense, sense-make, and proactively redesign systems and frameworks for value creation and resilience.”**

**Desmond Kuek**  
Executive Director and CEO of Temasek Trust

### ACHIEVING IMPACTFUL OUTCOMES: PERSPECTIVES FROM THE GROUND

The third edition of the Impact Investing Roundtable, co-organised by Temasek and the Centre for Impact Investing and Practices (CIIP), brought together industry experts, investors, and innovative companies to discuss how deeper end-user insights, catalytic partnerships, and innovative financing can drive meaningful and measurable impact.

At the Partner Showcase, fund managers discussed how on-the-ground insights are shaping long-term investment strategies, highlighting the role of evidence, intentionality, and integrated outcomes in driving impact. In a session about understanding customers, panellists reflected on the value of listening to end-users via surveys, as well as challenges they face in collecting feedback from consumers.

Conversations around sustainable supply chains also emphasised the need for targeted support, tailored approaches, and clear incentives to engage micro, small, and medium enterprises (MSMEs). The event also marked the launch of a new CIIP report, *Transforming for Sustainability: Driving Impact and Value through Supply Chain Action*, which calls for an ecosystem approach to help MSMEs in Southeast Asia adopt more sustainable practices.

CIIP also signed a memorandum of understanding with the Singapore Fashion Council to develop resources to support sustainability within the fashion and textiles supply chain.

**Top:** Eliza Foo, Director, Impact Investing, Temasek;  
Jyotsna Krishna, Managing Partner, Elevor Equity, and CEO and  
Co-Founder of EPIC World; Sugandhi Matta, Chief Impact Officer,  
ABC Impact, and Michael Schlein, CEO, Accion  
**Bottom:** Dawn Chan, CEO, CIIP



## PARTNER EVENTS

Top: Greg Fischer, Partner and Director, Boston Consulting Group;  
Jay Koh, Co-Founder and Managing Director, The Lightsmith Group;  
Derek Rozycki, Head of Responsible Investing, Mubadala;  
Gina Domanig, Managing Partner, Emerald Technology Ventures  
Bottom: Attendees at the Southeast Asia Green Economy Salon



### HIGHLIGHTS FROM OUR EXTENDED ECOSYSTEM

**Ecosperity Week 2025 featured a bumper lineup of partner-led events that reflected the diverse expertise and shared ambition of organisations across the sustainability ecosystem.**

These sessions explored critical levers for accelerating climate solutions – from finance and policy to innovation and systems transformation – and reinforced the message that collaborative, systems-based solutions and bold leadership are essential to Asia’s sustainable transformation.

**Asia Investor Group on Climate Change (AIGCC)** held its fourth asset owner working group to explore the opportunities and challenges in scaling climate-led investments. Key themes included the evolving definition of climate investing, the need for differentiated portfolio strategies, the role of strong internal systems and governance, and the importance of adapting global frameworks to fit the context of Asian – especially emerging markets.

At the **Southeast Asia Green Economy Salon** hosted by Bain & Company and Temasek, more than 100 guests participated in a series of breakout sessions centred on the key themes from the Southeast Asia’s Green Economy 2025 Report co-authored by Bain & Co, GenZero, Google, Standard Chartered and Temasek.

The discussions struck a balance between pragmatic optimism and concrete action. Key themes included revitalising carbon markets by activating demand and enhancing developer collaboration, optimising existing grid infrastructure through AI and closed-loop systems, and harnessing AI to enable green data centres and virtual power plants. The sustainable bioeconomy also emerged as a major opportunity, with proven solutions like waste-to-energy and regenerative agriculture needing policy, infrastructure, and financing support to reach scale. These conversations emphasised practical, near-term solutions that are available today, or on the immediate horizon.

The **Boston Consulting Group (BCG)**, in partnership with **Temasek**, brought together industry experts to explore investment opportunities in climate adaptation & resilience (A&R), showcasing key insights from a new report launched at the event. At the over-subscribed unch dialogue, themed “Climate Adaptation & Resilience: The Next Investment Frontier”, attendees were presented with in-depth insights into specific, actionable climate A&R opportunities available.



## POST-CONFERENCE REPORT ECOSPERITY WEEK 2025

**Top:** Panellists at an event hosted by the Asian Infrastructure Investment Bank and Singapore's Ministry of Finance  
**Centre:** Delegates in action at the Carbon Removal Leaders' Summit  
**Bottom:** The Cleantech Forum Asia marked the launch of the APAC Cleantech 25



Greg Fischer, Partner and Director at BCG, moderated a dynamic panel discussion featuring Gina Domanig, Managing Partner at Emerald Technology Ventures; Jay Koh, Co-Founder and Managing Director of The Lightsmith Group; and Derek Rozycki, Head of Responsible Investing at Mubadala. The panel delivered a highly engaging exchange of real-world case studies in climate A&R investments. The discussion highlighted the accelerating demand for climate A&R solutions, the strengthening market signals supporting this momentum, and the diverse opportunities available for investors across asset classes –including venture capital, growth equity, and infrastructure – to capitalise on this emerging investment frontier.

**BlackRock** convened investors, policymakers, technical experts and businesses for a roundtable discussion on strategies to decarbonise Southeast Asia's high-emitting sectors while sustaining economic growth.

Focusing on innovation, **Global Corporate Venturing**, **Cleantech Group** and the **Centre for Impact Investing and Practices** showcased how early-stage capital and corporate-startup partnerships can scale transformative technologies.

The **Cleantech Forum** launched its APAC Cleantech 25 – an annual list of private sustainable innovation companies that have gained the attention of market experts and

regarded as having the potential to make a significant impact in the region in a five-to-ten-year timeframe.

**Convergence** and the **Global Asia Insurance Partnership (GAIP)** also presented a practical playbook to guide the insurance sector in leveraging blended finance to scale sustainable development and climate-health solutions. Together, they organised an event to engage senior insurance leaders to explore product innovation, de-risking strategies, and opportunities for greater sector participation in Asia.

The Carbon Removal Leaders' Summit, co-hosted by **Climeworks**, **Climate Impact X (CIX)**, **Tsao Pao Chee (TPC)**, **South Pole**, and the **World Business Council for Sustainable Development (WBCSD)** brought together around 30 selected C-suite decision-makers to explore the critical role of carbon removal in Southeast Asia's journey to net zero and uncover how the region can take the lead in capitalising on this future trillion-dollar industry.

## POST-CONFERENCE REPORT ECOSPHERITY WEEK 2025

Top: Networking at the WBCSD event

Centre: Anthony DeOrsey, Research Manager, Cleantech Group; Nicholas Parker, Founder, CleanAI; Shivani Chotalia, Founding Partner, CleanAI Initiative

Bottom: Delegates in conversation at the CEEW x Circle of Blue Urgent Strategies Workshop



Key takeaways from the session:

- Carbon removal is non-negotiable. To limit global warming, the IPCC projects we must remove up to 10 gigatons of CO<sub>2</sub> annually by 2050.
- It's also a massive business opportunity. Carbon removal is poised to unlock new markets, technologies, and green jobs on a global scale.
- Southeast Asia is ready to lead. With supportive policy, investment momentum, and a vibrant innovation ecosystem, the region is uniquely positioned to scale climate solutions, unlocking both environmental and economic advantages.

**Circle of Blue** and the **Council on Energy, Environment and Water (CEEW)** led dialogues on water security and regional adaptation, aligned with efforts by the **Climate Group Asia Action Summit**, which convened top business and policy leaders to drive the decarbonisation of Asia's industrial and energy sectors.

The **Asian Infrastructure Investment Bank (AIIB)** and Singapore's **Ministry of Finance** co-hosted a panel on bridging policy and investment for ASEAN's energy transition.

The **NUS Sustainable Futures Forum** marked the launch of NUS Sustainable Futures (NUS SF), a whole-of-university effort bringing together expertise from across its research ecosystem to advance interdisciplinary and cross-sector

collaborations in addressing climate change challenges. The forum also featured panel discussions on the four pillars of the NUS SF initiative, covering: grid modernisation and renewable energy integration; climate-resilient agriculture; capacity building; and inclusive cities.

The **Singapore Sustainable Finance Association (SSFA)** together with **Convergence** and the **Private Infrastructure Development Group (PIDG)** explored how to mobilise blended finance and crowd in private investment for sustainable infrastructure and climate impact across Asia. The discussion focused on the role of blended finance as both a catalytic tool for investments and a transitional mechanism for the region's sustainable finance ecosystem, and included a preview of Convergence's upcoming State of Blended Finance report.

Key themes included:

- The need for policy certainty, regulatory clarity, and standardised approaches to mobilise capital at scale
- The importance of local currency financing to ensure long-term viability and mitigate foreign exchange risk
- The critical role of technical assistance, platform-building, and capacity development in strengthening project pipelines and addressing policy gaps
- The need for practical, multi-stakeholder solutions that embed sustainable finance principles and risk management from the start.



The **Southeast Asia Partnership for Adaptation through Water (SEAPAW)**, an initiative of the Singapore International Foundation in collaboration with the World Economic Forum, convened decision-makers across business, government, and civil society to confront Southeast Asia's pressing climate adaptation needs through the lens of water resilience.

Key highlights included a preview of an upcoming position paper on adaptation finance, a high-level panel discussion focused on emerging business opportunities, and a collaborative segment aimed at co-developing practical solutions for the region's most critical water challenges.



**Viewing adaptation through the lens of water solves a number of challenges. Water is as tangible and measurable as it's possible to be, and it's increasingly investable."**

**Eric White**  
Head, Climate Adaptation, Centre for Nature and Climate, World Economic Forum

"Adaptation finance doesn't scale as it's intangible and hard to measure, suffering from the perception that it doesn't generate returns. But viewing adaptation through the lens of water solves a number of these challenges: water is as tangible and measurable and is increasingly investable," said Eric White, Head, Climate Adaptation, Centre for Nature and Climate, World Economic Forum.

The **World Business Council for Sustainable Development (WBCSD)** organised a two-day conference uniting APAC's leading businesses to drive sustainable transformation through regional collaboration and innovation. Through high-impact sessions, attendees gained actionable insights on credible transition planning, supply chain decarbonisation, adaptation strategies, just energy transition, and financing for nature — all critical to staying ahead in an evolving global economy.

Key takeaways from the five sessions include:

- Reliable Scope 3 data is foundational. Accurate, granular, and comparable emissions data is essential for businesses to invest wisely. Companies increasingly recognise the importance of product-level insights rather than aggregate metrics.
- Asia Pacific is the world's most vulnerable region to climate shocks, with significant exposure to typhoons, floods and heatwaves. The 20th Global Risks Report ranks extreme weather as a top-level risk in both likelihood and impact, underscoring urgent adaptation needs.
- A people-centred transition is critical. Workforce transformation and community resilience must be integral to energy strategies.
- Transition plans must address both mitigation and adaptation. As physical climate risks increase, plans must incorporate long-term resilience strategies alongside decarbonisation targets.
- Collaboration is non-negotiable. The message from the panels was clear: only through collaboration, continuous learning and joint action can we scale funding for nature-based solutions.

Additional contributions from **MAS**, and **Banque de France** underlined the importance of aligning regulation, capital, and technology to unlock inclusive, long-term climate progress.

## NEWS ROUNDUP

The Liveability Challenge 2025 trophies and the winners up on stage



**Ecosperity Week 2025 was packed with agenda-setting announcements from the main conference and our partner organisations. Here are some of the highlights.**

### WEF, GENZERO LAUNCH SAF INITIATIVE

The World Economic Forum and GenZero launched an initiative aimed at promoting the use of sustainable aviation fuel (SAF) and SAF certificates, in order to drive demand for cleaner fuel and make production more commercially viable.

Green Fuel Forward is designed to stimulate partnerships between corporates and airlines in the Asia Pacific region, as well as leverage the region's emerging regulatory environment and resources of sustainable feedstock. Scaling the demand for and use of SAF certificates will help to lower costs and support development of the technology needed for SAF, which is a critical element of the drive to reduce airline sector carbon emissions.

### THE LIVEABILITY CHALLENGE

Krosslinker and Ayrton Energy have emerged as the top winners at The Liveability Challenge (TLC) 2025 Grand Finale for their innovative solutions to drive decarbonisation and tackle climate challenges. The two groundbreaking

projects were the standouts among eight finalists, each securing a S\$1 million grant in catalytic funding to help advance and scale their solutions sustainably.

The winner of the Cool Earth track was Singapore-based deep-tech start-up Krosslinker, which develops passive cooling technologies in the form of aerogel materials capable of reducing surface temperatures by up to 10 degrees Celsius and ambient temperatures by up to 5 degrees Celsius.

The winner of the Decarbonisation track was Canada-based Ayrton Energy, which develops technology for safe and cost-effective hydrogen storage and transport, and addresses infrastructure challenges that currently hinder the widespread adoption of hydrogen energy.

### NEW FUND FOR HIGH-QUALITY CARBON PROJECTS

Singapore's EDB and TT Foundation Advisers, the philanthropy advisory arm of Temasek Trust, have launched a donor-advised fund to help unlock capital from family offices and foundations for early-stage Article-6 carbon projects. The new fund, which was announced at GenZero's Climate Summit Insights 2025, part of Ecosperity Week, has already drawn a commitment of S\$20 million.



Susan Hu, Nature Action Agenda Lead, World Economic Forum



## US\$500 million

New FAST-P office to facilitate deployment of up to US\$500 million of concessional capital from Singapore government

## US\$5 billion

Target set by FAST-P to support decarbonisation and climate resilience in Asia

The fund builds on the EDB's Carbon Project Development Grant announced at COP29 in 2024, and fits into the continued development of a carbon services and trading ecosystem in Singapore. Through the new fund, owners of capital benefit from a trusted platform through which they can co-fund high-quality projects alongside EDB, helping to accelerate early-stage financing, which is often challenging to access.

### IN BRIEF

The **Gates Foundation** announced plans to establish a presence in Singapore to strengthen partnerships with government, philanthropies, and institutions across southeast Asia, and support progress toward global health and development goals.

Supported by the Singapore Economic Development Board (EDB), the move reflects the Foundation's commitment to working alongside countries and partners to help more people live healthy and productive lives, and to accelerate progress toward achieving the Sustainable Development Goals.

The Gates Foundation has also joined an effort to mobilise US\$100 million in catalytic funding by 2030 to improve human health in Southeast Asia, alongside partners that include the Indonesian family-owned Tanoto Foundation, the Temasek Foundation, and Singapore's Philanthropy Asia Alliance (PAA).

**Verra**, a climate standards non-profit, announced its approval of a carbon credit methodology for the early retirement of coal-fired power plants. The methodology was developed by The Rockefeller Foundation's Coal to Clean Credits Initiative (CCCI) and provides a framework for monetising carbon savings and creating a new class of transition credits. Meanwhile, Mitsubishi Corporation has joined ACEN, Keppel and GenZero in a pilot project exploring the use of the transition credit methodology to accelerate the early retirement of a Philippines coal plant.

Third Derivative, Founders Factory and HSBC unveiled the **Future Industries Partnership**. Launched in Singapore, the philanthropic programme will allow climate technology startups in Asia and the Middle East to leverage the networks and expertise of its founders.

**Singapore and Rwanda** signed an agreement on carbon credits collaboration. The deal creates a framework for the generation and transfer of carbon credits from mitigation projects, and is intended to help project developers develop high-quality carbon credit projects aligned with Article 6 of the Paris Agreement.

The **Financing Asia's Transition Partnership (FAST-P)**, a blended finance initiative, announced the launch of its first office in Singapore as it works to deploy up to US\$500 million of concessional capital from the Singapore government. Munib Madni has since been appointed CEO of the FAST-P Office. The initiative was launched at COP28 in 2023 with the objective of raising up to US\$5 billion to support decarbonisation and climate resilience in Asia.

## ECOSPERITY ACTION HUB

**The Ecosperity Action Hub (EAH) returned to the conference agenda in 2025, complementing the main plenary sessions and providing an additional platform for businesses and organisations to showcase tangible sustainability-oriented initiatives and opportunities.**

**Here are just a few of the highlights from this year's EAH.**

### SINGAPORE SETS PRECEDENT FOR CARBON TRANSPARENCY

The Singapore Emission Factors Registry (SEFR) has become the first national registry to adopt the World Business Council for Sustainable Development's standard for product-level carbon footprints. The Partnership for Carbon Transparency (PACT) standard aims to provide supplier-specific emissions data that can reshape decarbonisation efforts both regionally and globally.

In a special session at the Ecosperity Action Hub, Naama Avni Kadosh, Director, PACT, WBCSD, and Hu Ching, Head, Net Zero Transition Programme Office, Singapore Business Federation discussed how putting PACT into practice can empower businesses in Singapore to decarbonise their supply chains with greater clarity and transparency.

### GCBC LAUNCHES ACCELERATOR FOR CAPACITY BUILDING

The Global Capacity Building Coalition (GCBC) unveiled a global initiative to identify and scale innovative, high-impact initiatives that mobilise sustainable finance to bridge the investment and capacity gap in emerging markets and developing economies.

Speaking at the Ecosperity Action Hub, Mary Schapiro, Chair of the Global Capacity Building Coalition and Vice Chair of the Glasgow Financial Alliance for Net Zero (GFANZ) said the Accelerator would promote access to tools, resources and support for the clean energy transition. "The GCBC is excited to elevate financial institutions, civil society organisations, and others that are engaging in this critical work," she said. Alex Michie, CEO, GCBC and Nana Li, Head of Sustainability & Stewardship, Asia-Pacific, Impax Asset Management, discussed how the initiative aims to close a nearly \$2.5 trillion annual financing gap for sustainable development in emerging economies, excluding China.

### EAH NEWS IN BRIEF

**The Voluntary Carbon Markets Integrity Initiative (VCMII)** and **GenZero** hosted an interactive session on VCMII's newly launched Scope 3 Action Code of Practice, outlining how companies and governments can use carbon credits to close the scope 3 emissions gap and complement their decarbonisation efforts.

The **World Economic Forum, Business for Nature**, and the **World Business Council for Sustainable Development** provided an update on their series of reports presenting new nature-positive roadmaps for 15 sectors in the transition toward a more sustainable future.

**Blunomy**, a consultancy, presented its research into the potential for the use of virtual power plants (VPPs) to aggregate small-scale clean energy generation and accelerate the modernisation of electricity systems. The VPP Readiness Index benchmarks countries based on their technical, regulatory, and commercial preparedness to help inform strategic reforms and guide investments.

**The International Energy Agency (IEA)** presented its findings from a special report on Energy and AI, including projections that electricity demand from data centres will more than double by 2030 in Southeast Asia. How those energy needs will be met will be a key consideration in the transition – globally and in Southeast Asia.



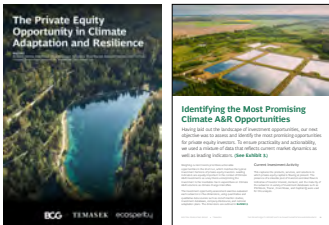
# REPORTS LAUNCHED

## THOUGHT LEADERSHIP

Alongside the plenary discussions, Ecosperity Week 2025 saw the launch of two thought leadership reports co-authored by Temasek, offering fresh insights and actionable strategies to accelerate sustainable growth across Asia.



[Download the report](#)



[Download the report](#)

### SOUTHEAST ASIA'S GREEN ECONOMY: UNLOCKING SYSTEMS FOR GROWTH AND IMPACT

The 6th edition of the Southeast Asia's Green Economy report by Bain & Company, GenZero, Google, Standard Chartered and Temasek explores how SEA can move into the next chapter of its green transition, one where decarbonisation unlocks value through economic competitiveness, job growth, and long-term energy security. Underlining the opportunity for change, the report details how Southeast Asia could create US\$120 billion in new economic value and generate up to 900,000 jobs by 2030, while making significant progress in cutting its carbon emissions.

The report identifies three systems-level solutions for leaders: scaling the sustainable bioeconomy; modernising domestic and regional power grids; and accelerating the electric vehicle ecosystem. This report also highlights the urgent need for enabling solutions, such as expanding access to climate and transition finance, scaling carbon markets, and harnessing green artificial intelligence (AI).

The latest edition of the report also looks at the potential for collaboration between Southeast Asia and the wider Asia-Pacific region to unlock the full potential of the green economy.

### PRIVATE EQUITY OPPORTUNITIES IN ADAPTATION AND RESILIENCE

Launched on Day 2 of Ecosperity Week 2025, a new report from Boston Consulting Group (BCG) and Temasek calls on private equity firms to lead investments in solutions that strengthen global and regional climate adaptation and resilience (A&R).

Titled The Private Equity Opportunity in Climate Adaptation and Resilience, the report highlights the US\$0.5 trillion to US\$1.3 trillion opportunity in high-growth climate adaptation and resilience solutions a year by 2030, calling on private equity firms to lead the charge in scaling solutions that strengthen global and regional climate resilience. The public sector is expected to account for most of the funding, but the urgent need for climate A&R solutions will create new value pools across value chains, presenting a growing investment opportunity.

While private investors have yet to fully explore this area, the report highlights a range of subsectors that are ripe for investment, with multi-billion-dollar markets, double-digit growth rates and attractive margins.

Long-term private equity investors can leverage their expertise in value creation, scaling businesses, and guiding companies to maturity to help build a more resilient world while securing a stake in one of the defining markets of the future.

# COVERAGE

Ecosperity Week 2025 and the many partner events received significant attention from the media, amplifying the messages of the conference to a wider audience. The event generated over 250 pieces of earned coverage from Singapore-based media as well as international and trade media, across broadcast, print and digital channels. Almost 50 media representatives attended Ecosperity Week 2025, representing close to 30 local, regional and international publications.

CNA and CNBC reported live from the venue, interviewing global leaders and industry experts. Media coverage included insights from the panels and keynote addresses during the plenary sessions, as well as extensive reporting on the thought leadership publications and many news announcements released during the conference.

>250  
pieces of earned media coverage



**THE STRAITS TIMES**

Ravi Menon  
Ambassador for Climate Action  
Republic of Singapore

Microsoft co-founder and philanthropist Bill Gates with Singapore's Ambassador for Climate Action Ravi Menon at a fireside chat held during the Ecosperity sustainability conference in Singapore on May 5. Mr Gates said in a statement on May 8 that he was speeding up plans to divest his fortune and



**CNBC**

ENVIRONMENT

Rich countries 'owe it to the world' to get themselves down to net zero emissions: Bill Gates

PUBLISHED MON, MAY 5 2025 11:56 AM EDT



**THE BUSINESS TIMES**

COMMENTARY

Singapore's sovereign wealth investors GIC, Temasek find adaptation potential

Reports by the two suggest that adaptation opportunities are still undervalued, and that it pays to invest early



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Asia integral to solve climate crisis, should collaborate for a low-carbon future: Teo Chee Hean

Senior Minister Teo Chee Hean was delivering a keynote address at Ecosperity Week 2025, focusing on areas for deeper collaboration within Asia in the fight against climate change.



**TEMASEK**

Long-term investors have a role to play in climate resilience

## MEDIA COVERAGE BY





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# ENDNOTES

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**18-21 May**

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