



Economic Research Institute
for ASEAN and East Asia



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2023 ANNUAL REPORT



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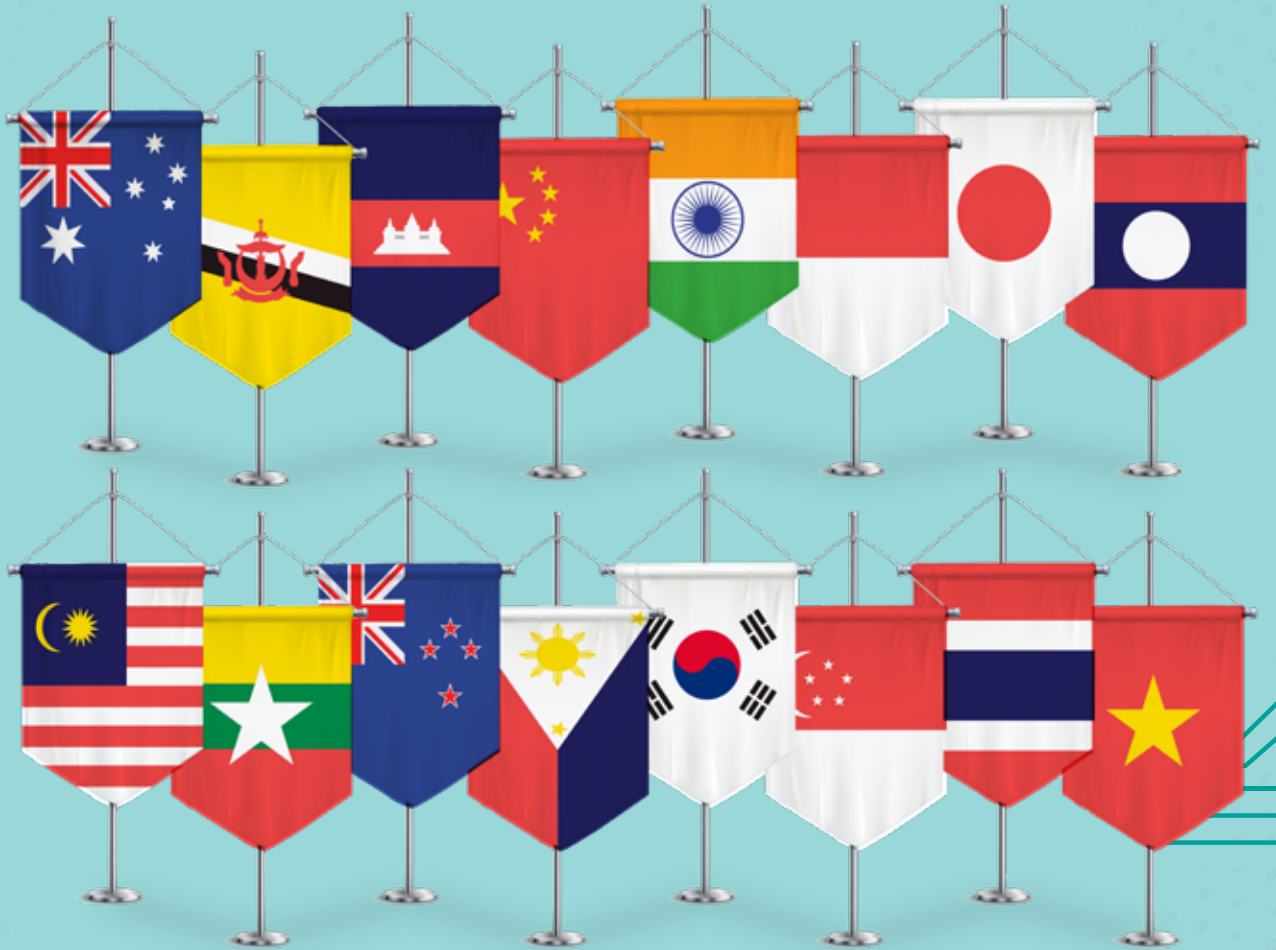
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Member Countries

Australia - Brunei Darussalam - Cambodia - China
India - Indonesia - Japan - Lao PDR
Malaysia - Myanmar - New Zealand - Philippines
Republic of Korea - Singapore - Thailand - Viet Nam



Message from the President

In my inaugural year as President, I have developed a deep appreciation for the collective efforts of my colleagues, which have solidified ERIA's position as a premier policy think tank in ASEAN and East Asia. Throughout this year, we have successfully delivered impactful solutions to address both immediate and long-term challenges facing our region.

Firstly, I extend a warm welcome to the new Chair of the ERIA Governing Board, H.E. Ramon M. Lopez, Former Secretary of the Philippine Department of Trade and Industry, who replaced H.E. Professor Cielito F Habito, Professor of Economics at the Ateneo de Manila University, and a new Governing Board member, H.E. Dr Kao Kim Hourn, Secretary-General of ASEAN, who replaced H.E. Dato Paduka Lim Jock Hoi, Former Secretary-General of ASEAN. Their appointment marks the beginning of a new chapter for ERIA, building upon the solid foundations laid by our former members.

ASEAN and East Asia have navigated through past challenges, but none as formidable as the current global crisis. While countries are recovering from the pandemic, geopolitical instability, food security, energy security, supply chain risks, and climate change loom as serious threats.

In response to these complex challenges, ERIA continues to evolve and adapt to meet the changing needs of the region. Our researchers have provided in-depth analyses and objective assessments to support policymakers in responding to these challenges. We believe that this region must strategically adapt to critical global trends, such as the evolving risks within supply chains, the pursuit of carbon neutrality, the integration of circular economy principles, and digitalisation.

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The year 2023 was particularly busy for ERIA, as our member countries played significant roles in hosting global multilateral forums, including the ASEAN Chairmanship, the G20 Presidency, and the G7 Presidency.

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Tetsuya Watanabe
President of ERIA



The COVID-19 pandemic has accelerated digital transformation in ASEAN, presenting both opportunities and challenges. Through our newly established centre, ERIA Digital Innovation and Sustainable Economy Centre (E-DISC), we aim to nurture a digital environment and data governance in the region that is safe, transparent, reliable, and trustworthy. Our research confirms ASEAN's potential to become a major player in the global digital economy while ensuring that digitalisation supports sustainable and inclusive development goals.

In the energy sector, we have updated studies on regional carbon trading systems, the ASEAN power grid, transition finance, and produced our flagship publication, the *Energy Outlook and Energy-Saving Potential in East Asia*. Our analysis of the decarbonisation of the ASEAN energy system aims to develop a carbon-neutral roadmap tailored to the specific attributes of each ASEAN country. We have also studied the large-scale development of renewables in ASEAN and technical standards of hydrogen, ammonia, and CCUS. Our accumulated outcomes in this area led to our invitation to the inaugural Asia Zero Emission Community Leaders' Meeting, highlighting our past achievement in this field.

We have also continued our work on supply chain resilience and trade facilitation, making significant progress in supporting supply chain resilience and improving the trade facilitation environment within the ASEAN region. Our research on environment, healthcare, and agriculture has been instrumental in high-level policy discussions, and our support to ASEAN on blue economy, food security, trade facilitation, and energy security is well-recognised in leaders' statements.

The year of 2023 was particularly busy for ERIA, as our member countries played significant roles in hosting global multilateral forums, including the ASEAN Chairmanship, the G20 Presidency, and the G7 Presidency. We actively participated in ministerial meetings across these forums, providing actionable policy recommendations for continued economic growth and sustainability. Through our efforts, we aim to bring the voices and realities of developing Asia to the global discourse.

This annual report offers a glimpse into the remarkable scholarship produced by our researchers, exemplifying the exceptional standards ERIA has upheld since its establishment. Our seamless combination of evidence-based research and policy design, nurtured over the years, is driving real-world impact.

Through tireless efforts, we have cultivated a vibrant network of leaders across various sectors, championing the translation of our research into tangible reforms and policy actions. This connection between research and policymaking I see as the strength of our institute.

I am deeply grateful to all who have enriched my inaugural year as ERIA's President, including our Board of Governors,

Economists, Policy Advisors, Experts, and Staff. As we embark on the next chapter of our journey, we remain committed to building on the foundation of excellence laid since the founding of ERIA. We will continue to work closely with member countries, international organisations, think tanks, and businesses to pave the way for a more robust regional and global economy.

A handwritten signature in black ink that reads "Tetsuya Watanabe". The signature is fluid and cursive, with the first letter of each name being capitalized and prominent.

Tetsuya Watanabe

President of ERIA

Event Highlights





Brunei Ministers Meet ERIA Delegation on Collaboration

Bandar Seri Begawan, 27 February 2024

The Ministry of Primary Resources and Tourism (MPRT) partnered with ERIA to conduct a gap analysis and verification of the national forest resources inventory project of Brunei Darussalam to obtain accurate baseline data on the Sultanate's existing carbon stocks, in adherence to international standards.

During a courtesy call, ERIA President Tetsuya Watanabe met with Minister of Primary Resources and Tourism Dato Seri Setia Dr Haji Abdul Manaf bin Haji Metussin and discussed the collaboration extended by ERIA.

The efforts act as a tool for decision-making in formulating sustainable development practices, including climate change mitigation, which aligns with the Brunei Darussalam National Climate Change Policy in achieving emissions reduction goals and marks a significant step towards fostering sustainable environmental practices and contributing to global efforts in combating climate change.

Tetsuya Watanabe was accompanied by Deputy Director-General for ASEAN and East-Asian Affairs Daisuke Tsukao, senior advisor to the president on environmental issues Michikazu Kojima, executive secretary to the president and research associate Tomy Waskitho, ERIA's Director of Research Strategy and Innovation Venkatachalam Anbumozhi, and Special Representative to Brunei Darussalam Okouchi Hiroshi.

The ERIA delegation also extended a courtesy call to ministers at the Prime Minister's Office – Minister of Finance and Economy II Dato Seri Setia Dr Awang Haji Mohd Amin Liew bin Abdullah and Minister of Transport and Info communications Pengiran Dato Seri Setia Shamhary bin Pengiran Dato Paduka Haji Mustapha, to discuss digital strategy and new energy transformation.



ERIA and the Ministry of Health of Indonesia Form Strategic Partnership to Enhance National Health Policy and Capacity

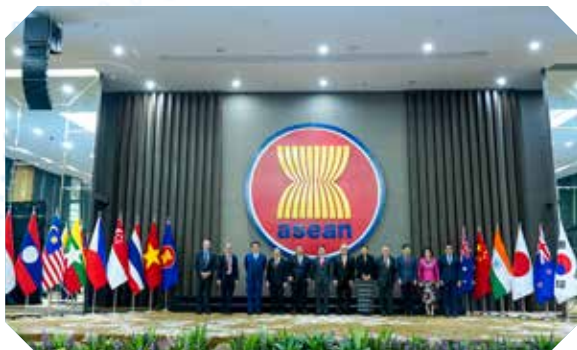
Jakarta, 20 February 2024

ERIA and the Ministry of Health of the Republic of Indonesia are pleased to announce the signing of a Memorandum of Understanding (MoU) aimed at strengthening Indonesia's national health policy through various health transformation programmes as well as strengthening Indonesia's capacity in Indonesia-led international initiatives related to health policies. The signatories of the MoU were Dr Syarifah Liza Munira, Deputy Minister for Health Policy Agency in the Ministry of Health, Republic of Indonesia, and Mr Koji Hachiyama, Chief Operating Officer of ERIA. The signing ceremony took place at ERIA's office, witnessed by His Excellency Mr Budi Gunawan Sadikin, Minister of Health of Indonesia, and Mr Tetsuya Watanabe, President of ERIA.

Minister Budi Sadikin expressed enthusiasm for the signing of this MoU, particularly in light of Indonesia's ageing society. 'I want to really understand the real science of ageing, and I want to be able to write a policy based on data, what is the most effective way for any country when the populations are ageing,' said Minister Budi Sadikin referencing a study being conducted by the Faculty of Medicine, Universitas Indonesia, and ERIA entitled 'Longevity in the Indonesian Population: Nutrition and health status, dietary intake, lifestyle profile, and quality of life from Gili Iyang and Miduana Villages.'

Mr Watanabe welcomed the delegations and expressed ERIA's commitment to expanding collaboration with the Indonesian Government. 'Through the MOU that we are signing today, ERIA is committed to expanding our collaboration with the Indonesian Government to tackle together important issues, such as primary care, secondary care, health technology and health resilience, aligning with Indonesia's national government and regional priorities,' said Mr Watanabe.

The MoU, valid for 5 years, outlines the collaborative efforts between the Ministry of Health of Indonesia and ERIA to enhance Indonesia's national health policy and capacity. Under this framework, both parties will work together in various activities, including internships, secondment of MoH officers to ERIA, workshops and other programmes, joint studies, and projects on policy implementations. This MoU signifies a significant milestone in the partnership between the Ministry of Health of Indonesia and ERIA, paving the way for collaborative efforts to enhance the health landscape in Indonesia and the wider region.



ERIA Elects New Chair of the Governing Board

Jakarta, 6 February 2024

At the 3rd ERIA Extraordinary Governing Board Meeting on 6 February, Ramon M Lopez, former Philippines Secretary of the Department of Trade and Industry, was elected as its new chair. Mr Lopez served a full term as the DTI secretary. During his tenure, he represented his country's negotiating team in the finalising and signing of the Regional Comprehensive Economic Partnership (RCEP). As the new chair, Mr Lopez guided the meeting through exchanges of views about the new direction of ERIA among the members of the Governing Board. They expressed appreciation for ERIA's ongoing efforts to advance the region's economic growth and sustainable development, as well as its contribution to the global agenda.

The new chair also reiterated that ERIA continues to play an important role in advancing ASEAN cooperation with dialogue partners and highlighted the 50th anniversary of ASEAN–Japan diplomatic relations last year. Various board members also shared their views on possible new directions and issues that ERIA might face, noting the importance of wide dissemination and full utilisation of ERIA's research output.

With these objectives in mind, ERIA is working hard to bridge the gap between ASEAN Member States so that no one will be left behind. Last year ERIA set up the Digital Innovation and Sustainable Economy Centre (E-DISC), committed to building a strong and responsible digital transformation in ASEAN and East Asia.

Looking ahead, new trajectories were proposed by the members of the Governing Board. They suggested more interlinkages between economics and geopolitics in future studies and research. In addition, ERIA can assist countries in focusing on digital transformation and sustainable development, as well as helping them better understand and interpret today's pressing challenges, ranging from climate change to supply chains.



ERIA Takes Part in the 27th Meeting of ASEAN Tourism Ministers

Vientiane, 25 January 2024

The President of ERIA, Tetsuya Watanabe, presented ERIA's support for ASEAN Tourism Cooperation during the 27th Meeting of ASEAN Tourism Ministers in the capital of Lao PDR, Vientiane, on Thursday. He underscored that while ASEAN tourism recovery is well underway, achieving sustainable tourism remains a challenge.

President Watanabe also mentioned the need for an Action Roadmap to guide sustainable tourism strategies in ASEAN Member States (AMS), based on the ASEAN Framework on Sustainable Tourism Development. ERIA presented its latest publication, 'Action Roadmap for Sustainable Tourism Development in ASEAN', to the ASEAN Tourism Ministers during the meeting. President Watanabe also provided strategic proposals to the ministers to strengthen tourism cooperation among ASEAN countries.

Beforehand, ERIA's Senior Economic Advisor, Dr Aladdin D. Rillo, delivered a presentation to senior officers from the ASEAN Tourism Ministry during the ASEAN Tourism Forum 2024. Dr Rillo underscored ERIA's commitment to supporting them in formulating strategies for sustainable tourism in the region, reaffirming ERIA's readiness to provide assistance in this endeavour.



ERIA and Coordinating Ministry of Economic Affairs of Indonesia Meet to Discuss Economic Development and Potential Collaboration

Jakarta, 17 January 2024

ERIA and Indonesia's Coordinating Ministry of Economic Affairs met to discuss international economic cooperation and sustainable transportation in Indonesia. ERIA's President, Tetsuya Watanabe, presented ERIA's analysis to the Coordinating Minister of Economic Affairs Airlangga Hartarto. Accompanying Minister Airlangga was the Deputy Minister of International Economic Affairs, Dr Eddy Prio Pambudi, Special Advisor to the Minister, Dr Reza Y. Siregar, and a member of the Minister's Assistance Team, Dr Raden Pardede.

The meeting between ERIA and the Ministry also explored potential avenues for further cooperation between the two institutions. Both institutions remain committed to working together to foster economic prosperity and sustainable development in Indonesia and across the ASEAN region.



President Watanabe: With Digital Economy, Indonesia's Future is Promising

Jakarta, 22 December 2023

ERIA's President, Tetsuya Watanabe, spoke at the high-level panel during the Indonesia Economic Outlook Seminar with the theme 'Optimism in Strengthening National Economy Amidst Global Dynamics' held by the Coordinating Ministry for Economic Affairs of Indonesia. Other high-level panelists included the Minister of Energy and Mineral Resources, Arifin Tasrif; the Vice Minister of State-Owned Enterprises, Kartika Wirjoatmodjo; and the Rector of the University of Indonesia, Prof. Ari Kuncoro. The panel discussion was moderated by Andini Effendi, a renowned Indonesian journalist.

The panel, titled 'Policy Strategy to Support a Sustainable Economic Growth' discussed a wide range of issues, from energy transition and the new economic model to human resources development and digital innovation.

President Watanabe emphasised the importance of digital innovation in supporting sustainable economic growth for Indonesia. He highlighted ERIA's research, which suggests that Indonesia's digital transformation agenda is expected to increase the country's competitiveness, improve manufacturing performance, and improve productivity. Moreover, President Watanabe highlighted Indonesia's position as one of the largest markets for start-up investments in the region. Simultaneously, the country boasts a rapidly growing online market, with ERIA's research predicting an average annual increase of 25% from 2021 to 2025. In conclusion, President Watanabe underscored the need for Indonesia to support the development and application of new technologies to support its economic growth and net-zero target.

Minister Airlangga Hartarto, in his opening speech, said that amidst global uncertainty, the fundamentals of Indonesia's economy are well-maintained and well-prepared. The inflation rate remains relatively low and under control, while economic growth exceeds the global average.

In his keynote address, President Joko Widodo expressed optimism about the Indonesia Economic Outlook for 2024, citing economic progress and a stable domestic political situation, even amid the upcoming general election in 2024. He also emphasised the necessity for stronger public-private partnerships and the strengthening of the digital economy.



ERIA Highlights India and ASEAN's Vital Role in Global Economic Policy Forum 2023

New Delhi, 7 December 2023

During the second plenary session of the Global Economic Policy Forum 2023 hosted by the Confederation of Indian Industry (CII), ERIA's President, Tetsuya Watanabe, highlighted the potential of India and ASEAN to drive global economic growth owing to their youthful demographics. He underscored the resilience of their production networks and supply chains, which have proven robust and resilient in the face of various magnitudes of shocks. Additionally, President Watanabe emphasised the critical importance of successful digital transformation for Asia, noting that Developing Asia needs a digital-friendly ecosystem to accelerate this transition.

'Developing Asia is the beacon of growth and holds the key to resilient and trustworthy supply chains, both within and outside Asia,' said President Watanabe. He stressed that the supply chains were rigorously tested during the supply and demand shocks triggered by the COVID-19 pandemic. 'ASEAN and India were the earliest to recover from the supply shocks and thereafter, fulfilled the extraordinary demand for goods and services, both in the region and outside. Our region is most suited, indeed ready, for providing the efficiencies and reliability in the new and diversified supply chains for goods and services being sought globally,' he stated.

ERIA's Senior Policy Advisor, Anita Prakash, echoed the significance of resilient and trustworthy supply chains in the geopolitical sphere during her participation in the fifth plenary session. She highlighted India's substantial opportunity in this context, not only benefiting itself but also fostering the development of Asia and other economies in the Global South.

Bilateral Meeting Between ERIA President and CII President

On the sidelines of the summit, President Watanabe engaged in a bilateral meeting with the President of CII, R. Dinesh. During the meeting, President Watanabe expressed his appreciation to CII for extending the invitation to ERIA to participate in their flagship forum, acknowledging its significant importance in strategising the economic development of the Global South. The two leaders deliberated on reinforcing the relationship between ASEAN and India, exploring opportunities for enhanced economic cooperation between the two sides through collaboration between ERIA and CII.



Building a Sustainable Digital Economy: ERIA's E-DISC Initiatives for ASEAN–Japan Collaboration

Tokyo, 16 December 2023

ERIA in collaboration with Japan's Ministry of Economy, Trade and Industry (METI); the AEM–METI Economic and Industrial Cooperation Committee (AMEICC); and related organisations hosted 'ERIA Digital Innovation and Sustainable Economy Centre (E-DISC): Visible Initiatives for ASEAN and Japan' as part of the ASEAN–Japan Commemorative Summit for the 50th year of ASEAN–Japan Friendship and Cooperation. It featured two key focus sessions on ERIA's commitment toward a sustainable and digitally advanced future in Southeast Asia through E-DISC: dissemination of digitalisation in ASEAN and Japan, and the ASEAN–Japan Circular Economy Initiative.

'Digitalisation is progressing rapidly in ASEAN, and business styles and people's lifestyles are rapidly changing. New policies are being launched one after another to further accelerate this trend of digitalisation. Therefore, ERIA established E-DISC, in August this year to support these ASEAN initiatives,' said ERIA Chief Operating Officer (COO) Koji Hachiyama in his opening remarks.

Indonesia's Minister of Trade Dr Zulkifli Hasan; Japan's Deputy Director-General for Trade Policy, Ministry of Economy, Trade and Industry Tetsushi Yoshikawa; Deputy Secretary-General for ASEAN Economic Community Satvinder Singh, and ERIA's COO opened the event sharing the same view and goals – highlighting the urgency of decarbonising the industrial sector by focusing on cross-border trade and creating a more efficient supply chain through digitalisation. It is imperative to address resource concerns while promoting carbon neutrality and simultaneously fostering economic growth.

Dr Aladdin D. Rillo, ERIA Senior Economic Advisor, emphasised the increasing use of digital platforms for economic activities. Digitalisation across the ASEAN region continues to face gaps such as accessibility, affordability, infrastructure, policy, and regulatory frameworks. It is against this backdrop that E-DISC was established.

While the digitalisation of individual trade procedures is crucial, it is equally essential to establish a data ecosystem where companies seamlessly share data along the entire supply chain to address global challenges related to supply chains, including carbon neutrality, circular economy principles, geopolitical tensions, and natural risks.

Transitioning to a circular economy is critical for the sustainability of digitalisation. The situation surrounding electronic waste (e-waste) and used electrical and electronic equipment (UEEE) is a pressing priority issue, especially in the ASEAN–Japan context. ASEAN–Japan collaboration is expected to increase trade and investment, as well as all other beneficial integrations between the two partners, creating, through the E-DISC platform, a fundamental digital economy system and innovative business model as catalysts for economic growth and sustainable development.



ERIA Takes Part in UNCTAD's eWeek

Geneva, 8 December 2023

A delegation from ERIA led by Koji Hachiyama, ERIA's Chief Operating Officer, participated in multiple sessions throughout the 2023 eWeek organised by the United Nations Conference for Trade and Development (UNCTAD) from 4 to 8 December. ERIA serves as a partner of the UNCTAD-led initiative eTradeforAll, a global platform aimed at advancing inclusive digital economies worldwide.

COO Hachiyama took part in a high-level session, the 'eTradeforAll Leadership Roundtable: Unlocking Digital Trade for Inclusive Development'. The session commenced with an opening address by UNCTAD's Secretary General Rebeca Grynspan, emphasising the potency of digital trade and the broader digital economy for sustainable and inclusive economic development. However, she also highlighted the challenge of narrowing digital divides. The panel comprised senior representatives from the United Nations Commission on International Trade Law (UNCITRAL), the World Trade Organization (WTO), the International Labour Organization (ILO), and the International Trade Centre (ITC).

COO Hachiyama discussed the importance of digital trade and the digital economy for ASEAN and East Asia. He also introduced the new ERIA Digital Innovation and Sustainable Economy Centre (E-DISC), underscoring the substantial contribution that ASEAN and East Asian startups are making to the digital economy of the Indo-Pacific.

Dr Giulia Ajmone Marsan, ERIA's Director for Strategy and Partnership, participated in various sessions of the eWeek. She moderated the roundtable 'Cross-Border Data Flows: Harmonizing Trust Through Interoperability Mechanisms' organised by the Digital Cooperation Organisation (DCO). Speakers included representatives from the DCO, Cisco, the Datasphere Initiative, and the American College of Cardiology. Dr Ajmone Marsan also hosted a virtual session on Startup20, the G20 engagement group dedicated to innovation and startup ecosystems, where she co-chaired the Inclusion Task Force under India's Presidency in 2023.



ERIA Receives IGO Observer Status from UNEA: Advancing Global Environmental Participation

Jakarta, 6 December 2023

ERIA has received official accreditation as an intergovernmental organisation (IGO) by the United Nations Environment Programme (UNEP) to the United Nations Environment Assembly (UNEA), effective as of 4 December 2023. This milestone represents international recognition of ERIA's contributions in promoting environmental sustainability.

This recognition grants ERIA the status of an observer within UNEA and its subsidiary organs, allowing participation in public meetings, discussions, and deliberations, albeit without voting rights. 'We are honoured by this significant recognition from UNEP, affirming our dedication to fostering environmental sustainability in the ASEAN and East Asia regions. ERIA is committed to actively contributing as an observer within UNEA to further discussions and collaborations towards addressing pressing environmental challenges,' said Tetsuya Watanabe, President of ERIA.

This accreditation comes shortly after ERIA's [Regional Knowledge Centre for Marine Plastic Debris](#), in coordination with the Indonesian government and the Indonesia National Plastic Action Partnership (NPAP), organised the ASEAN Conference on Combatting Plastic Pollution (ACPP) 2023 in October. The event served as a platform for policymakers, the private sector, and civil society from ASEAN Member States to exchange strategies in addressing plastic pollution. Additionally, it facilitated discussions on strengthening ASEAN's role in supporting these efforts, including preparations for implementing the international legally binding instrument to end plastic pollution.

For further details on the roles and list of IGO observers recognised by the United Nations Environment Assembly, please visit [this site](#).



DEFA Negotiating Committee Welcomes E-DISC Support

Jakarta, 2 December 2023

ERIA hosted the ASEAN–ERIA DEFA Roundtable at the ERIA Digital Innovation and Sustainable Economy Centre (E-DISC), on the sidelines of the 1st ASEAN Digital Economy Framework Agreement (DEFA) Negotiating Committee meeting. The Roundtable saw deliberations on collaborative efforts and potential ERIA support for the DEFA negotiations on a range of issues, including digital trade, data governance, cybersecurity and digital inclusion. Participants included the DEFA Negotiating Committee, ERIA experts, and representatives from the ASEAN Secretariat.

Koji Hachiyama, ERIA Chief Operating Officer, underscored the collaborative ethos in his welcoming remarks, expressing the readiness of E-DISC as a knowledge partner in providing research and analytical and capacity building support both at the regional and national level, including country-specific approaches.

In-depth understanding of the implications of the DEFA core provisions as well as of emerging issues are critical to ensure a forward-looking and ambitious DEFA, whilst taking into account the differing levels of digital readiness of ASEAN Member States. ERIA also took the opportunity to share progress and outcomes of a series of studies it has undertaken on the digital economy, data governance and other digital integration efforts in ASEAN and East Asia.

On behalf of the ASEAN DEFA Negotiating Committee, Prewprae Chumrum, the committee chair, affirmed the steadfast commitment of ASEAN to conclude the DEFA within the set timeline. She also expressed her appreciation for ERIA's proactive engagement and looked forward to continued engagement in the future.

DEFA negotiations were launched at the 23rd ASEAN Economic Council (AEC) Meeting in September and completion is targeted by the end of 2025, based on the endorsed Framework for Negotiating the ASEAN DEFA. DEFA is expected to set the foundation for doubling the potential value of the ASEAN digital economy from \$1 trillion to \$2 trillion in 2030, according to a DEFA study conducted by the Boston Consulting Group (BCG)^[1]. Once concluded, the legally binding DEFA will be the world's first region-wide digital economy agreement.

[1] Boston Consulting Group (2023). Study on the ASEAN Digital Economy Framework Agreement.



ERIA President Presents 'Viet Nam 2045' Publication to President of Viet Nam and Prime Minister of Japan

Tokyo, 27 November 2023

During the Japan–Viet Nam Summit Meeting, Tetsuya Watanabe, President of ERIA, presented a publication titled '[Viet Nam 2045: Development Issues and Challenges](#),' to President Thuong of Viet Nam and Prime Minister Fumio Kishida of Japan. The exchange took place in the Prime Minister's office in Tokyo, Japan, on 27 November 2023. This Summit coincided with President Thuong's official visit to Japan on the occasion of the 50th anniversary of diplomatic relations between Japan and Viet Nam.

The Viet Nam 2045 Project, an ERIA initiative, pays tribute to the enduring diplomatic ties between Japan and Viet Nam since 1973. This project focused on providing strategic policy recommendations to guide Viet Nam in overcoming challenges on its path to becoming a high-income country within the next 2 decades. Additionally, it aimed to outline a future vision for strengthening cooperation between Japan and Viet Nam.

The publication was welcomed in the Joint Statement on the Elevation of the Japan–Viet Nam Relations to the Comprehensive Strategic Partnership for Peace and Prosperity in Asia and the World.

The two leaders concurred in continuing strengthening economic linkages between the two countries and affirmed the importance of cooperation to ensure economic security. Japan reaffirmed to continue supporting Viet Nam's development of an independent and self-reliant economy that deeply engages in international integration, and Viet Nam's industrialisation and modernisation with the goal of becoming a developed country by 2045. As an example of such efforts, the two leaders welcomed that ERIA has submitted a policy proposal 'Viet Nam 2045' to both leaders as a reference for formulating policy toward industrialisation and modernisation of Viet Nam. President Thuong spoke highly of Prime Minister Kishida's new economic package on the cycle of growth and fair distribution.

The handover of this extensive publication underscores Japan and Viet Nam's commitment to mutual cooperation and socio-economic progress, with ERIA playing a significant role in providing strategic policy recommendations. As both nations aim for enhanced economic prosperity, the insights garnered from the Viet Nam 2045 Project are set to guide impactful policies, shaping a promising future for their enduring partnership.



RIN Annual Meeting Discusses Digital Transformation as Catalyst for Resilient and Sustainable Economy

Chiba, 23 November 2023

The Research Institute Network (RIN) annual meeting, organised by ERIA in cooperation with the Institute of Developing Economies–Japan External Trade Organisation (IDE–JETRO), was held in Chiba, Japan on 23 November. It was attended by 12 RIN members and two proxies. This year’s primary topic for discussion was transformation as a catalyst for result density and a sustainable economy amid geopolitical uncertainty.

Mayumi Murayama, Acting RIN Chairperson and IDE–JETRO Executive Vice President, moderated the meeting. It was opened by remarks from Professor Kyoji Fukao, IDE–JETRO President, who highlighted how the organisation played a significant role in the founding of ERIA and the launching of RIN, especially as this year’s meeting was held in Japan for the first time.

Murayama introduced three new attendees to the meeting: Christopher Nixon, Principal Economist of the New Zealand Institute of Economic Research (NZIER); Dr Yeo Lay Hwee, Senior Fellow of the Singapore Institute of International Affairs (SIIA); and Professor Tamat Sarmidi, Deputy Director of Institute of Malaysian and International Studies (IKMAS).

Atsuke Kawada, President of the Bangkok Research Centre, JETRO Bangkok/IDE–JETRO, presented a report on RIN activities from the Secretariat. This was followed by a presentation by Dr Yose Rizal Damuri, Executive Director of the Centre for Strategic and International Studies (CSIS) on Indonesia’s ASEAN Chairmanship, and then Professor Sachin Chaturvedi, Director General of Research and Information System for Developing Countries (RIS) on the G/T20 Presidency in India.

ERIA President Tetsuya Watanabe also expressed gratitude for the opportunity to participate and commended the strength of the RIN network as valuable partners to ASEAN and East Asia. He acknowledged his involvement in the initial establishment of RIN and ERIA, working alongside Professor Hidetoshi Nishimura, Supreme Advisor to the President of ERIA; and Professor Fukunari Kimura, ERIA Chief Economist, and commended IDE–JETRO for its instrumental role.

The meeting covered three sessions. The first, on digital and innovation, was chaired by Prof. Kimura, and Koji Hachiyama, ERIA Chief Operating Officer; Dr Wan Seok Chang, ERIA Economist; and Dr Lurong Chen, ERIA Senior Economist. The second session on

sustainable economy and climate-related trade and investment was chaired by Dr Aniceto C Orbeta Jr, President of the Philippine Institute for Development Studies (PIDS); Dr Yasushi Ueki, Senior Researcher of Development Studies Centre, ERIA Support Office of IDE–JETRO; and Nguyen Anh Duong, Director of the Department for General Economic Studies at the Central Institute for Economic Management (CIEM). Latdavanh Songvilay, Director General of Macroeconomic Research Institute of the Lao Academy of Social and Economic Sciences (LASES); Souknilanh Keola, IDE–JETRO Senior Research Fellow of the Development Studies Centre; and Dr Rashesh Shrestha, ERIA Economist then made presentations in the third session on Laos' chairmanship of ASEAN 2024, which was moderated by Salvador Buban, ERIA Senior Policy Fellow.

During the discussion, Professor Shujiro Urata, Senior Research Advisor to the President of ERIA, explained how globalisation, trade, investment, tax systems, and digitalisation could contribute to gaps in the drivers of development. He added that while digital access and skills are currently classified under developing outcomes, these aspects could potentially contribute to the widening gaps, suggesting digitalisation could be a significant factor in increasing disparities within ASEAN.



ERIA President Addresses ASEAN–Japan 50th Anniversary Symposium on Sustainable Agriculture and Innovation

Jakarta, 21 November 2023

ERIA facilitated the organisation of the ASEAN–Japan Friendship and Cooperation 50th Anniversary Symposium titled 'Promoting Resilient and Sustainable Agriculture and Food System through Innovation: ASEAN's Initiatives and Japan's Contribution.' The symposium, co-hosted by the ASEAN Secretariat and the Ministry of Agriculture, Forestry, and Fisheries of Japan, took place at the ASEAN Secretariat in Jakarta.

The symposium aimed to facilitate the mutual sharing of recent policy initiatives, knowledge, and technologies on building resilient and sustainable agriculture and food systems to ensure food security in the region.

During the opening session, President Watanabe delivered welcoming remarks. Following that, Satvinder Singh, Deputy Secretary-General of ASEAN for the ASEAN Economic Community; Ryosuke Ogawa, Vice-Minister for International Affairs at the Ministry of Agriculture, Forestry, and Fisheries (MAFF), Japan; and Masahiko Kiya, Ambassador of the Mission of Japan to ASEAN, delivered speeches expressing their congratulations on the event and their expectations for cooperation between ASEAN and Japan.

In his address, President Watanabe emphasised ERIA's active support for the implementation of the ASEAN Regional Guidelines on Sustainable Agriculture. He also highlighted the significance of ERIA's initiative, the 'ERIA Digital Innovation and Sustainable Economy Centre (E-DISC)', stressing its pivotal role as a platform for multi-stakeholder engagement including farmers and agribusinesses, and functioning as a hub for human resource development.

DSG Satvinder Singh highlighted the implementation of the ASEAN Regional Guidelines on Sustainable Agriculture, the development of practical action plans on sustainable agriculture, the carbon neutrality, the carbon market, and the reduction of harmful agrochemical inputs. He encouraged AMS, ASEAN Development Partners, and the private sector to collaborate in developing agricultural sustainability across the region. ERIA reaffirmed its commitment to the sustainable development of the food and agriculture sector through its research and other activities.



Advancing Connectivity toward ASEAN's Epicentrum of Growth

Jakarta, 8 November 2023

Indonesia hosted the 14th ASEAN Connectivity Symposium in Jakarta, under the theme Promoting Connectivity toward ASEAN as an Epicentrum of Growth, in collaboration with ERIA and the ASEAN Secretariat. This year's symposium brought together over 165 participants from ASEAN and its partners, and a broad range of stakeholders.

The Coordinating Minister for Economic Affairs, Republic of Indonesia, Airlangga Hartarto opened the Symposium with a keynote address where he outlined the connectivity-related issues tackled under Indonesia's ASEAN chairmanship this year including in the areas of electric vehicles, digitalisation, green energy development, local currency transactions, food supply chain resilience and sustainability, and realising the ASEAN Outlook on the Indo-Pacific. He particularly underscored the need to focus on digital transformation, implementing local currency transactions, and developing an electric vehicle ecosystem in ASEAN as important areas to focus on now as well as in the post-2025 connectivity agenda.

President of ERIA Tetsuya Watanabe, also addressed the Symposium where he underscored that the post-2025 objective should be to position ASEAN as a central hub, not only for growth but also for innovation and opportunity and that the post-2025 vision must step in to consolidate and further enhance regional connectivity through sound strategies and measures that translate the vision into reality.

The symposium facilitated discussions among distinguished panellists representing governments, industry players, and think tanks. Panellists shared perspectives across three sessions with topics covering digital innovation, the post-2025 vision for ASEAN connectivity, and supply chain resilience.

The ASEAN Connectivity Symposium is an annual flagship event inaugurated in 2010, and it continues to serve as a platform to engage stakeholders to identify potential areas of cooperation to enhance the implementation of MPAC 2025 and the wider ASEAN Connectivity agenda.



ERIA Presentation on Enhancing Supply Chain Resilience to G7 Trade Ministers and Outreach Partners

Osaka, 28 October 2023

ERIA gave a presentation at the G7 Trade Ministers Meeting in Osaka-Sakai, alongside the World Trade Organisation (WTO) and Organisation for Economic Co-operation and Development (OECD). The three organisations were invited to the Outreach Session to speak on supply chain resilience, especially from the perspective of developing Asia, a region ERIA has been steadfastly supporting.

ERIA's President Tetsuya Watanabe spoke of how the five G7 principles for resilient supply chains (transparency, diversification, security, sustainability, and trustworthiness and reliability) are vital not only for G7 nations but also for the global south, including developing Asia. He highlighted the pivotal role trustworthiness and reliability have played in the remarkable growth of ASEAN, despite the slowing global economy. He also said ERIA, representing developing Asia, the most dynamic and innovative epicentre of global growth, aims to bridge the gap between the G7 and the Global South by offering evidence-based policy analysis, and collaborating with policymakers and business leaders.

Drawing attention to ASEAN's significance in the global supply chain, he presented ERIA's report on ASEAN's resilience in international production networks. He said escalating global geopolitical tensions pose a threat not only to advanced countries, but also to the development of growing Asia. Critical minerals, essential for achieving net-zero goals, are also vulnerable to geopolitical risks and potential export restrictions, and so ERIA is undertaking a study on the supply chains of critical minerals in ASEAN and developing Asia.

WTO Secretary General Ngozi Okonjo-Iweala also commended the G7 principles and said the global trading system is too vulnerable, as evidenced by the COVID-19 pandemic and the war in Ukraine. She also emphasised that marginalised economies should be key priorities, as they provide exports for many key products, including critical minerals. Therefore, the G7 must expand developing countries' participation in the global supply chain. OECD Secretary General Mathias Cormann also said trust and shared values are key principles in economic integration.

The meeting was attended by all G7 Trade Ministers; plus international organisations (WTO, OECD and ERIA); outreach countries (Australia, Chile, India, Indonesia, and Kenya); and members of the private sector including Keidenren, Canpotex, Siemens Energy (European Union), Suzuki Motor Corporation, the Japan Organization for Metals and Energy Security, Rio Tinto, and Coherent Corp.



ERIA and Indonesian Finance Ministry Co-host Seminar and Book Launch on National Strategic Projects

Jakarta, 27 October 2023

The Indonesian Ministry of Finance (MOF), in collaboration with ERIA, hosted a national seminar and soft two-volume book launch on the nation's National Strategic Projects (PSN), under the theme Infrastructure for Inclusive Economic Development in Indonesia. ERIA President Tetsuya Watanabe, Minister of Finance (MOF) Sri Mulyani Indrawati, Coordinating Minister of Economic Affairs (CMEA) Airlangga Hartarto, and Secretary General of the Ministry of Public Works and Public Housing (MPWH) M Zainal Fatah all spoke at the event.

Watanabe delivered the opening speech, highlighting the comprehensive analysis provided in the book's two volumes regarding Indonesia's infrastructure development. He emphasised the critical role infrastructure plays in advancing key programmes outlined

in President Joko Widodo's Nawacita nine key points' development agenda. He also underscored how infrastructure's growing significance extends to global issues, encompassing digital, climate-resilient, and artificial intelligence infrastructure.

ERIA, as a major think tank in the region, is eager to work with Indonesia and other ASEAN Member States on infrastructure research and capacity building. The two volumes, produced in collaboration between ERIA and the MOF, provide useful insights into strategic management to maximise budget efficiency and achieve socioeconomic goals, which are a great lesson for growing economies in Southeast Asia and other countries.

Following the launch, Airlangga Hartarto spoke on Debottlenecking Development, while Sri Mulyani Indrawati discussed innovative funding for infrastructure development and emphasised the necessity of public-private partnerships. M Zainal Fatah highlighted MPWH's strategic expertise as a significant player in the development of the PSN.

'[Infrastructure for Inclusive Economic Development Vol.1: Lessons Learnt from Indonesia](#)', was co-edited by Sri Mulyani Indrawati, Titik Anas, Candra Fajri Ananda, and ERIA's Senior Economist Fauziah Zen. The second volume, '[Infrastructure for Inclusive Economic Development Vol.2: Case Studies of Accelerated Projects](#)', was co-edited by Kiki Verico, Heru Wibowo, and M Halley Yudhistira.

The two volumes were a collaborative effort also involving other key stakeholders in Indonesia's infrastructure policy, including the Coordinating Ministry of Economic Affairs, the Ministry of Public Works and Housing, the Infrastructure Development Acceleration Committee, and the State Asset Management Agency.



A United ASEAN Against Plastic Pollution

Jakarta, 17 October 2023

The ASEAN Conference on Combatting Plastic Pollution (ACPP) 2023 was hosted by the Indonesian government in collaboration with ERIA and the Indonesia National Plastic Action Partnership (NPAP), among other partners and contributors, with much enthusiasm and success in Jakarta, Indonesia.

Approximately 300 participants representing the governments of ASEAN Member States (AMS) as well as other countries, the private sector, civil society organisations, academia, and media convened at the Shangri-La hotel to attend the event. It was organised to create a platform for participants to share knowledge and experience, explore potential efforts, and contribute to formulating recommendations for tackling the issue of plastic pollution in the ASEAN region. The full-day event unfolded with a series of plenary and breakout sessions, discussing topics ranging from enabling conditions to sustainable financing to address plastic pollution.

Tetsuya Watanabe, President of ERIA, gave the opening address to launch the event. He said one of the challenges to tackling plastic waste pollution in the ASEAN region is the presence of data gaps. To address this, ERIA is collaborating with the Organisation for Economic Cooperation and Development (OECD) and the Institute for Global Environmental Studies (IGES) to compile the latest information on plastic production, usage, and waste generation in each AMS in a Regional Plastics Outlook, which is expected to be completed by late 2024.

The event invited participants to view plastic pollution not just through the environmental lens, but also through legal and economic perspectives to complement existing efforts. A common theme discussed throughout the event was the importance of addressing the issue throughout plastic's circular lifecycle, instead of just dealing with it as a waste management problem.



ERIA President Speaks at 45th Meeting of ASEAN Ministers on Agriculture and Forestry

Kuala Lumpur, 4 October 2023

Tetsuya Watanabe, President of the Economic Research Institute for ASEAN and South Asia (ERIA), led an ERIA delegation at the 45th Meeting of ASEAN Ministers on Agriculture and Forestry (AMAF) and related meetings. Speaking at the 45th AMAF Meeting, Watanabe outlined ERIA's ongoing and planned research projects to make agri-food systems in ASEAN more resilient and sustainable, to address the multitude challenges of the agriculture sector, including worsening climate change and escalating geopolitical tensions. He introduced the findings of ERIA's ongoing study on sustainable agriculture, including the limited dissemination of digital technologies in ASEAN's agri-food systems, and the large gap among countries in the diffusion of emerging innovative technologies.

Following the AMAF meeting, Watanabe participated in the ASEAN Japan Ministers of Agriculture and Forestry (AJMAF) meeting. In his speech, Prof. Watanabe shared the concept of the Symposium for Promoting Resilient and Sustainable Agriculture and Food Systems through Innovation: ASEAN's Initiatives and Japan's Contribution. This ASEAN–Japan friendship and cooperation 50th anniversary symposium aims to facilitate the mutual exchange of recent policy initiatives, knowledge and technologies on resilient and sustainable agriculture and food systems toward securing food security in the region.

In a break between meetings, Watanabe exchanged views on food security, sustainable agriculture, digital transformation in agriculture, and the possibility of future collaboration with AMAF Leaders. In a bilateral meeting with Chan Foong Hin, Malaysia's Deputy Minister of Agriculture and Food Security, Prof. Watanabe expressed his willingness to collaborate even closer with the Malaysian Ministry of Agriculture, by conducting research related to food security and sustainable agriculture.

ERIA remains committed to addressing the challenges in achieving sustainable and resilient agriculture and food security in the ASEAN region through its ongoing research and other activities.

ERIA is mentioned in the Joint Press Statement of the 45th AMAF and AJMAF:

The Joint Press Statement of the 45th AMAF

The Joint Press Statement of AJMAF



ERIA President Addresses 5th International Conference on Carbon Recycling

Hiroshima, 27 September 2023

The 5th International Conference on Carbon Recycling 2023, co-organised by Japan's Ministry of Economy, Trade, and Industry (METI) and the New Energy and Industrial Technology Development organisation (NEDO), was held at the Hilton Hiroshima hotel, Japan. Tetsuya Watanabe, President of the ERIA, delivered remarks during the opening session, along with other distinguished speakers from METI Parliamentary Vice-Minister of Economy, Trade and Industry; Deputy Assistant Secretary of Office of Fossil Energy and Carbon Management (FECM) at the US Department of Energy (DOE); and Chairperson of Japan's Carbon Recycling Fund Institute (CRF).

During his speech, Watanabe emphasised the significance of exploring all available technological options to pursue various pathways towards carbon neutrality, particularly within ASEAN and East Asia. He concluded his remarks by underscoring the importance of carbon capture and storage (CCS) and utilisation, highlighting that carbon recycling is a pivotal technology that not only reduces emissions but also enhances economic value.

The panel discussion sessions also benefited from the attendance of experts from governments, companies, academia, international organisations, and research organisations dedicated to the implementation and development of carbon recycling technologies. The conference also held a poster session which showcased innovations from attending institutions highlighting their cutting-edge carbon recycling technologies.



ERIA Recognised in Official Statements of ASEAN Summits, East Asia Summits, and Related Summits

Jakarta, 7 September 2023

The Economic Research Institute for ASEAN and East Asia (ERIA) has earned recognition in the statements issued during this year's key gatherings, including the ASEAN Summit, East Asia Summit (EAS), and affiliated meetings. Most notably, ERIA's contributions were acknowledged during the 43rd ASEAN Summit and Related Summits, held in Jakarta from 2 to 7 September 2023. This event convened leaders and delegates from ASEAN Member States and dialogue partners, facilitating discussions and collaboration on a wide spectrum of regional and global issues encompassing economic cooperation, security, and diplomatic relations. Serving as a platform for constructive dialogue and strategic decision-making, the summit played a pivotal role in addressing pressing challenges and nurturing regional cooperation in Southeast Asia.

- Joint Media Statement of the 26th Meeting of ASEAN Tourism Ministers, 4 February 2023
- Joint Statement of the Asia Zero Emission Community Ministerial Meeting, 4 March 2023
- Ministerial Declaration of the G7 Digital and Tech Ministers' Meeting 30 April 2023
- Chairman's Statement of the 42nd ASEAN Summit, 10–11 May 2023
- Chairman's Statement of the 24th ASEAN Plus Three Foreign Ministers' Meeting, 13 July 2023
- Chairman's Statement from the ASEAN Post Ministerial Conference (PMC) 10+1 Sessions with the Dialogue Partners and Trilateral Meetings, 13–14 July 2023
- Joint Media Statement of the 55th ASEAN Economic Ministers' (AEM) Meeting, 19 August 2023
- Chair's statement of the 11th EAS Economic Ministers' Meeting, 21 August 2023
- Joint Media Statement of the 29th AEM–METI Consultation, 22 August 2023
- Joint Media Statement of the 26th AEM Plus Three Consultation, 22 August 2023
- Joint Ministerial Statement of the 41st ASEAN Ministers on Energy Meeting, 24 August 2023
- Chairman's Statement on the 17th East Asia Summit Energy Ministers Meeting, 25 August 2023
- ASEAN Leaders' Declaration on Strengthening Food Security and Nutrition in Response to Crises
- Chairman's Statement of the 43rd ASEAN Summit, 5–6 September 2023
- Chairman's Statement of the 26th ASEAN–Japan Summit
- Chairman's Statement of the 20th ASEAN–India Summit
- Chairman's Statement of the 26th ASEAN Plus Three Summit
- ERIA Cited in Chairman's Statement of the 3rd ASEAN–Australia Summit



ASEAN Paves Way for Epicentrum of Growth in Indo-Pacific: ERIA President Highlights Indonesia's Innovative Leapfrog

Jakarta, 5 September 2023

Indonesia's President Joko Widodo inaugurated the ASEAN Indo-Pacific Forum, a flagship event for the nation's Chairmanship of ASEAN 2023, organised by the Ministry of Foreign Affairs and ERIA as a content partner. ERIA participated in the Plenary Session on the General Outlook from the Region, which brought together key global leaders, including ERIA President Tetsuya Watanabe, World Economic Forum (WEF) Chair Klaus Schwab, World Bank President Ajay Banga, International Monetary Fund (IMF) Managing Director Kristalina Georgieva, and former Indonesian Minister of Finance Chatib Basri, who served as the moderator.

Watanabe shared insights on Indonesia's remarkable advancements in governance, particularly in health and education. He commended the nation's 'leapfrogging' in these sectors, attributing the success to Minister of Health Budi Gunadi Sadikin's innovative approach in enhancing healthcare services through accelerator programmes, catalysed by the challenges posed by the COVID-19 pandemic.

He added that ERIA collaborates closely with ASEAN partners to support vital initiatives addressing regional challenges. ERIA's activities cover a wide range of policy issues, supply chains, trade and investment, innovation, the digital economy, the start-up ecosystem, the climate and environment, energy transition, and healthcare.

Mr. Watanabe also spoke of the recent launch of the ERIA Digital Innovation and Sustainable Economy Centre (E-DISC), focusing on driving innovation, entrepreneurship, and building the ASEAN Start-up Ecosystem. The centre serves as a public-private policy platform, engaging stakeholders from policymakers and business leaders to entrepreneurs, investors, and civil society. It identifies key policy issues for digital innovation and sustainable growth, bolstering ASEAN's role in the global economy.

The ASEAN Indo-Pacific Forum, held 5–6 September 2023, brought together government and private sector leaders, international financial institutions, and international organisations. It included leader talks, panel discussions, talk shows, industry showcases, and business matching.

As the ASEAN region continues to innovate and adapt, the ASEAN Indo-Pacific Forum is poised to be a catalyst for progress, laying the groundwork for a dynamic and prosperous future in the Indo-Pacific region.



ERIA President Outlines ASEAN's Digital Future at ASEAN Business and Investment Summit

Jakarta, 3 September 2023

The ASEAN region, amidst global challenges, stands resilient, and its future growth is poised to be driven by digitalisation, according to Tetsuya Watanabe, President of ERIA. Speaking at the ASEAN Business Investment Summit's Policy Session on 'The Future of ASEAN in a Shifting Global Trade Order,' he highlighted the role of technology in shaping ASEAN's economic integration and the challenges that must be addressed to harness its full potential.

He emphasised that digitalisation is reshaping the business landscape and how societies interact. The digital economy is expected to significantly contribute to ASEAN's future growth by deepening economic integration within the region. However, this transformation also poses challenges such as data privacy, cybersecurity, governance of emerging technologies, and

He added that the inclusion of strong trade facilitation commitments, including provisions on e-commerce, in the ASEAN-led Regional Comprehensive Economic Partnership agreement, shows the region's ability and readiness to work together to leverage technology for enhanced integration. 'I am happy to announce that ERIA has recently established the Digital Innovation and Sustainability Centre or E-DISC. The Centre's goal is to foster public-private dialogue, catalyse regional open innovation, nurture technologically savvy talent, such as startups and entrepreneurs, and provide practical policy recommendations that incorporate the perspectives of the private sector. We invite everyone, especially the members of the ASEAN-BAC, to collaborate with ERIA on the digital future and transformation of ASEAN,' he said.



ERIA and ASEAN-BAC Sign MoU to Boost ASEAN Economic Integration

Jakarta, 3 September 2023

ERIA and the ASEAN Business Advisory Council (ASEAN-BAC) signed a Memorandum of Understanding (MoU) during the ASEAN Business and Investment Summit held in Jakarta on 3 September 2023. President Tetsuya Watanabe represented ERIA, while Arsjad Rasjid, Chairman of the Indonesian Chamber of Commerce and Industry and ASEAN-BAC, represented the ASEAN-BAC.

This MoU marks a significant milestone in the ongoing partnership and collaboration between the two entities. The partnership aims to promote regional economic integration, mutual growth, and healthy business competition within ASEAN. It will address trade and investment facilitation, digital innovation, sustainable economic development, and transition to sustainable energy solutions.

ASEAN-BAC, established by ASEAN Heads of State in 2001, plays a pivotal role in policy formulation and legacy programmes designed to bolster regional economic integration. In the context of this partnership, ASEAN-BAC will provide strategic policy guidance, share valuable knowledge, coordinate with ERIA in formulating and implementing programmes on trade and investment, and lend support to ERIA's research endeavours when it is feasible. In turn, ERIA will contribute its research expertise, assist in formulating policy recommendations, and engage in advocacy efforts.

This strategic collaboration signifies a major step towards strengthening ASEAN's position on the global economic stage and fostering regional prosperity.



ERIA Presents Key Insights to 10th ASEAN Finance Ministers and Central Bank Governors Meeting

Jakarta, 25 August 2023

ERIA briefed the 10th ASEAN Finance Ministers and Central Bank Governors Meeting (AFMGM) 2023 held in Jakarta on the regional economic outlook and its challenges, together with the Asian Development Bank (ADB) and the ASEAN+3 Macroeconomic Research Office (AMRO).

ERIA President Tetsuya Watanabe presented ERIA's analysis *Strengthening Supply Chain Resilience to Address Economic Fragmentation: An ASEAN Perspective*, to shed light on the crucial issue of supply chain resilience within ASEAN and offer practical suggestions.

He said geopolitical risk and rising geo-economic fragmentation provide an opportunity for ASEAN countries to re-think their global value chain (GVC) strategies by accelerating existing digitalisation, as digitalised supply chains are easier to monitor and increase the ability to respond to future shocks. He also said there is no return to 'business as usual' practices, so ASEAN must step up efforts to not only build stronger and smarter supply networks, but also balance resilience, sustainability, and efficiency in production.

He concluded by recommending steps to ensure ASEAN's economic resilience, including enhancing trade facilitation, cultivating an investment-friendly environment, promoting regulatory openness, and strengthening financial systems.

The reception to ERIA's presentation was warm, with several ASEAN finance ministers and central bank governors expressing agreement. Brunei Darussalam's Minister of Finance Amin Liew bin Abdullah supported the notion of accelerating free trade agreements through measures such as standards harmonisation, non-tariff measures, and to fully implement the Regional Comprehensive Economic Partnership (RCEP).



ERIA Launches Digital Innovation and Sustainable Economy Centre (DISC) to Drive ASEAN's Technological and Economic Future

Jakarta, 24 August 2023

ERIA proudly announced the launch of the Digital Innovation and Sustainable Economy Centre (DISC), a visionary initiative poised to shape the future of ASEAN and East Asia through digital innovation and sustainable economic growth.

The region is undergoing a transformative shift, as digital technologies revolutionise traditional business paradigms, propelling industries beyond incremental progress to disruptive innovation. DISC embodies this digital renaissance, uniting the brightest minds in technology, innovation, and sustainability to forge solutions that will drive the regional economy forward.

Co-hosted by the Coordinating Ministry for Economic Affairs, Republic of Indonesia, Minister Airlangga Hartarto delivered the keynote address. 'Indonesia and ASEAN eagerly anticipate the forthcoming inauguration of the Digital Innovation and Sustainable Economy Centre (DISC) which will serve as a virtual and physical platform for policymakers, businesses, and academic professionals to transform the economy to digitally driven sustainable growth across the region.'

'The launch of DISC marks a pivotal juncture in ASEAN's journey towards a digitally empowered future,' stated Prof. Tetsuya Watanabe, President of ERIA. 'We are committed to fostering collaboration and innovation that will pave the way for a prosperous and sustainable ASEAN.'

Our priorities are:

1. **DIGITAL TRADE:** using technology to bolster digital goods and services, Global Value Chains, and e-commerce
2. **DATA GOVERNANCE:** developing unified rules and cybersecurity measures
3. **INNOVATION AND ENTREPRENEURSHIP:** empowering small and inclusive businesses and startups through technology and innovation

At the heart of DISC's mission lies a commitment to catalyse digital innovation and foster a sustainable economy across ASEAN and East Asia. 'Enhancing digital innovations can lead to dematerialisation, decarbonisation, and bring more equity. But to ensure digitalisation drives a sustainability transformation, ASEAN Member States need to work on governing principles and new forms of Private–Public Partnerships' stated Dr Anbumozhi Venkatachalam, ERIA Director of Research Strategy and Innovation. 'DISC serves as platform for change to help the region on the two transformation journeys in a synergistic way.'

By facilitating collaboration, knowledge sharing, and transformative initiatives, DISC empowers businesses, policymakers, academics, and organisations to harness the power of digital technologies for sustainable economic growth, social development, and environmental stewardship. Dr Lili Yan Ing, ERIA's Lead Advisor for the Southeast Asia Region, put it this way: 'We've progressed too far to overlook two critical issues in development: climate change and inequality'. Digitalisation is one way to solve those two issues, if we manage the development of digitalisation and resources well.'

DISC operates under four pivotal goals:

1. Foster Public–Private Dialogue
2. Catalyse Regional Open Innovation
3. Nurture Technologically-Savvy Talent
4. Provide Practical Policy Proposals

The launch of DISC represents a landmark moment in the region's digital evolution. By combining digital innovation with sustainable economic strategies, DISC is poised to accelerate ASEAN's integration into the global digital landscape.



ERIA Participates in 18th ASEAN+3 Environment Ministers Meeting and ASEAN–Japan Ministerial Dialogue on Environmental Cooperation

Vientiane, 24 August 2023

Koji Hachiyama, Chief Operating Officer of ERIA, gave a presentation at the 18th ASEAN Plus Three Environment Ministers' Meeting (EMM) and ASEAN–Japan Ministerial Dialogue on Environmental Cooperation (AJMDEC) on 24 August 2023.

Hachiyama spoke of how the mission of the Regional Knowledge Centre for Marine Plastic Debris aligns perfectly with the ASEAN Regional Action Plan for Combating Marine Debris in the ASEAN Member States (2021–2035), and that ERIA is committed to supporting the strategies set forth by the Regional Action Plan.

At the EMM, Hachiyama highlighted three ERIA activities focusing on the ASEAN+3 region:

1. ERIA initiated the project to develop a Regional Plastics Outlook focusing on the ASEAN+3 region, in partnership with the Organisation for Economic Co-operation and Development (OECD) and the Institute for Global Environment Strategies (IGES).
2. ERIA started the Pilot Project of Floating and Drifted Marine Plastics in Mangrove Areas in Indonesia.
3. ERIA is also conducting the Bioindicator Development for Marine Litter in the ASEAN Region project.

At the AJMDEC, Hachiyama introduced three more ERIA activities focusing on the ASEAN region:

1. ERIA's Private Sector Platform highlights the efforts already undertaken by private companies to reduce plastic waste.
2. ERIA has been selected as one of the 3RproMar Knowledge Partners for Marine Litter Prevention in ASEAN.
3. Since the end of 2021, ERIA has been steering the Experts Working Group (EWG) on Marine Plastic Debris. This EWG covers a wide range of marine plastic debris issues, including: a plastic value chain study and gap analysis, expertise mapping and database development, a plastic leakage study, and monitoring indicator development.

A number of environment ministers from ASEAN Member States (AMS) have welcomed the progress of the implementation of marine-debris related projects and initiatives, but at the same time expressed concern about the rapid increase of marine plastic pollution in the region. The ministers said their commitment to implement the ASEAN Regional Action Plan on Combating Marine Debris should be reaffirmed by the meetings. Siti Nurbaya Bakar, Indonesia's Minister of Environment and Forestry, said it was necessary to establish a venue for ASEAN Member States to discuss marine plastic pollution.



Sustainable Energy Financing and Mobilisation of Energy Investment and Advancing CCUS Implementation for Energy Security in ASEAN

Bali, 23 August 2023

ERIA is delighted to announce the coordination of two essential side events during the ASEAN Energy Business Forum (AEBF) 2023. Supported by the ASEAN Centre for Energy (ACE) and hosted by the Ministry of Energy and Mineral Resources of Indonesia, the first event is centred on 'Sustainable Energy Financing and Mobilization of Energy Investments,' and the second event is on 'Advancing CCUS Implementation for Energy Security in ASEAN.'

Key messages from the event of 'Sustainable Energy Financing and Mobilisation of Energy Investment in ASEAN':

1. ASEAN strives to ensure energy security and achieve the Nationally Determined Contributions (NDCs) outlined in the Paris Agreement
2. From the outset, and among many other important issues to address for carbon neutrality and net-zero emissions, appropriate financing energy transitions and choosing the right technologies will help countries to find pathways to reach net-zero emissions by 2050 or beyond depending on each countries' circumstance.
3. Securing investment for financing energy infrastructure that is sufficient to support the transition from the current heavy reliance on fossil fuel towards a future cleaner and more resilient energy system is a great challenge of our time.
4. As the COVID pandemic is over and most economies have started to recover, rebound energy demand has put more pressure on how to secure the appropriate energy supply.
5. Seeking multiple pathways towards carbon neutrality is key for the ASEAN region. ERIA has released 'The Technology List and Perspectives for Transition Finance in Asia (TLPTFA)' which aims to support smooth energy transitions in developing Asia with realistic approaches that can facilitate many countries in Asia to embark on pathways to carbon neutrality.

6. ERIA has classified three stages of technology development to support the shift to net-zero as follows:

- Early decarbonisation transition technologies:
- Partial emissions reduction transition technologies:
- Deep decarbonisation transition technologies.

7. Fast-tracking energy finance for the energy transition is critical to ensure that countries can secure enough funds to finance their energy transformation.

Key messages from the event 'Advancing CCUS Implementation for Energy Security in ASEAN':

1. There is no silver bullet for saving our future planet from global warming, and to prevent atmosphere temperature rising to 1,5 degrees centigrade from the pre-industrial period.
2. Globally, we witnessed a significant increase of CCS projects in 2022 – almost doubling from 2021.
3. ASEAN has great potential for successful deployment of CCUS.
4. A recent survey found that existing regulations may be suitable as a base for a regulatory framework governing CCUS operation.
5. Although ASEAN is home to strong fundamental factors for successful deployment of CCS, a lot of homework needs to be done to make CCUS an effective means to meet our goal to achieve decarbonisation in ASEAN.
6. Finally, financing is still one of the most critical issues for CCUS development and deployment in ASEAN.



ERIA Presents Deliverables at the 11th East Asia Summit (EAS) Economic Ministers Meeting

Semarang, 22 August 2023

Tetsuya Watanabe, President of ERIA, attended the 11th East Asia Summit (EAS) Economic Ministers' Meeting held on 19–23 August 2023 in Semarang, Indonesia. The meeting was also attended by Mr Koji Hachiyama, ERIA's Chief Operating Officer; Mr Daisuke Tsukao, Deputy Director General for ASEAN and East Asian Affairs and Administration, Dr Intan Murnira Ramli and Mr Salvador Buban, Senior Policy Fellows; Dr Keita Oikawa, Economist; and Mr Jeremy Gross, Director of Capacity Building.

Watanabe presented the study on 'Driving a Circular Economy Transition Through Digitalisation: A Strategy for Collective Action in East Asia Summit (EAS) Countries.' He observed that despite the circular transition being quite complex and challenging, ensuring that the overall digital ecosystem is supportive of the circularity, identifying priorities to encourage circular business models, and capacity building to address the complexities of the digital and circular economy ecosystem can offer tremendous potential for the region's long-run development and ability to meet global sustainability goals.

ERIA's support and contribution to East Asia were then recognised and commended in the Chair's Statement of the 11th East Asia Summit (EAS) Economic Ministers' Meeting paragraph 5:

'5. The Meeting commended the continuous research support that Economic Research Institute for ASEAN and East Asia (ERIA) contributes to economic integration in the East Asian region. The Meeting noted ERIA's paper on "Driving A Circular Economy Transition Through Digitalisation: A Strategy for Collective Actions in East Asia Summit (EAS) Countries", which highlights the importance of digitalisation as a driver of a more circular economy.'



The 6th East Asia Energy Forum on Decarbonisation in the Final Energy Consumption Sector

Bali, 21 August 2023

ERIA in collaboration with the Ministry of the Energy and Mineral Resources of the Republic of Indonesia and the ASEAN Centre for Energy (ACE) organised the 6th East Asia Energy Forum with the theme of 'Decarbonization in the Final Energy Consumption Sector.' According to ERIA's 'East Asia Energy Outlook & Saving Potential 2023' which was launched during the Forum, the total final energy consumption of the Low-Carbon Energy transition and Carbon-Neutral Scenario is 35% lower than the Business-as-Usual scenario in 2050.

Decarbonisation in the region necessitates innovative energy efficiency and conservation across all sectors. The forum highlighted three key messages:

First, hydrogen emerges as a robust option for replacing fossil fuels, especially in the industrial sector where energy efficiency measures, electrification, and the use of clean electricity, low carbon fuels, bioenergy, hydrogen, and carbon capture technologies are crucial for comprehensive decarbonisation.

Second, achieving carbon neutrality in the transport sector requires a diverse range of options tailored to specific country circumstances, including zero-emission transport fleets and infrastructure such as battery-powered electric vehicles, hydrogen-fueled vehicles, and sustainable carbon-neutral fuels.

Third, maritime and aviation industries should consider implementing Emission Trading Schemes to supplement efforts to decarbonise international travel.

In the residential and commercial sectors, several key findings emerged:

Energy service companies (ESCOs) play a significant role in reducing global energy consumption, necessitating financing support structures and funding mechanisms for ESCOs and their projects.

Heat pumps should be increasingly utilised in commercial buildings to enhance energy efficiency and conservation.

Supporting measures and regulations should be strengthened to promote decarbonisation throughout buildings' lifecycles, including improved building efficiency, fuel switching, electrification, and the use of renewable energy sources, alongside digitalisation efforts to improve energy management flexibility.

Promoting the shift from LPG to electricity and clean combustion fuels in cooking and water heating is essential in residential and commercial sectors.

Regarding financing:

Governments, private sectors, banking institutions, and financial institutions should fund not only renewable and clean technologies but also transition technologies.

Governments should prepare for implementing carbon markets and pricing while considering energy price affordability, equity, and distributional impacts to promote cost-efficient emission reductions aligned with the Paris Agreement's long-term goals and sustainable economic growth.

Developing East Asian countries should advocate for a realistic and step-by-step energy transition considering energy security, affordability, reliability, and climate change.



Indonesia's ASEAN Chairmanship 2023 High-Level Policy Dialogue: ASEAN Digital Community 2045

Jakarta, 4 August 2023

A High-Level Policy Dialogue on Indonesia's ASEAN Chairmanship 2023 was held at the St Regis Hotel, with a central focus on the imperative to lay the groundwork of the ASEAN Digital Community by 2045. It is essential to prioritise the realisation of the ASEAN Digital Community 2045 as a key element within Indonesia's portfolio of objectives during its ASEAN Chairmanship in 2023.

Dr Kasan, the Head of the Ministry's Trade Policy Agency, emphasised the country's pivotal role as ASEAN Chairman in 2023 during his opening remarks, underscoring its commitment to advancing the ASEAN agenda. Satvinder Singh, Deputy Secretary-General for the ASEAN Economic Community, through recorded opening remarks, emphasised how the event would lead to formulating policies to promote ASEAN relevance in the global market.

The final opening remarks were delivered by the President of ERIA, Tetsuya Watanabe, who spoke of how by working together toward a common goal, the establishment of an ASEAN Digital Community will strengthen the region and promote sustainable and equitable development, assuring a positive future for all in ASEAN's digital era.

The policy dialogue continued with a plenary session, with Dr Lili Yan Ing, ERIA's Lead Advisor for the Southeast Asia Region, delivering introductory remarks delving into the significance of robots and artificial intelligence (AI) in the context of a new economic era, and their positive impacts on productivity. The deployment of industrial robots and AI have led to noteworthy price reductions and enhanced productivity levels, both at firm and aggregate levels. She also addressed the influence of their adoption in developed countries on trade with developing countries, where exports from developing to developed countries expand in the sectors which experience the greatest robotisation, and how widespread use of AI has led to increased services trade and improved consumer welfare.

Keynote speakers of this High-Level Policy Dialogue included Jacob Viner Professor of International Economics at Princeton University, Professor Gene Grossman. He highlighted the challenging aspects of globalisation, including the rise of politics fraught with issues such as populism and nationalism, the emergence of illiberal policies, and the potential risk of global decoupling, exemplified by issues such as the US-China trade war. He proposed simplifying regulations for service trade, ensuring compatibility between privacy and data protection measures with key trade partners, promoting service liberalisation within multilateral and regional trade agreements, and focusing on training and adjustment initiatives.

The plenary session continued with a discussion chaired by ERIA economist Dr Doan Thi Thanh Ha, who extended an invitation to Enggartiaso Lukita, former Indonesia Minister of Trade, to take the floor. He highlighted the vision of the ASEAN Digital Community 2045 and proposed a concentrated effort toward nurturing a digital ecosystem under the ASEAN Economic Community framework. He also emphasised the pivotal role of economic integration in ensuring stability and prosperity for the region amid the evolving global economic landscape.



ERIA President Joins G20 Energy Transitions Ministerial Meeting

Goa, 22 July 2023

Collaborating to accelerate clean, sustainable, just, affordable, and inclusive energy transitions was the goal of the G20 Energy Transitions Ministerial Meeting (ETMM) held in Goa, India as part of India's G20 Presidency.

The meeting was attended by G20 energy ministers; and with ministers from Bangladesh, Denmark, Egypt, Mauritius, the Netherlands, Oman, Singapore, and Spain, as special invitees; as well as representatives from international organisations such as the Asian Development Bank (ADB), Clean Energy Ministerial (CEM), ERIA, the International Energy Agency (IEA), the International Energy Forum (IEF), the International Renewable Energy Agency (IRENA), International Solar Alliance (ISA), the Organization of the Petroleum Exporting Countries (OPEC), Sustainable Energy For All (SEforALL), the United Nations Environment Program (UNEP), the United Nations Industrial Development Organization (UNIDO), the World Bank, the World Economic Forum, and the Gas Exporting Countries Forum (GECF).

India's Prime Minister Narendra Modi, in his opening remarks highlighted his country's efforts in greening economic growth and the energy transition. He said India has the most people and the largest, fastest growing economy, yet it is still making good progress toward keeping its climate pledges. He said India aims to reach 50% non-fossil electricity by 2030 and urged energy ministers and international organisations to implement an advanced, affordable, clean, sustainable, and inclusive energy transition.

ERIA President Tetsuya Watanabe emphasised the challenges the Global South faces in the energy transition toward carbon neutrality. He stressed the importance of robust public and private finance to cover not only zero emission technologies but also transition technologies in the transition pathways. Watanabe also highlighted the resilience of a clean energy supply chain, which is imperative to tackle the energy security challenges and geopolitical risks. He said ERIA will further enhance its research activities for the secure, reliable, affordable, and sustainable energy transition in the Asian region.

At the end of the meeting, the ministers expressed their deep gratitude to India's Presidency for stewarding the energy transition agenda in 2023 and looked forward to Brazil's G20 Presidency in 2024. They also adopted an outcome document and chair's summary which reiterated their commitment to sustainable energy for all.



ASEAN Blue Economy Forum 2023: Harnessing Blue Potential for Sustainable Development

Belitung, 2–4 July 2023

The Indonesian Ministry of National Development Planning (BAPPENAS), with support from ERIA, organised the first ASEAN Blue Economy Forum. The forum marked a significant step toward finalising the ASEAN Blue Economy Framework, which is set to be endorsed by ASEAN Leaders during the 43rd ASEAN Summit in September.

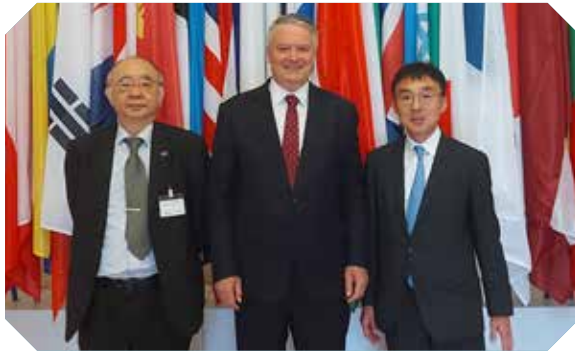
Indonesia's Minister of National Development Planning Suharso Monoarfa said ASEAN views the blue economy as a multifaceted cross-cutting concept in advancing economic prosperity and facilitating value-creation, resiliency, inclusivity, and sustainability. He stressed Indonesia's commitment to delivering the ASEAN Blue Economy Framework as one of its priority economic deliverables (PED) in 2023. He said 66% of the total Southeast Asian area is covered by seas and oceans, so without a doubt the blue economy will be ASEAN's new engine of growth to improve people's wellbeing and welfare.

ERIA President Tetsuya Watanabe said in his opening remarks that 'this forum is timely as it is crucial, not only in light of the need to find an alternative source of economic growth for the post-pandemic recovery, but also in terms of addressing the main challenges, such as the continuing existential threat posed by climate change as well as marine plastic pollution, often caused by unsustainable practices of our economic actors.' He said that while global geopolitics and geo-economics are increasingly characterised by fragmentation and confrontation, the ASEAN spirit remains positive and constructive, based on unity and collaboration. Watanabe concluded his speech by expressing ERIA's eagerness and enthusiasm to collaborate more closely and progressively with all member states in blue economy-related research and policy strategies.

During the Ministerial Panel, Abdul Manaf Metussin, Brunei Darussalam's Minister of Primary Resources and Tourism, said that balancing economic development with environmental sustainability and involving local communities is vital. He also said engaging stakeholders, implementing regulations, and investing in infrastructure and capacity-building initiatives are key to advancing the blue economy agenda in the ASEAN region.

A panel discussion moderated by ERIA's Senior Economist, Dr Fauziah Zen, featured blue economy experts from the Organization for Economic Co-operation and Development (OECD), the United Nations Environment Programme (UNEP), the United Nations Resident Coordinator (UNRC), and Stanford University.

The forum was followed by a number of side events, including a series of working level meetings, and island-hopping. Prior to the main event, ERIA's delegation participated in an oceanic geo-adventure, which featured activities such as a geo-run and geo-site visits.



ERIA President Discusses SME Policy at OECD Ministerial Meeting

Paris, 27–28 June 2023

ERIA President Professor Hidetoshi Nishimura, along with ERIA President designate Tetsuya Watanabe, participated in the Ministerial Conference of the OECD Committee for SME and Entrepreneurship, held at the OECD Headquarters in Paris. The OECD Ministerial meeting was chaired by New Zealand and included welcoming and closing remarks by the OECD Secretary-General Mathias Cormann.

During the inaugural day of the OECD Ministerial Conference, Prof. Nishimura discussed the current challenges and opportunities of ASEAN MSMEs. He mentioned how ASEAN MSMEs are the backbone of ASEAN economies, representing between 97% and 99% of firms and between 60% and 80% of total employment across ASEAN countries. He added that some ASEAN countries are among the fastest-growing digital economies in the world and that without sufficient digitalisation of the MSME sector, the digital transformation may be slower and uneven, with growing risks of widening digital divides. These trends demonstrate the imperative need for digital skills for MSMEs in the region. President Nishimura highlighted the importance of inclusive entrepreneurship for the region, particularly targeting women, disability inclusion, as well as the opportunities offered by green entrepreneurship. ERIA is already extensively working on these issues under the Entrepreneurship, Start-Up, and Innovation Knowledge Lab and will scale up these activities under the new Centre for Digital Innovation and Sustainable Economy.

While at the OECD Headquarters, the ERIA delegation had bilateral meetings with several OECD Directorates and Units to discuss ongoing and future collaborations on themes including data free flow with trust (DFFT), SMEs and entrepreneurship, digitalisation, global value chains, smart cities, ageing population, and health. The ERIA delegation had the opportunity to discuss some of these themes with the OECD Deputy Secretary-Generals Ulrik Knudsen and Yoshiki Takeuchi.



ERIA President Participates in G20 Agriculture Ministers Meeting in Hyderabad, India

Hyderabad, 15–17 June 2023

Tetsuya Watanabe, President designate of ERIA, led delegation to the G20 Agriculture Ministers' Meeting in Hyderabad, India, attended by agriculture ministers from G20 and 10 invited countries, plus representatives from 10 international organisations including the United Nations Food and Agriculture Organisation (FAO), the Organisation for Economic Co-operation and Development (OECD), and ERIA.

India's Prime Minister, Shri Narendra Modi, opened the meeting with a video message stressing the need for sustainable and inclusive food systems prioritising the resilience of small farmers against climate change, strengthening global food security, and securing the fertiliser supply chain. He also emphasised the urgent need for empowering farmers through innovation and digital technology.

During the Plenary Session on Sustainable Agriculture for Food Security and Nutrition, Watanabe spoke of ERIA's efforts toward enhancing sustainable and resilient agriculture and food security. He stressed ERIA's commitment to supporting the endeavours of the Global South, including the ASEAN region, to transform their agri-food systems to be more resilient and sustainable through ERIA's practical studies and capacity building activities.

Watanabe also introduced the ERIA Digital Innovation and Sustainable Economy Centre (E-DISC), which will serve as a regional open innovation hub, bringing together diverse stakeholders, including young entrepreneurs, investors, businesses, academia, and policymakers. He said E-DISC will make a significant contribution to strengthening food security by providing a platform for knowledge sharing and training. He concluded his remarks by expressing appreciation for the 2023 G20 framework for food security and nutrition as well as India's noteworthy initiative on millet.

ERIA will continuously address the challenges toward achieving sustainable and resilient agriculture and food security through its research and other activities.



ERIA Governing Board Elects Prof. Tetsuya Watanabe as New President

Jakarta, 7 June 2023

ERIA announced the election of Tetsuya Watanabe as the new President of ERIA for the term of 2023 to 2028. The decision was made by the governing board in recognition of Watanabe's exceptional qualifications and expertise in various fields related to geopolitics, economic security, trade policy, innovation, and regional integration.

With an illustrious career spanning both academia and public service, Watanabe brings a wealth of knowledge and experience to his new role. Prior to joining ERIA, he served as the Special Advisor to the Japanese Minister of Economy, Trade, and Industry, where he played a pivotal role in Japan's major trade policy initiatives and negotiations. Notably, he was involved in significant agreements such as the Trans-Pacific Partnership (TPP), Regional Comprehensive Economic Partnership (RCEP), Japan-US Trade Agreement, Japan-UK Comprehensive Economic Partnership, and WTO Reforms. His contributions as Director General for Trade Policy at the Ministry of Economy, Trade, and Industry (METI) and Chief Counsellor of the TPP Headquarters at the Cabinet Secretariat have earned him widespread recognition.

'I am deeply honoured to assume the role of President at ERIA during this critical period for the region,' said Professor Watanabe. 'I am committed to furthering ERIA's mission of promoting sustainable economic development in ASEAN and East Asia. With the support of our esteemed partners, researchers, and staff, we will address the pressing challenges facing the region and strive for inclusive and resilient growth.'

As ERIA welcomes its new leader, the organisation also takes this opportunity to express deep appreciation for the outgoing President, Professor Hidetoshi Nishimura, who had served as ERIA's President since its inception in 2008.

Under Professor Nishimura's visionary leadership, ERIA had evolved into a preeminent global economic think tank dedicated to advancing research and policy recommendations for sustainable economic development in ASEAN and East Asia. Throughout his tenure, Professor Nishimura has demonstrated unwavering commitment and remarkable expertise in shaping ERIA's strategic direction, nurturing valuable partnerships, and fostering a culture of excellence within the organisation.

His pioneering efforts in establishing ERIA as an independent research institute have laid the foundation for its outstanding achievements and worldwide recognition. Through his leadership, ERIA has become a leading voice in shaping economic policies, promoting regional integration, and addressing the economic challenges and opportunities in the ASEAN and East Asia regions.

'I would like to express my deep gratitude to Professor Nishimura for his exceptional contributions to ERIA over the past 15 years,' said Prof. Watanabe. 'Under his guidance, ERIA has flourished and gained global prominence, transforming into a top economic think tank that is respected and valued by policymakers, researchers, and industry leaders worldwide.'



ERIA and Dialogue Partners to Address Emerging Regional Challenges

Jakarta, 7 June 2023

Tetsuya Watanabe, the newly elected ERIA President, pledged enhanced cooperation with ASEAN and dialogue partners to address emerging challenges and benefit the people of ASEAN in the post-pandemic world.

During a dialogue with ASEAN and dialogue partner ambassadors in Jakarta, Watanabe reiterated ERIA's readiness to collaborate with all stakeholders in addressing common challenges such as digital transformation, climate change, and energy transition. As an international think tank, ERIA aims to conduct research that promotes sustainable development in the region.

In the two-and-a-half-hour meeting, ERIA experts delivered four presentations to the ambassadors, highlighting progress and ongoing projects.

Mr Koji Hachiyama, Chief Operating Officer of ERIA, provided an overview of ERIA activities, including initiatives supporting the Indonesian chairmanship. These efforts involved co-hosting the ASEAN Conference on Strengthening Food, organising the ASEAN Service Facilitation Network Security Integration, and launching the ASEAN Blue Economy Framework.

In a presentation on Global Value Chains (GVCs), Dr Dionisius Narjoko, Senior Economist, discussed the impact of GVCs on international trade in ASEAN and East Asia. He cited the example of machinery trade, which has seen frequent exchanges among regional traders.

Dr Lili Yan Ing, ERIA's Lead Advisor for the Southeast Asia Region, outlined the new economic era expected to emerge from the use of robots and Artificial Intelligence (AI). She highlighted the potential for increased productivity, greater variety, higher quality, and more services in trade and consumer welfare through AI application.

The final presentation by Prof. Jun Arima, Senior Policy Fellow on Energy and Environment, focused on energy, climate change, and East Asia. Prof. Arima emphasised the region's role in global decarbonisation efforts, highlighting the use of efficient gas-fired plants in the short to medium term to curb CO₂ emissions from fossil fuel power generation. However, in the longer term, he emphasised the importance of Carbon Capture, Utilisation, and Storage (CCUS), ammonia, and hydrogen technologies.

Following the presentations, there were discussions and a question-and-answer session between the ambassadors and experts. Dialogue partner ambassadors also contributed to the discussion regarding ERIA's future research trajectory and plans under the new leadership.

In conclusion, H.E. Kiya Masahiko, Ambassador of Japan to ASEAN, welcomed the newly elected ERIA President and commended Prof. Hidetoshi Nishimura, the outgoing president, for his 15 years of dedicated work in transforming ERIA into a world-class think tank.



ERIA–ENTEC–CII Jointly Organise a Business 20 Side Event on Enabling the Development of Regional Solar Supply Chains

Bangkok, 8–9 May 2023

ERIA, in cooperation with the National Energy Technology Centre of Thailand and the Confederation of Indian Industry, organised a 2-day workshop on Enabling the Development of Solar Supply Chains in ASEAN and the North-eastern Region (NER) of India. The participants discussed priority areas of the G20 India's renewable energy supply chain and validated the key findings of the study on securing solar supply chain in ASEAN and NER India. The study aimed to identify and develop strategies, standards, and requirements for the creation of regional solar supply chains in ASEAN and NER India; identify factors needed to establish international cooperation imperatives, such as government-to-government and business-to-business among India, ASEAN, and Japan to diversify solar supply sources in the East Asian Summit countries; and examine the potential for the development of integrated solar manufacturing hubs, the promotion of clustered research, and the development of project funding and low-cost financing to support solar photovoltaic (PV)-based mini-grid systems in NER.

Prof. Fukunari Kimura, ERIA's Chief Economist; Dr Lily Eurwilaichitr, Assistant Executive Director of National Energy Technology Center, National Science and Technology Development Agency; and Mr Watcharin Boonyarit, Director of Solar Energy Development Division, Department of Alternative Energy Development and Efficiency, Ministry of Energy, Thailand, gave remarks during the opening session. Dr Venkatachalam Anbumozhi, ERIA's Director of Research Strategy and Innovation, and Ms Monika Merdekawati, Research Analyst of Sustainable and Renewable Energy Department, ASEAN Centre for Energy presented papers that delved into the fundamentals of solar PV supply chain development in ASEAN and NER India.

Driven by promising solar energy potential in ASEAN (8,119 GW) and NER India (62,000 MW), several speakers highlighted the importance of solar energy in addressing energy poverty in ASEAN and NER India. However, they said, two major barriers remain: solar supply chains in both regions are at different levels of development and the region's continues reliance on solar PV upstream and midstream supply chain component imports, particularly from China.

All presentations described three key challenges in establishing regional solar supply chains in ASEAN and NER India: the unevenly distributed manufacturing points of solar supply chains in the regions; low manufacturing quality for locally built solar panels; and the lack of policy framework to strengthen the entire solar value chain. From the discussants, they pointed out the important role of crowdfunding and foreign direct investment in improving the production capacity and quality of solar PV components. They emphasised the need to use each country's comparative advantages in solar value chain to complement rather than compete with each other to develop resilient regional solar supply chains in ASEAN and NER India.

The workshop was concluded with a mutual understanding that the current solar supply chains are geographically highly concentrated. To achieve future energy and climate security in ASEAN and NER India, the participants agreed that countries must work together to secure access to critical minerals, upscale local manufacturing capacities, and develop market demands. Following the study will be the publication of an analytical report that contains an overview of factors favouring regional supply chains in solar supply chains. The report is intended to be a valuable resource for policymakers as they work to advance resilient regional solar supply chains in ASEAN and NER India.



ERIA Receives Special Visitor from Japan

Jakarta, 2 May 2023

Mr Koichi Hagiuda, Chairperson of the Policy Research Council of Japan's Liberal Democratic Party and the Former Minister of Economy, Trade and Industry (METI) and Mr Ryosei Akazawa, Acting Chairperson of the Policy and Research Council visited the ERIA office. During the visit, Mr Hagiuda met with ERIA President, Prof. Hidetoshi Nishimura, toured the institute's offices, and delivered a speech.

In his speech, Hagiuda praised ERIA's efforts in promoting economic growth and integration in the ASEAN and East Asia region. He also highlighted ERIA's achievements under Prof. Nishimura's leadership over the past 15 years since ERIA was inaugurated. Hagiuda also said that 'Japan is the president of G7 this year, but I said the ASEAN and Japan 50 years anniversary of friendship and cooperation is much important for us within LDP.'

Prof. Nishimura expressed his gratitude to Minister Hagiuda for his visit and for Japan's continued support to ERIA. 'Japan is an important partner for ERIA, and we appreciate their unwavering commitment to promoting economic growth and development in the ASEAN and East Asia region,' said Nishimura.



ERIA Signs MoU with Brunei Darussalam's Department of Energy for Energy Cooperation

Jakarta/Bandar Seri Begawan, 19 April 2023

ERIA and the Department of Energy at the Prime Minister's Office of Brunei Darussalam signed a memorandum of understanding (MoU) to develop and promote collaboration in energy cooperation.

During the virtual signing ceremony, YM Pengiran Haji Jamra Weira Bin Pengiran Haji Petra, Acting Permanent Secretary at the Department of Energy in the Prime Minister's Office, warmly welcomed the ERIA delegates and explained Brunei Darussalam's aim to achieve net zero emission by 2050. He expressed hope that the MoU could respond to the need for cooperation and collaboration in conducting training, workshops, capacity building, research, and implementation of pilot projects within the scope of the energy sector, which includes decarbonising of fossil fuel use, sustainable energy, renewables, energy efficiency and conservation, next-generation vehicles, and new energy technologies, among others.

ERIA has been conducting research projects for the Government of Brunei Darussalam, which have proved useful to prepare the country for the energy transition. The MoU is expected to realise the vast potential for energy cooperation, especially in developing policies and/or mechanisms pertaining to energy markets, energy security, sustainable energy, and clean energy technologies, on the basis of friendship and mutual benefit.

'ERIA will continue conducting high-quality research to support Brunei Darussalam's strategy and plan for the energy transition and its implementation, and hopes that both sides will not only improve cooperation but also strengthen their friendship', said Mr Koji Hachiyama, ERIA's Chief Operating Officer. He conveyed ERIA President Hidetoshi Nishimura's hope for continued support to Brunei Darussalam.



ERIA Jointly Organises the ASEAN Conference on Strengthening Food Security Integration

Jakarta, 17 April 2023

A cross-sectoral approach to tackling food security issues was the focus of 'The ASEAN Conference on Strengthening Food Security Integration', co-organised by ERIA, the ASEAN Secretariat, and Indonesia's Ministry of Agriculture and Ministry of Foreign Affairs. The conference aimed to discuss the core element of the ASEAN Leaders' Declaration on Strengthening Food Security and Nutrition in Times of Crises, and collect inputs and recommendations from stakeholders of related sectors in formulating the Leaders' Declaration in ASEAN Indonesia Chairmanship 2023.

Food security issues have been discussed partially and separately in several ASEAN sectoral bodies. The ASEAN Ministers on Agriculture and Forestry (AMAF) mainly address the challenges associated with food availability and production, the ASEAN Economic Ministers (AEM) focus on trade in agricultural commodities and facilitation of the food supply chain, and the ASEAN Transport Ministers (ATM) work on transport logistics and so forth. Thus, the need to take cross-sectoral initiatives to overcome issues arising from the unprecedented disruption to the food supply, raised prices, and reduced accessibility, which could lead to food insecurity.

Mr Koji Hachiyama, ERIA's Chief Operating Officer, said that as a leading think tank in the region, ERIA has an important mission to support the ASEAN Chair, and that ensuring food security and enhancing agriculture productivity are key themes of ERIA's research and other activities. He explained that digital solutions could be a potential tool for making agriculture and food system more productive and resilient. He said ERIA will establish the Centre for Digital Innovation and Sustainable Economy for policymakers, business stakeholders, and academic professionals involved in the transition to digitally driven sustainable economic growth. He announced that ERIA is working with the ASEAN Secretariat to develop an action plan to implement the ASEAN Guidelines for Sustainable Agriculture that was adopted at the 44th AMAF Meeting last year.

Dr Venkatachalam Anbumozhi, ERIA's Director of Research Strategy and Innovation, presented 'Food Security: Pillars, Policy Determinants and Regional Actions to Enhance It,' highlighting the ASEAN region's resilience during the COVID-19 pandemic through the wise use of digital technologies and existing regional trade agreements. He concluded by stressing that the improved sustainability and long-term resilience of ASEAN is to be built on food security and climate information, decision-making capacity, and adaptation finance with regional cooperation for an integrated approach.



ASEAN Power Grid, Trans-ASEAN Gas Pipeline Key to Realising Energy Trading in ASEAN

Jakarta, 5 April 2023

Securing power supply on islands and in remote grids remains a challenge in almost all ASEAN countries. Stakeholders, including representatives from ERIA, Indonesia's Ministry of Energy and Mineral Resources (MEMR), ASEAN Centre for Energy (ACE), and the National Energy Council (DEN), joined two workshops at the Shangri-La Hotel in Jakarta to discuss improving energy security on islands and in remote grids in ASEAN through the use of emerging clean energy innovations.

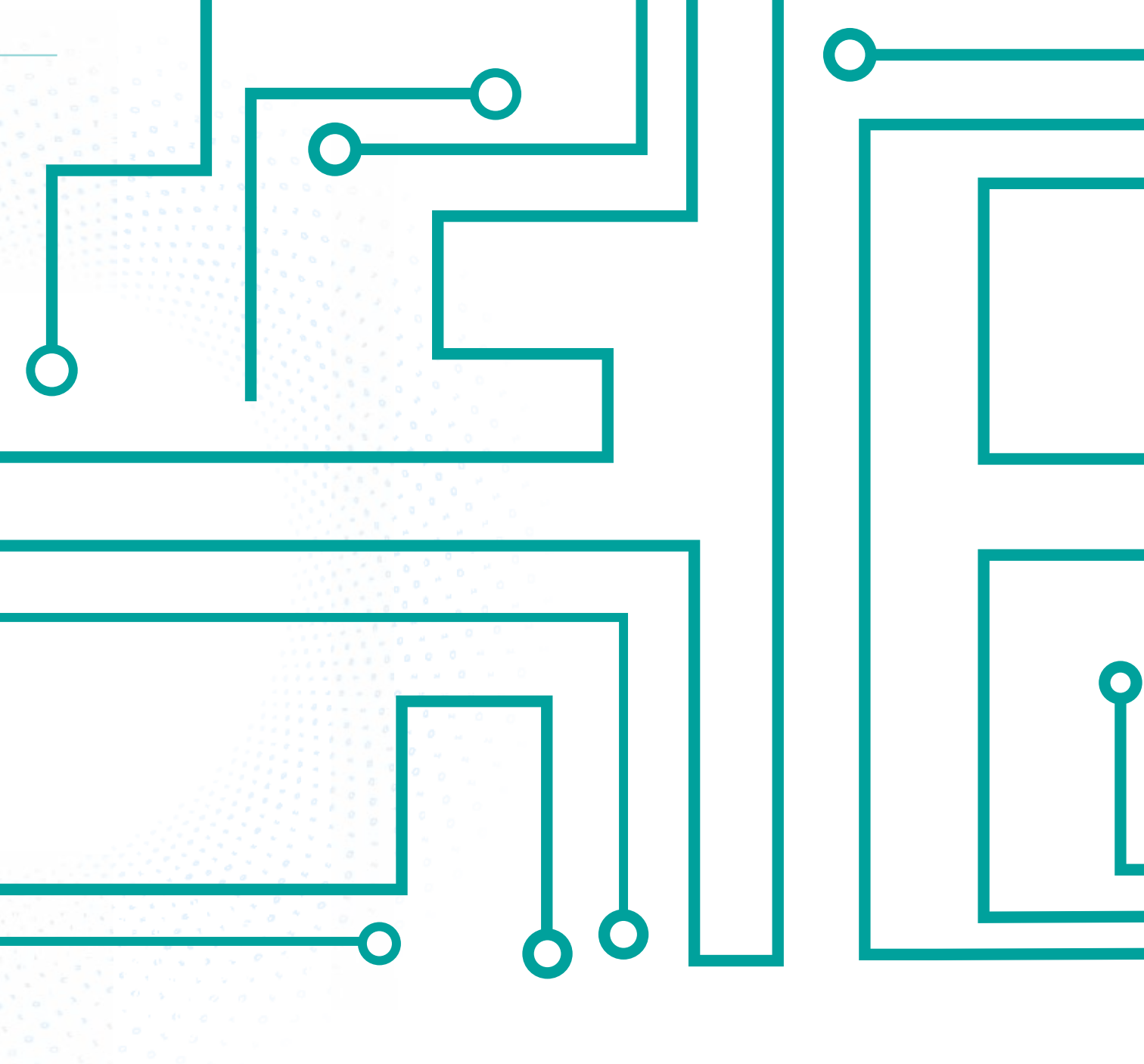
'Interconnectivity among ASEAN Members States is the crucial issue, and Indonesia wants to address it during the 2023 ASEAN Energy Chairmanship. AMS need to be actively collaborating to enable multilateral energy trading within ASEAN. The APG and the Trans ASEAN Gas Pipeline are two initiatives we have in realising this mission,' said Minister of Energy and Mineral Resources of Indonesia Arifin Tasrif. He was represented by Ms Rida Mulyana, Secretary General of MEMR.

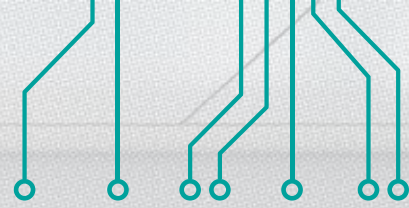
Prof. Hidetoshi Nishimura, President of ERIA, stressed the need for ASEAN to prepare for growing electricity demand. As one of the most dynamic and fastest-growing economic regions, ASEAN must provide a stable power supply whilst reducing greenhouse gas (GHG) emissions. He stated that huge investments must be made in power generation capacity, particularly decarbonisation technologies such as renewable energy, and in power system expansion.

Representatives from national energy departments of Lao People's Democratic Republic, Malaysia, Singapore, and Thailand reported the implementation progress of sub-regional power trade (Lao PDR–Thailand–Malaysia–Singapore Power Integration Project [LTMS-PIP]) and other updates on cross-border power interconnection infrastructure in their countries. The representatives agreed that besides ensuring the availability of necessary infrastructure, strong governance and political will are necessary for successful multilateral power trading. Mr Isaac Portugal, Senior Power Analysis of International Energy Agency, and Ms Randi Kristiansen, Economic Affairs Officer at UNESCAP, explained that intergovernmental agreements must meet political, institutional, and technical requirements to succeed.

Dr Alloysius Joko Purwanto, Energy Economist at ERIA, explained the potential of liquified natural gas (LNG) as a key alternative for securing energy supply in ASEAN. He said that at the initial stage of energy transition, LNG is still needed to secure energy supply and cited an ERIA study that projected the share of natural gas in power generation to increase from 41% in 2020 to 46% in 2050.

Closing the workshop, Mr Toru Furuichi, Director General for Research and Policy Design Administration at ERIA, listed three benefits from a totally or partially integrated APG system: investments can be optimised regionally or nationally, the APG can balance excess supply and demand and reduce the costs of developing energy infrastructure, and the APG can accelerate the development of renewable power generation in the regional grid. As for securing power supply on islands and in remote grids, an important strategy is shipping LNG to them. He said that to create energy security through the use of renewable energy, an optimised investment strategy is necessary to balance the development of natural gas facilities and renewable energy sources and technologies.





Office of the President



Office of the President

Over the past year, ERIA's Office of the President underwent a leadership transition as ERIA welcomed the new Chair of the Governing Board, H.E. Ramon M. Lopez, Former Secretary of the Philippine Department of Trade and Industry, replacing H.E. Professor Cielito F Habito, Professor of Economics at the Ateneo de Manila University. Additionally, a new Governing Board member, H.E. Dr Kao Kim Hourn, Secretary-General of ASEAN, replaced H.E. Dato Paduka Lim Jock Hoi, Former Secretary-General of ASEAN, alongside the new President, Mr Tetsuya Watanabe, taking over from Prof. Hidetoshi Nishimura, who retired after serving as ERIA's President for 15 years.

Throughout the previous year, the office maintained close engagement with the ASEAN Secretariat, Government Agencies, G20, G7, think tanks, private sectors, and other international organisations. The Office of the President also fostered dialogue with in-house executives and experts concerning persisting regional challenges, emphasising the need to sustain growth momentum in the region while advancing progress towards sustainable development goals and energy transition.

In 2023, economic growth in ASEAN was anticipated to rebound strongly at 4.7% as the region recovered from the COVID-19 crisis, surpassing the average global growth rate. The economies of ASEAN and East Asia demonstrated steady ascent, contributing to approximately 70% of global growth, underscoring their paramount importance. However, despite positive signs, ASEAN countries continued to grapple with various challenges, including a slowing global economy, persistent global inflation, rising economic fragmentation,

and escalating climate change risks, necessitating increased support for sustained growth and a sustainable future in the region.

ERIA has been actively involved in the regional response to these challenges through our evidence-based research and policy design. In 2023, close collaboration with the Indonesian ASEAN chairmanship led to the introduction of new initiatives such as the blue economy and food security, alongside contributions to high-level forums including the ASEAN Outlook on Indo-Pacific (AOIP), ASEAN Blue Economy Forum, and ASEAN Business & Investment Summit.

At the 16th Governing Board Meeting, ERIA was recommended to review its activities to enhance its capacity to respond to global and regional challenges, particularly focusing on digitalisation, sustainability, supply chain resilience, and connectivity. ERIA's activities have evolved to align more closely with the community-building efforts of ASEAN and wider regional cooperation in East Asia.

With robust support from the Research Institutes Network (RIN) and Academic Advisory Council (AAC), ERIA concentrated on addressing existing and emerging challenges in energy transition, sustainable economy, supply chains, digital innovation, public health, food security, and human resource development. Strengthened engagement with different stakeholders through the provision of a common policy platform facilitated the convergence of diverse ideas, perspectives, and knowledge for the betterment of the region. ERIA also expanded its network through Memorandums of

Understanding (MoUs) with various institutions – such as the ASEAN–Business Advisory Council, the Ministry of Industry and Commerce of Lao PDR, the Gas Exporting Countries Forum (GECF), Indonesian Ministry of Health, Agence Française de Développement (AFD), universities – renewing its commitment to the region by fostering trust, confidence, and a strong network.

ASEAN stands at the centre of global growth, projected to become the fourth largest economy in the world by 2030. The swift adoption of digital technologies has propelled ASEAN’s transition from the ‘flying geese development model’ to the ‘leapfrog growth model,’ offering opportunities to address development disparities and drive economic growth while potentially mitigating the middle-income trap.

In supporting ASEAN and amplifying the voice of developing Asia in global discourse and policy discussions, the Office of the President, under President Tetsuya Watanabe’s leadership, has provided policy recommendations to high-level multilateral forums, including but not limited to:

Indonesia’s Chairmanship of ASEAN 2023:

1. ASEAN Economic Ministers Meeting (AEM Meeting)
2. ASEAN Finance Ministers and Central Bank Governors Meeting (AFMGM)
3. ASEAN Blue Economy Forum (ABEF)
4. ASEAN Indo-Pacific Forum (AIPF)
5. ASEAN Business & Investment Summit (ABIS)
6. The General Assembly ASEAN Inter-Parliamentary Assembly (AIPA)
7. Commemorative Summit for the 50th Year of ASEAN–Japan Friendship and Cooperation
8. Indonesia Sustainability Forum

India’s G20 Presidency:

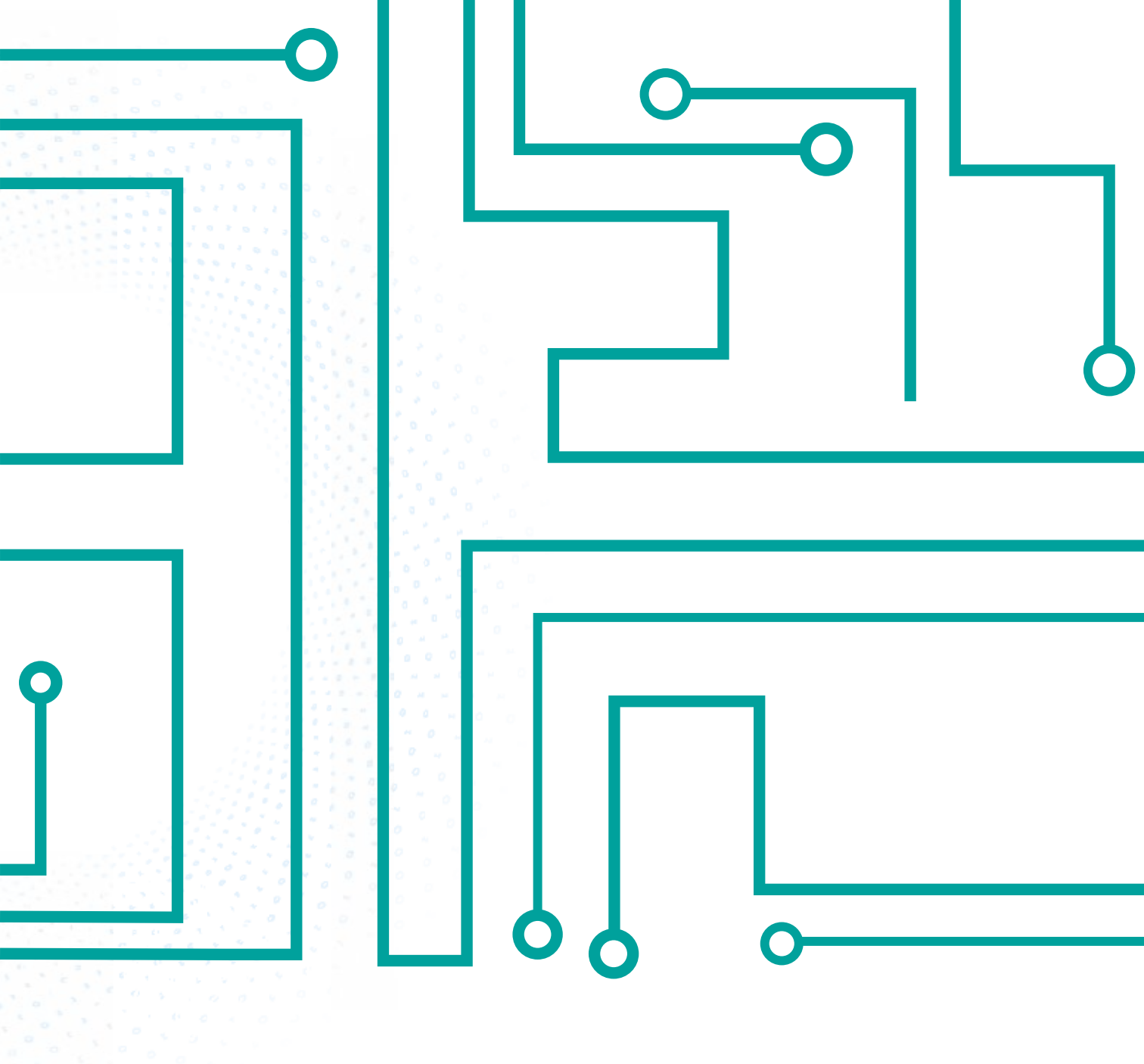
1. Agriculture Ministerial Meeting
2. Energy Transition Ministerial Meeting
3. Trade and Investment Ministerial Meeting

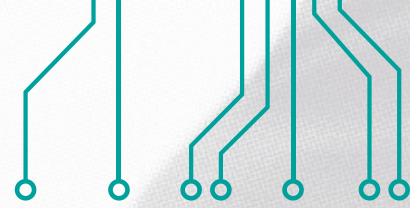
Japan’s G7 Presidency:

1. Digital and Technology Ministers’ Meeting
2. Ministers’ Meeting on Climate, Energy and Environment
3. Trade Ministers’ Meeting
4. Health Ministers’ Meeting

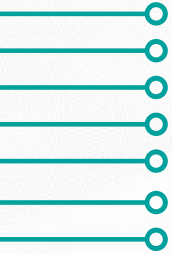
Furthermore, in FY2023, we extended our support to the Lao People’s Democratic Republic (PDR) ASEAN Chairmanship 2024 by actively participating in key events such as the ASEAN Tourism Ministers Meetings and ASEAN Economic Ministers Retreat. Our commitment to assisting Lao PDR in its Chairmanship of ASEAN remains steadfast throughout 2024.

Amidst a dynamic global landscape, ERIA is dedicated to enhancing support for our member countries by strengthening our analytical capabilities, providing robust policy support, and bolstering capacity building initiatives. Our objective is to deliver practical solutions to address pressing challenges in sustainability and digitalisation fostering sustained economic growth in the region. Through close collaboration with governments, think tanks, academia, the private sector, and other relevant stakeholders we are refining our vision and mission to more effectively support governments in making informed decisions in this rapidly evolving environment. As we embark on this new era of leadership in ERIA, our ultimate goal is to drive growth that is not only sustainable but also inclusive and resilient.





Policy Relations



Policy Relations

The year 2023 was a stocktaking of the global economic growth and international trade performance after fully opened borders and normal movement of goods and people were in place for a full year. Four important trends emerged in the policy dialogues among leaders and in business enterprises though not simultaneously, and in differing proportion. First, the global value chains were reassessed (and are continuing to be) to understand the slowing international trade and investment in supply chains in new production centres. Second, the impacts of digital economy and the onset of Artificial Intelligence (AI) in the labour markets were important policy concerns for all countries. While global governance and rules for digital economy remain a distant objective, efforts are being put in place to foster innovative businesses and start-up ecology in developing economies and reduce digital gaps. Third, the global awareness and engagement with the Global South has been brought forward and their engagement in the global and regional value chains has been re-energised through influential intergovernmental platforms such as the G20 and G7. Fourth, but overarching the other trends, is the economic and technology cooperation for building resilient, transparent, and trustworthy supply chains, including critical mineral supply chains. Geographical inclusiveness is built into all four trends in the policy dialogues and together, these will be the platforms for international cooperation globally, especially for Asia and the Indo-Pacific. Geo-strategic tensions among important economies are a reality and will influence the trajectory of all above, especially the supply chains of and technology cooperation for digital, innovative, and environmental goods and services.

Among these scenarios, the policy and partnership division of Economic Research Institute for ASEAN and East Asia (ERIA) pursued policy research for governments and intergovernmental bodies to shape the policy processes on resilient supply chains and improved trade integration within the Indo-Pacific region and across continents. Programmes for supply chain investments and technology cooperation, as well as institutional linkages were put in place. Cooperation for infrastructure connectivity continued to be primary area of work. Research support for the trade negotiations between important partners were undertaken while new avenues for sharing of digital public infrastructure, financial market mechanisms, and start-ups and business incubation experience have been set up. Research on Indo-Pacific economic architecture is a continuing activity in partnership with other organisations.

As in previous years, PR Division has addressed the demands from ASEAN's dialogue partners, multilateral bodies, and intergovernmental organisations for policy research and dialogues through its activities listed below. Similarly, the Policy Relations Division has taken initiative to supply policy research for bi-lateral and/or multi-party collaborations to shape the policies on resilient supply chains and inclusive development, particularly in developing Asia.

Stakeholders sought pathways and international cooperation to strengthen the demand for goods and services, the capacities for digital economy, and to explore diversified supply chains and investments among partner countries and regions. The bilateral and regional interests of ASEAN's partners such as Australia, India, the European Union (EU), the US, Canada, and the United Kingdom (UK) in the emerging economic architecture in the Indo-Pacific continued to grow through official plans of engagement with regional institutions. Simultaneously, both developed and developing Asia remained in focus in 2023, with India as the chair of the Group of Twenty (G20), Japan as the chair of Group of Seven (G7), and Indonesia leading ASEAN towards a more connected and developed Indo-Pacific. The ASEAN and East Asia region was watched closely by the world because of its inclusive and sustainable economic recovery and rebuilding. All above aligned with similar if not the same outcomes aiming at a realistic and facilitative trade and economic cooperation ecology.

In fulfilment, connectivity, supply chains for international trade and development cooperation, and cooperation and capacities for digital economy were three broad areas of research and outreach work.

Research

To realise these developments and demands, ERIA's Policy Relations Office (PRO) conducted a study titled the Regional Integration in Indo-Pacific: Connectivity, Cooperation, and New Supply Chain Linkages, which brings out the economic and developmental elements of the Indo-Pacific architecture. The study explains the economic genesis of Indo-Pacific, and sets out a new paradigm of security and economic needs – a paradigm which can consolidate the achievements

of the Asian Tigers, is adjusted to the exemplary economic performance in developing Asia, meets the aspirations of the smaller economies and island states, and is responsive to the intensity of climate, energy, and disaster reduction issues which are common to all the constituents. The study explains the infrastructure connectivity plans, trade and investment facilitation frameworks, and the practical nature of emergent supply chains in the region. It focuses on the Pacific as a new but integral part of regional connectivity and value chains. Included in the study are digital trade, human resource mobilisation, and development cooperation as important verticals of the economic architecture. The role of governments in the new economic linkages, such as the Australia–Japan–India Supply Chain Initiative, Australia–Japan–US, the Quadrilateral Security Dialogue, the Trilateral Highway, the Asia–Africa Growth Corridor, and the Masterplan on ASEAN Connectivity are focal points of the study's analysis. The study brings out policy certainty from governments, especially for joint partnerships and bilateral or trilateral cooperation for connectivity and supply chains, investments and infrastructure development, and governance of and human resource participation in the new digital economy.

A re-drafted version of the study was presented in the Raisina Dialogue, 2023 for greater dissemination of the findings. This study included the newer elements of India–Middle East–Europe Economic Corridor (IMEC) and the Partnership for Global Infrastructure and Investment (PGII) – both representing the consensus among G20 and G7 members, respectively – and their impact on the new supply chains in Asia and Europe.

G20 and G7

In 2023, PRO was responsible for carrying over the priorities of Indonesia G20 chairmanship into India and to support India's chairmanship of the G20. PRO represented ERIA in two G20 Working Groups – Trade and Investment (TIWG) and Agriculture (AWG). The PRO co-wrote the chapter on Resilient Global Value Chains for the Issue Notes for TIWG meetings. For the AWG, PRO co-wrote the GVC and sustainable and climate friendly agriculture sections of the Issue Note. PRO participated in all the working group meetings including the Ministerial meeting and supported the drafting of the ministerial statement and the annexes of the two working groups of G20.

PRO was part of the T20 process as the co-chair for the Task Force 3 on Resilient Infrastructure and Lifestyle for Environment (LiFE). As part of the G20 Research Forum – an ERIA initiative set up in Indonesia G20 chairmanship year – a dedicated volume of works on infrastructure and LiFE by the co-chairs of the Task Force was brought out in cooperation with the RIS, New Delhi. PRO contributed a chapter on 'Infrastructure Investment and Financing: Converging the Needs of Investors, Governments, and People' for the Task Force 3 Publication for G20 Research Forum. The publication was unveiled by the Prime Minister of India and chair of the G20. PRO also wrote on the role of ASEAN in the G20 in a commemorative publication of the ADBI for the Indonesia chairmanship of ASEAN. The PRO remains engaged with the G20 chair in Brazil in 2024 and will continue in South Africa in 2025.

The PRO supported ERIA's participation in the Outreach meeting of Trade Ministers of G7 in Osaka-Sakai in 2023. ERIA's President extended research and outreach support to G7 ministers in their facilitation of diversified, transparent, trustworthy, and inclusive supply chains in developing Asia, including for the digital economy.

Global South

The PRO supported ERIA in signing the MoU with the newly set up the Development and Knowledge Sharing Initiative (DAKSHIN) – Global South Center of Excellence at RIS, New Delhi. DAKSHIN is an outcome of Prime Minister Narendra Modi's initiative of taking the Global South together for development and connecting them with the G20 and G7 countries' initiative on new economic cooperation, emerging economic architectures around diversified supply chains and investments, and technology sharing. ERIA President Tetsuya Watanabe signed a letter of association with DAKSHIN on 10 December 2023 in New Delhi. The PRO has worked to set up ERIA chair on supply chains of manufacturing and digital economy, including critical mineral supply chains in the Indo-Pacific. The objective is to intensify South-South and North-South cooperation by expanding supply chain participation among economies of the South, particularly bringing Least Developed Countries (LDCs), Land Locked Developing Countries (LLDCs), and Small Island Developing States' (SIDS) closer to the G20 and G7 economies.

ASEAN Dialogue Partners: ASEAN–India

In 2023, the PRO worked towards ASEAN–India bilateral relations and helped ERIA nominated as the Knowledge Partner (KP) for ASEAN–India relations. In fulfilment of this role, PRO initiated studies to establish cooperation mechanisms between ASEAN and India for Digital Public Infrastructure (DPI) and to explore the feasibility of setting up common securities markets and insurance hubs. The studies will be used in the Senior Officials Meeting (SOM) for initiating discussions on ASEAN–India cooperation for DPIS and financial markets.

The PRO has worked on a partnership with Innovations Center (NSRCEL) at the IIM, Bangalore to initiate a common programme with E-DISC to enhance the capacities of startups and help business incubation in ASEAN.

The PRO is also participating in the study to support the ASEAN–India Trade Negotiations Committee set up for the review of the ASEAN–India Trade in Goods Agreement.

OECD

PRO hosted the annual OECD–AMRO–ADB–ADBI–ERIA Asian Regional Roundtable bringing together policy makers, central bankers, business leaders and researchers to discuss emerging issues and share lessons on potential policy solutions. The Roundtable facilitates collaboration among the Organisation for Economic Co operation and Development (OECD) in France, ASEAN+3 Macroeconomic Research Office (AMRO) in Singapore, Asian Development Bank (ADB) in the Philippines, Asian Development Bank Institute (ADBI) in Japan, and ERIA by providing a platform to strengthen policy dialogue on near-term macroeconomic and medium-term

structural policies annually at the regional level. The 2-day Roundtable was addressed by President Tetsuya Watanabe and the key-note address was given by H.E. Satvinder Singh, DSG for ASEAN Economic Community, discussed harnessing the digital transformation, promoting innovative climate finance, transitioning to global net zero emissions, enhancing insurance-linked securities markets for risk transfer, and international climate change policies and how they impact ASEAN+3 trade and investment. ERIA economists participated in the session on digital transformation.

Other Stakeholders and Partners

PRO provided research and institutional inputs for The Economist for developing the agenda for the Global Summit on Supply Chains held in Dubai on 19–21 September 2023, and also participated as an invited speaker.

PRO participated in the Confederation of Indian Industry Global Economic Policy Summit held on 7–8 December 2024 and contributed in the session on India’s emergent role in the global value chains.

PRO participated in the Raisina Dialogue, 2023 as a knowledge partner and introduced the study on Indo Pacific Economic Architecture, while also moderating a session on sustainable development in Indo–Pacific.

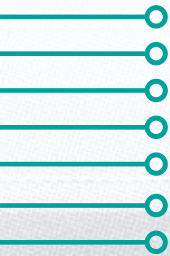
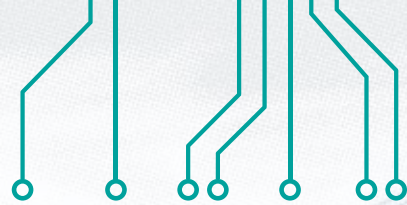
PRO provided research and policy inputs for OECD’s Southeast Asia Regional Programme, and conducted seminars with the Asian Development Bank, ASEAN+3 Macroeconomic Research Office, Japan Economic Forum’s Asia Pacific Forum, and other regional policy platforms. On the demand side, PRO continued to support dialogue partners for their Southeast Asia and

Indo-Pacific strategies. On the supply side, PRO continued research on global value chains, the Indo-Pacific, international cooperation for development, recovery and rebuilding of economies, and Asia's connectivity. PRO continued work to strengthen ERIA's Office of the President's contribution to governments of the region and to relevant international bodies and multilateral meetings in and outside Asia.

Publications and Writings

ERIA's 2023 activities on policy relations produced two Issue Notes for TIWG and AWG of G20, respectively, two research studies, four chapters, one editorial, speeches, key notes, and interventions for the President and COO of ERIA, two short reports, and several interactive presentations for regional action plans and intergovernmental dialogues.

Research



Deepening Economic Integration

1. Empowering Online Public Service in Asia: The Digital Frontier

The global economic landscape is undergoing rapid evolution, demanding swift adaptation from ASEAN to remain relevant and effective amidst challenging developments and trends. Emphasising the urgency to address digital poverty and inequality, there is a compelling need for an accelerated digital transformation, incorporating the adoption of new technologies and the new mindset of development.

The impact of digital government extends far beyond, significantly influencing the pace and nature of digital transformation. The digitisation of public services not only saves costs but also enhances government operations' efficiency, promoting transparency, and improving the convenience and quality of services for citizens and businesses. This transformative process can contribute to more inclusive and democratic governance, a crucial aspect for the Asian region grappling with socio-economic disparities and democratic challenges. In ASEAN and East Asia, the digital transformation of governments must be integral to national digitalisation strategies. This entails more than mere digital adoption in the public sector; it aims to foster a digital-driven, people-centered public service system in the long run.

The project's results can be found in the volume edited by Dr Lurong Chen, ERIA Senior Economist, and Prof. Fukunari Kimura, ERIA Chief Economist: '[Empowering Online Public Service in Asia: The Digital Frontier](#)'. The book presents the principal findings from ERIA's recent study on Asian digital

transformation. Offering insights into Asian countries' endeavors to unlock the potential of digital government, it sheds light on policy instruments aimed at enhancing the coverage and quality of region-wide online public services. The implications of digital government are extensive and can profoundly shape the trajectory and character of digital transformation. Drawing from ERIA's recent research on digital transformation, this book provides valuable insights into the practices of Asian countries in harnessing the potential of digital government. It illuminates the use of policy instruments to cultivate a digitally-driven, people-centric public service system, fostering sustained regional development over the long term.

2. Financial Services Trade Liberalisation in Indonesia: Policy Patterns and Economic Linkages

The financial sector is vital for economic development primarily through its intermediate role between borrowers and lenders to ensure savings are put to efficient use. The openness of financial industries typically attracts a diverse array of funders and borrowers, and their interactions collectively contribute to shaping an efficient equilibrium. However, the financial sector can also be a source of instability and systemic risk. Therefore, regulations are essential to ensure the soundness of the financial system and to prevent market violations, such as fraud, monopoly, and power abuse. Financial regulators in open economies seek to balance a free financial market with essential regulations to ensure an efficient and prudent financial market.

Over the last 2 decades, Indonesia has implemented policy reforms to liberalise its financial market and to modernise its financial regulatory framework. This study, conducted by ERIA and the OECD Trade Policy Division (OECD TPD), [published in January 2024](#), sets the scene by reviewing the liberalisation of Indonesia's financial sector within the context of the ASEAN Framework Agreement on Services (AFAS) and related agreements. Building on the OECD Services Trade Restrictiveness Index database, the authors offer a descriptive assessment of Indonesia's services trade restrictiveness in the financial sector. Despite some liberalisation, the barriers to trade in financial services remain high when compared with other developing economies.

By presenting fresh empirical evidence on the correlation between the reforms in Indonesia's financial sector, the associated financial services trade costs, and the performance of its manufacturing sector, this study underscores potential implications and offers insights for future reforms in this pivotal economic sector.

This study is part of the Government of Indonesia's (GOI) initiatives to assess the country's standing in AFAS ratifications. ERIA has also conducted other studies on institutional frameworks, macro policy, and financial market development on behalf of the GOI. Indonesia's commitment to financial sector reforms, in line with regional agreements, holds the potential to significantly enhance the efficiency and competitiveness of its services sector. The observed reductions in STRI and service trade costs underscore the positive outcomes of such reforms, with implications for broader economic linkages and industry performance.

3. Local Content Requirements: Facilitation or Restriction

Local content requirements (LCRs) are economic instruments used to protect infant domestic industries or create employment. However, the effectiveness of LCRs in achieving their intended goals is a subject of debate. Some argue that East Asian-governed markets such as China, Japan, Republic of Korea, and Taiwan have successfully boosted their economies through export-oriented policies supported by LCR regulations. But do the data tell the real story?

Discussions on this issue are documented in the 10 chapters of the book co-published with Routledge, titled '[Local Content Requirements: Promises and Pitfalls](#),' edited by Lili Yan Ing and Grossman, which was published in November 2023. The book examines country-specific as well as firm-product level exercises to explain how LCRs reduce fair competition, resulting in lower trade and productivity, ultimately leading to a decrease in world economic output and overall human welfare.

Countries around the world are investigated in the book, with specific attention given to the US, China, Indonesia, and resource-intensive countries, including those with significant mining activities. Furthermore, the book presents product and firm level analyses, addressing why countries adopted LCRs and how LCRs actually affect the world economy.

This book serves as a valuable resource for policymakers, researchers, and advanced undergraduates interested in international trade, industrial policy, political economy, labour economics, and development economics.

4. Global Trade and Recovery After COVID-19

The impact of the COVID-19 pandemic has constituted both a demand and a supply shock, whereas the 2008 crisis was mainly a demand shock. Policies associated with the pandemic, particularly lockdowns, may have curbed its spread but at significant costs, including disruptions in global value chains (GVCs), widespread job losses, and significant declines in output across various components of GVCs such as design, production, marketing, and distribution. These disruptions to GVCs are not surprising given the extent of globalisation in trade, which has interconnected the world closely through intermediate and final goods trade.

In Southeast Asian countries, where international supply chains are prominent, early evidence has suggested the robustness and resilience of these supply chains. Firms with diverse cross-country networks and strong ties with similar partners tend to be more resilient and able to achieve growth amidst the pandemic. However, the alteration of suppliers, customers, or production locations results in irreversible structural shifts in GVCs. The pandemic has pushed GVCs to become more diversified and regionalised, with policymakers increasingly concerned about how to renationalise GVCs to prevent disruptions induced by events like the COVID-19

pandemic and to build resilience and sustainability. The overall negative effect of the pandemic has led ASEAN countries to focus more on creating jobs and sustaining recovery to revive economic growth after the pandemic.

This project has published eight papers covering all aspects of recovery. These papers were included in the [ERIA Discussion Papers](#), published from August 2023 to March 2024, with numbers DP no. 482, 503, 483, 490, 489, 500, 491, and 506. The research aims to understand:

1. The impact of the COVID-19 pandemic on the changing trade and GVC landscape.
2. The effectiveness of policies in addressing the effects of the COVID-19 pandemic on trade.
3. The role of international transportation in influencing GVCs and international trade.
4. The role of non-tariff measures, regulatory reform, and regulatory cooperation in facilitating international trade.
5. The evolution of digital trade and the role of the multilateral trading system and regional cooperation in facilitating international trade.
6. How the COVID-19 pandemic shock has impacted the digital economy from a trade perspective.
7. How trade wars fueled by geopolitical tensions affect international trade during the COVID-19 pandemic.

5. Knowledge Capturing of the National Strategic Project

In 2014, the Indonesian government introduced its primary agenda, known as *Nawacita*, characterised by three main pillars: the present state, building from the periphery, and a mental revolution. Subsequently, *Nawacita* was translated into the 2015–2019 National Medium-Term Development Plan (RPJMN), which outlined policy directions for developing basic infrastructure and connectivity by targeting the advancement of key sectors. These initiatives were further detailed in Presidential Regulation (*Perpres*) Number 3 of 2016 concerning the Acceleration of the Implementation of National Strategic Projects (PSNs). PSNs encompass projects initiated by the government, regional administrations, and/or business entities aimed at fostering growth, equitable development, and enhancing community welfare and regional progress. Through PSNs, Indonesia aims to rapidly and substantially enhance the quality and sufficiency of its infrastructure to bolster national productivity.

Consequently, it is imperative to scrutinise the trajectory of PSNs, explore financing scenarios, and understand the roles of various stakeholders to facilitate even more effective sustainable infrastructure development in Indonesia. A comprehensive book documenting the implementation of PSNs in Indonesia since 2016 is essential to serve as an informational resource, elucidating the rationale behind PSNs, the entities involved, implementation timelines and locations, and the overall implementation process.

The outcome of this project was published in a series of two volumes. The book launch was graced by Minister of Finance Sri Mulyani Indrawati (serving as one of the editors of volume 1), Coordinating Minister of Economic Affairs Airlangga Hartarto, and President of ERIA Tetsuya Watanabe.

The first volume elucidates Indonesia's significant progress in infrastructure development over the past half-century. However, the nation still grapples with substantial infrastructure challenges, encompassing traditional concerns such as roads and bridges alongside contemporary imperatives like navigating the global digital revolution and addressing the pressing threat of climate change. In this notable compilation of papers, a distinguished group of Indonesian academics and policymakers delve into these issues, presenting a thorough examination and advocating for a comprehensive policy agenda.

The second volume of the book on infrastructure for inclusive economic development delineates twenty initiatives within the National Strategic Project (PSN), encompassing both social and economic infrastructure. Serving as a complement to the theoretical discussions in the first volume, the actual case studies in this volume underscore the importance of the acceleration policy in surmounting obstacles and expediting implementation. The featured projects address the demand for utilities, enhanced social welfare, connectivity, and industrial development, showcasing diverse categories that constitute essential components of infrastructure development.

6. Reconnecting ASEAN: An Assessment of the Pandemic Effects and Policy Response on Connectivity

Prior to the pandemic, cross-border trade and mobility of people were experiencing significant growth, signaling a promising outlook for East Asia's flourishing economy and connectivity. The cumulative growth of international travelers arriving at ASEAN Member States from 2009 to 2019 reached an impressive 170%, underscoring a robust demand for air transportation. However, the onset of the pandemic brought about a drastic decline, plummeting to -81% by 2020. This severe downturn had devastating consequences for the travel industry in Southeast Asia. Government measures to limit people-to-people interactions further exacerbated the situation, leading to a sharp decline in regional growth from 5.2% in 2018 to -3.2% in 2020.

This study aims to address the urgent need for cooperation within ASEAN to salvage its economy and expedite the recovery process. The study also aligns with the ASEAN Comprehensive Recovery Framework (ASEAN CRF), adopted in the 37th ASEAN Summit. The first key principle of the ASEAN CRF emphasises

focusing on relevant programmes that need prioritisation, acceleration, or highlighting. Consistent with this principle, the study zeroes in on ASEAN's connectivity aspects during the pandemic and projects the post-pandemic scenario.

The findings of this study, published as RPR FY2023 no.6, titled 'Reconnecting ASEAN: The Impact of the COVID-19 Pandemic on Trade, Transport, E-Commerce, and Mobility of People', edited by Fauziah Zen and Fukunari Kimura in July 2023, aim to document the economic challenges related to connectivity during the COVID-19 pandemic. Specifically, it delves into three key activities: trade (cargo), transportation, and e-commerce in five East Asian economies, including Japan, a significant trading partner of ASEAN. Except for e-commerce, the initial 2 years of the pandemic proved particularly challenging for all economies involved in maintaining their connectivity. The report provides a compilation of narratives illustrating the pandemic's impact on these economic sectors, shedding light on the difficulties faced by each. It offers insights into the unprecedented challenges and disruptions experienced during this period, while also highlighting the resilience and adaptability of the East Asian economies.

Narrowing Development Gaps

1. Health Economics Alternatives for Safe Travel

Throughout the pandemic, the requirement for RT-PCR nasopharyngeal swab tests and COVID-19 vaccines has been widespread globally at ports of entry and exit for travel purposes. Despite the availability of safe and effective alternatives, certain regions, including Southeast Asia, have maintained these requirements. Among the proposed alternatives, rapid antigen-antibody tests have been suggested. However, it's important to note that these tests target different phases of the disease compared to RT-PCR swab tests. While RT-PCR swabs can identify the virus during the early presymptomatic phase, antigen tests typically identify symptomatic individuals only, and antibody tests detect antibodies at even later phases. Nonetheless, there's another RT-PCR test—the saliva test—that shares similarities with the RT-PCR swab test in identifying the virus genetically. Importantly, it delivers results swiftly with minimal logistic requirements, reduces exposure to healthcare personnel, and is significantly more cost-effective, with diagnostic trials demonstrating sensitivity and specificity almost on par with the RT-PCR swab test.

This policy paper doesn't advocate for replacing the swab test with the saliva test but rather proposes that the RT-PCR saliva test can serve as a substitute for the RT-PCR swab test at Southeast Asian ports of entry and exit. Additionally,

it discusses the option of natural immunity, as evidenced by medical certificates, as a substitute for the widely accepted vaccine card. Alongside other alternatives, these measures can effectively balance health and economy and should be seriously considered in future pandemics.

Policy Implications:

Recommendations will establish public health policy alternatives for safe travel while balancing health and the economy.

Recommendations may further explore the capacity of developing Member States to integrate such medical devices into their healthcare systems and health markets.

One of the outcomes of this study was published as Policy Brief 2023 no. 13 in November 2023, titled: '[Health Economic Alternatives for Future Pandemic Travel](#).'

Efforts to control the COVID-19 pandemic globally have significantly impacted the international travel industry. Fortunately, these efforts have evolved into solutions that prioritise balancing health and the economy. This policy brief gathers insights from regional pandemic experts directly involved in developing and implementing COVID-19 policies within ERIA member countries. Medical experts from Indonesia, Japan, Malaysia, the Philippines, and Thailand share their national best practices based on local evidence in this brief.

2. Development of Small and Medium-sized Enterprises (SMEs) in Eastern Indonesia

The COVID-19 pandemic has severely impacted the Indonesian economy, particularly micro, small, and medium-sized enterprises (MSMEs), which contribute 63% of the country's gross domestic product and absorb 93% of employment. This crisis represents the most significant challenge to Indonesia's modern era, with its effects on MSMEs posing a threat to the national economy. For the Indonesian government, the next three years are pivotal in restoring the economy's trajectory, with a specific emphasis on the development of Eastern Indonesia: West Nusa Tenggara, East Nusa Tenggara, North Sulawesi, Maluku, and Papua. These regions were selected based on the government's priorities in developing the tourism sector, where the creative industry plays a vital role as an integral part of tourist attractions. The study aims to identify and map the obstacles and potentials of Eastern Indonesia, providing insights to both the central and local governments to encourage investment and accelerate development in the region.

The findings of the study have been published in a book (in Indonesian language), titled '*Membangun UMKM, Pariwisata, dan Ekonomi Kreatif di Indonesia Timur*' (Building MSMEs, Tourism, and Creative Economy in Eastern Indonesia). This book delves into the challenges surrounding the development of the creative industry and tourism by MSMEs in five East Indonesian provinces. It identifies and discusses the roles that various stakeholders, particularly the local and central government, can undertake to promote investment and foster development in the creative industry and tourism involving MSMEs. The book highlights the potential of MSMEs in the creative industry and tourism sectors as sources of growth that can help alleviate poverty in the region and enable it to catch up with other parts of Indonesia.

Moreover, the book explores how the COVID-19 pandemic has influenced consumer behavior and outlines strategic approaches for MSMEs in the tourism and creative industry sectors to adapt. Each chapter focuses on specific issues within an East Indonesian province, offering unique perspectives from authors hailing from the region. These chapters underscore areas requiring attention from both local and central governments, including structural economic issues such as access to natural resources, air transport, reliable utilities, education, healthcare, and the development of renewable energy in the region.

3. Human Resource Development, Employment, and International Migration of Nurses and Caregivers in the Asia and Pacific Region

The increasing demand for nurses stems from various factors such as the need for improved health services, aging populations, the promotion of medical tourism, and a shift towards institutional care, particularly long-term care, in many developed nations. Despite Asia being a significant source of nurses, there is limited understanding of the education, training, employment, and international migration of its nursing workforce, and the implications of this knowledge on the health sector in Asian countries. This project seeks to address this gap by examining the situation, issues, and challenges faced by the nursing workforce in Asian countries, encompassing aspects of human resource development, career progression, socio-economic characteristics of migrant nurses, and the impact of their migration on the health sector.

While some countries in the Asia-Pacific region receive nurses, literature suggests that foreign-trained nurses may encounter obstacles in building their careers in host countries. Many find themselves confined to entry-level or low-ranking positions

within the nursing hierarchy, or relegated to low-skilled, lower-status, and poorly paid jobs not requiring nursing licensure. However, with the growing demand for elderly care in developed countries, licensed nurses are finding greater opportunities in the elderly care sector. This project analyses these issues from the perspective of nurses and nurses-turned-caregivers from Asian countries working in nurse-receiving developed nations.

The findings of this study are published as the Research Project Report (RPR) FY2023 No.7, released in July 2023, titled: 'Human Resource Development, Employment, and International Migration of Nurses and Caregivers in Asia and the Pacific Region.' The study focuses on Asia's role as a major exporter of nurses and care workers, with countries like Cambodia, India, Indonesia, Malaysia, the Philippines, and Viet Nam serving as exporters, and Australia, New Zealand, and Japan as importers of nursing talent.



Sustainable Development

1. ASEAN Blue Economy Framework

The Blue Economy has emerged as a pivotal strategy for promoting economic growth while ensuring the sustainable use of inland water and ocean resources. In ASEAN, the Blue Economy's contribution to GDP varies significantly, ranging from 1% to as high as 30%. Recognising its potential as an alternative growth engine that preserves sustainability, ASEAN leaders endorsed the ASEAN Blue Economy Framework at the 2023 ASEAN Summit in Jakarta.

A Research Report titled '[Blue Economy Initiatives in South-East Asia: Challenges and Opportunities](#),' edited by Intan Murnira Ramli and Tomy Waskitho, was published in November 2023. This report illuminates the vast and untapped marine potential of the Southeast Asian region. It also highlights the diverse approaches adopted by individual ASEAN Member States in addressing the challenges and opportunities of the Blue Economy. Despite these differences, there is a shared recognition among ASEAN Member States of the critical importance of robust collaboration, particularly in addressing current and emerging challenges such as climate change, habitat destruction, inadequate regulatory frameworks and awareness, poor resource management, and gaps in data and scientific knowledge.

In addition to the comprehensive research report, this project also produced [8 Policy Briefs](#) spanning from June 2023 to January 2024, each focusing on a specific ASEAN Member State. These briefs provide detailed insights into the Blue Economy initiatives and challenges faced by each country,

including Viet Nam, Malaysia, Indonesia, Cambodia, Lao PDR, Brunei, the Philippines, and Myanmar. They serve as valuable resources for policymakers and stakeholders seeking to promote sustainable development and economic growth through Blue Economy strategies.

2. Building and Enhancing the Sustainable Agriculture and Food System in ASEAN Countries – Preliminary Scoping Study

Due to steady population growth, global food demand is expected to continuously rise, posing challenges exacerbated by climate change, the COVID-19 pandemic, and geopolitical tensions. In the ASEAN region, these issues have prompted multiple stakeholders to address unsustainable agriculture and food systems more seriously. On 26 October 2022, the ASEAN Regional Guidelines for Sustainable Agriculture were endorsed by the ASEAN Ministers of Agriculture and Forestry to build and enhance sustainable agriculture and food systems.

Policy Implications:

Identification of key priority sustainable issues and strategies of agriculture and food systems in each ASEAN country.

Basic assessment of the readiness of AMSs in implementing sustainable agriculture and food systems.

A preliminary scoping study engaging 10 ASEAN Member States (AMSs) aims to identify key priority areas for building and enhancing a sustainable food system in the context of ASEAN and according to each country's national priorities.

The study involves conducting interviews and/or questionnaire surveys with ASEAN government officials and stakeholders, including farmers, cooperatives, processors, distributors, and consumers. This aims to assess their awareness and perception of sustainable food systems, identify priority areas, and assess readiness to realise a sustainable food system. The study is expected to identify gaps in priority areas in the sustainable food system among ASEAN countries and between the target area and the reality of the ASEAN guidelines.

Published as Policy Brief 2023 no. 10 by Masanori Kozono,

Kentaro Yamada, and Siti Mustaqimatud Diyanah, the 'ASEAN Regional Guidelines for Sustainable Agriculture in ASEAN' were adopted at the 44th Meeting of the ASEAN Ministers on Agriculture and Forestry on 26 October 2022. The successful implementation of these guidelines requires the development of a practical action plan. To assist ASEAN in implementing these guidelines and provide insights for the action plan's development, the Economic Research Institute for ASEAN and East Asia conducted a preliminary scoping study. This study aimed to identify key technology and policy areas,



assess the current status of sustainable agriculture, and recommend initiatives for achieving sustainable and circular agriculture. The study findings highlight the prevalence of specific initiatives, significant disparities in initiatives between Cambodia, Lao People's Democratic Republic, Myanmar, and Viet Nam (CLMV) and non-CLMV countries, and prioritised strategies among the 28 key strategies outlined in the Guidelines. The action plan should outline practical actions aligned with the priority strategies, complete with achievable targets and timelines.

3. Study on the E-waste Economy in ASEAN

This study aims to address urgent issues surrounding electrical and electronic equipment (EEE) waste and present policy recommendations for collaboration between ASEAN Member States (AMS) and Japan in the ASEAN–Japan Circular Economy Initiative. A significant increase in e-waste generation is predicted in Asia, with ASEAN facing specific challenges in treating uncontrolled used EEE and locally generated e-waste. The informal sector, which plays a significant role in waste management in ASEAN, lacks proper technologies and knowledge for environmentally sound treatment, leading to environmental pollution and health risks. Japan's experience in e-waste management can serve as a valuable reference for AMS.

The global momentum towards a circular economy reinforces the need for efficient resource use and sustainable systems. Both ASEAN and Japan are pursuing circular economy policies, and the ASEAN–Japan Circular Economy Initiative is expected to enhance economic relations. To address these issues, three key recommendations are proposed.

First, Japan can share its experiences in establishing and enforcing legal systems with AMS, focusing on specific challenges and solutions. Second, business collaboration between AMS and Japan should be fostered through technical cooperation, joint ventures, and international resource circulation. Lastly, closer alignment with international rules and standards for reuse and remanufacturing and advancing trade openness is crucial to facilitate trade and to ensure quality and safety assurance.

The report of this study, titled '[Circular Value Chains of Electrical and Electronic Equipment in ASEAN](#),' was published as RPR FY2023 no.18 in December 2023. It was edited by Keita Oikawa and Fusanori Iwasaki.

Energy

1. Hydrogen Demand and Supply in ASEAN's Industry Sector: Current Situation and the Potential of a Greener Future

The urgent challenges posed by climate change and the global transition towards sustainable energy have underscored the importance of research and development in clean energy technologies. Among the focal points of this transition, hydrogen has emerged as a pivotal element, driving discussions and strategies aimed at achieving sustainable energy objectives.

The primary objective of this project is to offer a set of policy recommendations for policymakers in the ASEAN Member States to expedite the adoption of green hydrogen in the industrial sector. This entails analysing future production, storage, and transportation costs, as well as fostering capacity development in both conventional and renewable hydrogen production pathways.

The culmination of this project is encapsulated in the title '[Hydrogen Demand and Supply in ASEAN's Industry Sector](#),' published in January 2024.

This comprehensive study delves into the analysis of hydrogen's role as a feedstock in critical industries such as oil refining, methanol production, ammonia synthesis, and iron and steel manufacturing within the ASEAN countries and

the broader region. The analysis extends its scope to project potential scenarios until the year 2050, aligning with the diverse climate ambitions of the region.

Essentially, this publication serves as an indispensable resource for policymakers, industry stakeholders, and environmental advocates, offering invaluable insights and recommendations to foster a more sustainable and low-carbon future in ASEAN's industrial landscape.

2. Electricity Market Reforms in ASEAN, China, India, and Japan

The reform in the electricity sector aims to modernise infrastructure, regulations, policies, and procedures to enhance efficiency and ensure a fair share for clean energy in the competitive wholesale and retail electricity markets. This approach gradually phases out inefficient power generation methods. Despite substantial progress in increasing electrification rates over the past two decades, the ASEAN electricity market has yet to achieve full free-market competition, universal electrification, or implement comprehensive emission-reduction plans. Meanwhile, thermal power generation in China still constituted approximately 71.2% of total energy production in 2020.

Published as a co-publication by World Scientific titled '[Electricity Market Reforms in ASEAN, China, India, and Japan](#),' edited by Han Phoumin, Farhad Taghizadeh-Hesary, Fukunari Kimura, and Rabindra Nepal.

This book presents empirical studies that investigate and evaluate electricity market reforms in Southeast Asia, China, India, and Japan. It analyses policy reforms, market liberalisation, tariff restructuring, electricity trade, integration of renewable energy, resource allocation, and the sustainability of electricity markets in these regions and countries. Furthermore, it offers policy recommendations aimed at fostering reforms and enhancing market efficiency.

3. Green Finance and Renewable Energy in ASEAN and East Asia

Current investment levels in renewable energy and energy efficiency projects in the ASEAN region and East Asia fall short of the necessary benchmarks to achieve carbon neutrality goals by 2050. Unlike fossil fuel projects, renewable energy projects encounter greater challenges in accessing finance. Key obstacles include a lack of long-term financing, the presence of various risks, lower rates of return in renewable energy ventures, and a deficit in market actors' capacity. To facilitate the energy transition and meet carbon neutrality objectives, innovative approaches are essential to scale up green financing.

The findings of this study were published in December 2023 in collaboration with Routledge as part of the Routledge–ERIA Studies in Development Economics series. 'Green Finance and Renewable Energy in ASEAN and East Asia,' edited by Phoumin, Taghizadeh-Hesary, and Kimura, presents several empirical, policy-oriented studies with fresh data on ASEAN Member States and East Asian economies. These studies explore innovative, market-based solutions to unlock private investments in renewable energy projects.

The significance of innovative approaches and policies for enhancing investments in renewable energy projects to meet climate-related goals has been underscored in the wake of the COVID-19 pandemic. Chapters in the book cover various aspects and mechanisms of green finance for renewable energy development, including identifying financing barriers and proposing solutions to address them, cleantech finance and energy transition, green investment risks, green technology financing, market development, carbon taxation, green bonds, FinTech, and green digital finance. Collectively, the book offers policy recommendations for crafting funding strategies for renewable energy development in ASEAN and East Asia.

4. Strategic Oil Stockpiling in Myanmar

Myanmar presently relies on imports to meet 96% of its domestic petroleum demand, predominantly for industrial and transportation purposes. Consequently, ensuring Myanmar's oil supply security is paramount, especially considering the vulnerabilities associated with accidents, natural disasters, and geopolitical conflicts. Strategic oil stockpiling emerges as a crucial option for Myanmar in this context.

Various stockpiling measures are available, including ticket, joint, underground, onshore, and offshore tanks. Considering cost implications, this report recommends a phased approach. Initially, Myanmar should prioritise facilitating ticket agreements with foreign countries. Subsequently, it should explore joint stockpiling arrangements in collaboration with other ASEAN Member States and Middle Eastern countries like Saudi Arabia. Finally, Myanmar should engage in physical stockpiling using underground, onshore, and offshore tanks.

Regarding the volume of stockpiling, this report suggests increasing the current private stock level of 34 days to 45 days of public-private stock by 2030 and further to 60 days by 2040. By 2040, the portion of public stock should constitute 20 days.

This report's findings are presented in the ERIA Research Project Report 2023 no. 1, titled [Strategic Oil Stockpiling in Myanmar](#), published in May 2023.

5. Renewable Energy Transition in South Asia: The Role of Regional Energy Trade

South Asia has recently experienced approximately 7% economic growth. Despite this sustained economic expansion, countries in the region continue to grapple with energy constraints and inadequate energy access. While significant strides have been made in recent years to improve energy access and meet energy demand, achieving universal access to electricity and clean cooking fuel in rural areas remains an elusive goal. Consequently, ensuring energy security and sustainability has become a top priority for many of these nations.

Integrating renewable energy resources into the national energy mix is crucial for enhancing energy sustainability and security. This approach can complement the limited availability of fossil fuels and address environmental concerns. However, technological limitations and inadequate infrastructure pose significant challenges to the reliability of renewable energy in South Asian countries. Regional integration and renewable energy trade have the potential to facilitate the transition to renewable energy in these nations.

The findings of this report were published in August 2023 as part of the ERIA Research Project Report 2023 no. 10, titled '[Renewable Energy Transition in South Asia: The Role of Regional Energy Trade](#),' led by Venkatachalam Anbumozhi. The report explains that renewable energy encompasses sources naturally replenished, including biomass, geothermal, hydropower, wind, and solar energy. It delves into the implications of regional energy trade on increasing the proportion of renewable energy consumption and reducing reliance on fossil fuel-based economies in South Asia. The study utilises data from seven nations and employs the Global Trade Analysis Project (GTAP) model to assess the economic growth and societal well-being implications within the analysed countries.

6. Study on Green Hydrogen Production in Brunei Darussalam

Brunei Darussalam has embarked on hydrogen production utilising by-product gas from liquefied natural gas (LNG) production, exporting it to Kawasaki City, Japan, via modified conventional hold (MCH) containers. However, the Energy Department of the Prime Minister's Office is directing its focus towards producing green hydrogen through solar photovoltaic (PV) electricity. This study aims to assess the potential for installing a floating solar PV system in Brunei, estimating power generation through solar PV and hydrogen production via electrolysis plants, and exploring the feasibility of blue hydrogen production. Furthermore, it will investigate the social and economic impacts of the hydrogen business in Brunei.

Published in September 2023 as part of the ERIA Research Project Report 2023 no. 12, titled 'Study on Green Hydrogen Production in Brunei Darussalam,' this report emphasises that producing green hydrogen necessitates harnessing renewable energies. However, Brunei's solar photovoltaic (PV) potential is limited due to land area constraints. While floating solar PV (FSPV) presents an option, Brunei's water surface is also restricted. Therefore, the production of blue hydrogen from natural gas remains a crucial alternative for Brunei.

Establishing the green hydrogen industry in Brunei will require significant investment. However, it promises numerous benefits, including the creation of skilled labour opportunities and economic growth, thereby bolstering the country's macro economy. Embracing green hydrogen will play a pivotal role in Brunei's journey towards carbon neutrality, ensuring a sustainable and cleaner future for the nation.



7. Assess Energy Efficiency & Conservation (EE & C) Indicators and Policies to Ensure a Low Carbon Development Path

ASEAN countries are actively promoting energy efficiency policies to address the rising energy consumption associated with economic development. However, over the two-decade period from 2000 to 2020, countries with large populations and economies, such as Indonesia, Malaysia, the Philippines, and Viet Nam, witnessed a steady improvement in energy efficiency, while simultaneously experiencing a worsening trend in carbon intensity. The primary contributing factor to this rise in carbon intensity in these four countries is coal.

During this period, the total energy supply (TES) from coal increased significantly, alongside a rise in coal-fired power generation and coal consumption in industries, particularly in the iron and steel sector. Furthermore, energy consumption in the road transport sector has been on the rise, leading to increased CO₂ emissions. The surge in the number of vehicles reliant on fossil fuels, coupled with the expansion of motorisation, has further exacerbated carbon intensity.

Published in November 2023 as part of the [ERIA Research Project Report 2023 no. 13](#), the studied countries collectively agreed upon policies aimed at phasing out coal-fired power generation in the future and ceasing the construction of new coal-fired power plants.

This report conducts an in-depth analysis of the energy efficiency status, carbon intensity, and associated factors in the target countries. It seeks to identify the underlying reasons for the disparity between improvements in energy efficiency and the deterioration of carbon intensity. Additionally, the report examines challenges related to energy efficiency policies and offers policy recommendations with a focus on promoting low-carbon development.

8. Seeking for Best Power System Combined with Hydropower Generation system in Lao PDR

The Lao People's Democratic Republic (Lao PDR) possesses abundant hydropower resources. However, during the dry season, the nation faces electricity shortages from hydropower plants due to reduced water flow. Consequently, there is a reliance on importing electricity from Thailand. To address this challenge, Lao PDR has the option to implement a floating solar PV system on the water of the dam. Solar PV performs well during the dry season, making it a complementary resource to hydropower. Additionally, integrating solar PV does not require additional transmission lines.

In the report published as [ERIA Research Project Report 2023 no. 25](#) in February 2024, the study examines the functionality of a floating solar PV system to ensure stable power output as a hybrid power system. This analysis is based on computer simulations of solar power generation using hourly solar radiation data from the nearest city to the hydropower dam. However, solar PV exhibits intermittency, a low-capacity factor, relatively high generation costs, and seasonality. Therefore, it is essential to evaluate the viability of solar PV installation through power generation simulations based on hourly solar irradiation data.

This study aims to assess the effectiveness of solar PV as a complementary power source to hydropower plants. The assessment focuses on a hybrid system that combines hydropower with a floating solar PV system positioned on the surface of the hydropower dam.

9. Study on Economic Impacts of Early Retirement of Fossil Fuel Power Plants in ASEAN

When addressing climate change, reducing fossil fuel consumption promptly is paramount. However, from an investment perspective, this poses a different challenge. For instance, project owners or financiers may face losses if existing fossil power plants cease operation before recouping their investments. ASEAN Member States possess a significant number of relatively young fossil power plants constructed to meet rapidly growing electricity demands in recent years. Premature retirement of these plants could result in economic losses, impacting a country's economy. Independent power producers (IPPs) with power purchase agreements may seek compensation for economic losses incurred due to early retirement. National companies owning power plants may experience reduced capability for reinvestment or an increased fiscal burden. Therefore, it is crucial to accurately assess the negative economic impacts when formulating policies for the early retirement of fossil power plants.

Before implementing early retirement policies for existing fossil power plants, careful consideration is essential. Carbon pricing can serve as a mechanism to compensate for anticipated economic losses arising from early retirement while also preventing the reduction of energy system resilience due to loss of diversity.

The report of this study is available in the [ERIA Research Project Report 2023 no. 26](#), edited by Ichiro Kutani, Yoichi Namba, and Han Phoumin. The analysis highlights the substantial economic implications of early retirement for existing fossil power plants. Under assumed conditions, a reduction in operational period by 15 years could result in losses equivalent to a significant percentage of the GDP. Theoretically, these losses could be offset by higher carbon prices. In such a scenario, the study suggests carbon prices of approximately US\$50–US\$60 per tonne of CO₂ for coal-fired power and about US\$100 per tonne of CO₂ for gas-fired power. Based on these analyses, the study proposes three policy recommendations:

1. Careful consideration of Early Retirement Policies
2. Carbon Pricing as a Compensation Mechanism
3. Preservation of Energy System Resilience

10. Mitigating Extreme Volatility of LNG Prices in ASEAN

Between 2020 and 2023, the liquefied natural gas (LNG) market experienced significant fluctuations, with prices fluctuating between historic lows and unprecedented highs. Such volatility has hindered the healthy development of the LNG market in the ASEAN region. This study investigates the causes and impacts of extreme volatility in spot LNG prices, aiming to establish future mitigation measures and provide recommendations to policymakers to promote a more stable LNG market.

Published in March 2024 as [ERIA Research Project Report 2023 no. 29](#), the study team explores the economic and social impacts, structural and one-time causes, and mitigation and preventative measures of such extreme volatility in individual economies, in collaboration with other research organisations.

Although prices have somewhat stabilised since late 2022, the potential for resurgence remains, posing challenges for Asian economies reliant on spot LNG purchases. This study delves into the causes and consequences of this volatility in the ASEAN region and neighboring areas, highlighting its ramifications for various stakeholders. Additionally, it examines the role of LNG supply from the United States, a key factor shaping global LNG markets.

The report aims to identify strategies for mitigating LNG price volatility, particularly within ASEAN. It advocates for measures to secure reliable long-term supply, enhance contract terms, and strike a balance between energy security, affordability, sustainability, and the imperative of energy transition. Through comprehensive analysis and policy recommendations, this study seeks to foster stability and sustainable growth in the ASEAN LNG market.

Healthcare Unit

During FY2023, ERIA's Healthcare Unit made significant contributions to the field with the publication of three research project reports, two articles in major ERIA books ('ASEAN–Japan Economic Partnership for a Sustainable and Resilient Future' and 'Viet Nam 2045: Development Issues and Challenges'), and one policy brief.

A notable event organised by the Healthcare Unit was the Ministerial Working Lunch on Healthy Ageing in Asia, held as an official side event of the G7 Health Ministers' Meeting in Nagasaki. The discussion involved two Health Ministers from ERIA member states (India and Indonesia) and two senior officials from Viet Nam and Japan, focusing on future ageing issues and challenges in Asia.



Study tour of Japanese Ageing Situation at Kamakura, November 2023

Through Japan's Ministry of Health, Labour and Welfare, the unit has expanded its focus to include developmental disorders. These research activities will lead to policy recommendations following discussions with regional country experts and interviews with individuals affected by developmental disorders and their supporters, such as parents, regarding national health and social development

policies. While initially concentrated on some ASEAN Member States (AMS) like Indonesia, the Philippines, and Viet Nam, these activities were mentioned in the Implementation Plan of the Joint Vision Statement on ASEAN–Japan Friendship and Cooperation Trusted Partners in 2023. This high-level commitment is expected to facilitate the expansion of current activities to ASEAN regional activities, including capacity building, awareness raising, and policy dialogue.



Field Survey on Ageing Research at Gili Iyang, Indonesia, December 2023.



Training for survey taker at Hanoi, Viet Nam, June 2023.

Additionally, the unit has collaborated with other international organisations such as the Organisation for Economic Co-operation and Development (OECD) and the World Health Organization (WHO). ERIA and OECD have initiated a new project to promote active ageing in Asia, while ERIA and WHO continue their collaboration to advance universal health coverage by utilising the Essential Diagnostics List published by WHO.

Environment Unit

The Regional Knowledge Centre for Marine Plastic Debris, established by ERIA in October 2019 with financial support from the Ministry of Environment of Japan, plays a crucial role in assisting ASEAN+3 countries in addressing emerging challenges related to marine plastic debris. The centre aims to advance the objectives outlined in the ASEAN Regional Action Plan for Combating Marine Debris in the ASEAN Member States (2021–2025) through five key action pillars:

1. Supporting research and data collection to inform science-based policy formulation.
2. Collecting and disseminating scientific knowledge to support solution-oriented initiatives and raise public awareness.
3. Facilitating national and regional capacity-building activities.
4. Developing strong collaborative networks and regional partnerships.
5. Promoting innovations from the private sector.

In FY2023, the centre expanded its scope of work, particularly through partnerships with regional actors. Collaboration with the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH and its ASEAN regional project 'Reduce, Reuse, Recycle to Protect the Marine Environment and Coral Reefs' (3RproMar) yielded significant progress.

Since becoming an official partner of the 3RproMar project in December 2022, ERIA has worked on topics such as Extended Producer Responsibility for plastics, the private sector's innovative contributions to plastic reduction, and knowledge sharing on regulatory frameworks and best practices across ASEAN+3 countries.



3RproMar Regional Workshop in Bali, May 2023

Successful 2nd and 3rd 3RproMar Regional Workshops were held in May 2023 in Bali, Indonesia, and in March 2024 in Iloilo City, Philippines, with participation from various regional partners. Additionally, new collaborations were forged in FY2023, including with the World Bank and its 'Southeast Asia Regional Program on Combating Marine Plastics (SEA-MaP).' ERIA, along with the Institute for Global Environmental Strategies (IGES), embarked on an analytical work and regional consultation process with ASEAN Member States (AMS) and relevant stakeholders to design the regional Knowledge and Partnerships Platform of SEA-MaP. Furthermore, ERIA, again in partnership with IGES, collaborated with the Organisation for Economic Cooperation and Development (OECD) to develop the ASEAN+3 focused Asia Pacific Regional Plastics Outlook report, funded by the Government of Japan. This report aims to provide a comprehensive assessment of the current state of plastics production, utilisation, and waste generation in the region and recommend policy instruments to address them.

The centre continued its regional outreach efforts, including support for the ASEAN Conference on Combating Plastic Pollution (ACCPP) in October 2023. Additionally, the centre's research activities yielded practical guidelines/manuals benefitting the ASEAN region. Two sets of guidelines/manuals were finalised in collaboration with the Regional Resource Centre for Asia and the Pacific at the Asian Institute of Technology (RRC.AP-AIT) and IGES, focusing on preventing plastics and resin pellets leakage into nature and reducing single-use plastic usage among citizens. Another notable contribution was the Regional Knowledge Centre's participation in the Environment Ministerial Meetings and ASEAN-Japan Environment Week in Lao PDR in August 2023. ERIA team participated in 3 sessions, co-hosting 2 of them during the Environment Week and participated in the Business Expo booth.



Participation in Environment Ministerial Meeting and ASEAN-Japan Environment Week in Lao PDR, August 2023

ERIA also convened two in-person meetings for its Experts Working Group on Marine Plastic Debris in FY2023, producing valuable insights from regional experts aiming to establish baselines and offer multidisciplinary assessments of marine plastics in the ASEAN+3 region.



ERIA's Experts visit to Waste Facility at Bali, May 2023

Agriculture Unit

The Agriculture Unit at ERIA is dedicated to addressing various emerging topics in the food and agriculture sector, with a primary focus on contributing to policy development for the ASEAN food and agriculture sector. Since its establishment in 2016, the unit has tackled issues such as the food value chain, cold chain management, digitalisation of agriculture, sustainable agriculture, and food security through extensive research and capacity-building activities like knowledge-sharing workshops.

In FY2023, the Agriculture Unit continued its ongoing research project titled 'Building and Enhancing Sustainable Agriculture and Food Systems in ASEAN Countries,' initiated in 2022 to support the implementation of the 'ASEAN Regional Guidelines for Sustainable Agriculture.' One significant aspect of the project was a preliminary scoping study involving interviews with farmers and stakeholders across all ASEAN Member States (AMS). The study aimed to identify key priority technologies and policies for enhancing sustainable agriculture and food systems, revealing a delay in the adoption of digital technologies and decarbonising practices in the ASEAN region. A workshop involving IPB University and researchers from 10 AMS was organised on 31 May 2023, to validate these findings. The key findings and recommendations were summarised in an ERIA Policy Brief titled 'Building and Enhancing Sustainable Agriculture and Food Systems in ASEAN: A Preliminary Scoping Study,' published on 10 September 2023. Additionally, an in-depth country case study focusing on reducing crop residue burning to contribute to decarbonisation in agriculture is scheduled to commence in early FY2024.

The Agriculture Unit collaborated closely with the ASEAN Secretariat to support the development of an Action Plan for Sustainable Agriculture in ASEAN. Several workshops and forums were co-organised by ERIA and the ASEAN Secretariat to share technologies and practices for sustainable agriculture, discuss the Action Plan's contents, and improve the draft. These events, held on 30–31 May 2023, 5–7 March 2024, and 22–23 November 2023, saw active participation from all AMS, Timor Leste, and development partners. At the 45th ASEAN Ministers on Agriculture and Forestry (AMAF) Meeting in October 2023, Ministers agreed to develop the ASEAN Action Plan on Sustainable Agriculture and the ASEAN Guidelines for Crop Burning Reduction as Priority Economic Deliverables (PEDs) of ASEAN Lao PDR Chairmanship 2024, with continued support from ERIA.



ERIA Experts visit Cassava Field, Lao PDR, February 2024



ERIA experts visit paddy field, Brunei, February 2023

During ASEAN Indonesia Chairmanship 2023, the Agriculture Unit supported the drafting of the 'ASEAN Leader's Declaration on Strengthening Food Security and Nutrition in Response to Crises' through knowledge input. Furthermore, together with the ASEAN Secretariat and the Government of Indonesia, the unit organised the 'ASEAN Conference on Strengthening Food Security Integration' on 17 April 2023, inviting high-level government officials from all AMS ministries. The Leader's Declaration was adopted at the 43rd ASEAN Summit on 5 September 2023.

At the regional level, the Agriculture Unit attended various ministerial and working group meetings, including the 45th AMAF Meeting, the first ASEAN–Japan Ministers of Agriculture and Forestry (AJMAF) Meeting, PrepsSOM–45th AMAF Meeting, the 44th SOM–AMAF Meeting, the 43rd ASEAN Food Security Reserve Board Meeting, and the 17th Meeting of the ASEAN Technical Working Group on Agricultural Research and Development. President of ERIA, Professor Watanabe, and ERIA delegates actively contributed to these meetings by sharing research activities and providing knowledge inputs through presentations and interventions.

Moreover, the Agriculture Unit supported the ASEAN Secretariat and Ministry of Agriculture, Forestry and Fisheries of Japan in organising the ASEAN–Japan Friendship and Cooperation 50th Anniversary Symposium titled 'Promoting Resilient and Sustainable Agriculture and Food System through Innovation: ASEAN's Initiatives and Japan's Contribution' on 21 November 2023. ERIA played a crucial role in developing the concept note and programme of the symposium, as well as coordinating among participants.

At the global level, ERIA delegates participated in several meetings during the G20 India Presidency 2023, including the First Agriculture Working Group Meeting, the Second Agriculture Deputies Meeting (ADM) of the G20 Agriculture Working Group, the G20 AWG Virtual Intersessional Meeting, and the G20 Agriculture Ministers Meeting. President Watanabe delivered a speech focusing on 'Climate Change Solutions' at the G20 Agriculture Ministers Meeting.



ERIA Delegation at the G20, June 2023

Furthermore, the Agriculture Unit contributed as a speaker and discussant in several events, such as the International Grains Council (IGC) – the Institute for the Development of Agricultural Cooperation in Asia (IDACA) Project, the International Conference on Enhancing Global Food Security through Climate Smart Agriculture, Digital Innovations, and New Institutional Governance, and the Second International Conference on Agriculture, Natural Resources, and Rural Development. Additionally, the unit contributed to the ERIA Publication on 'ASEAN–Japan Cooperation, ASEAN–Japan Economic

Partnership for a Sustainable and Resilient Future Chapter 3: ASEAN–Japan Cooperation in the New Emerging Agenda – Food and Agriculture,' published on 11 August 2023. Looking ahead, the Agriculture Unit remains committed to conducting practical research and related activities to support policy development in the agriculture sector. In the coming year, the unit will focus on research initiatives to enhance sustainable food systems, promote digital transformation in agriculture, ensure food security, and support the development of Priority Economic Deliverables (PEDs) of ASEAN Lao Chairmanship 2024.

ERIA Digital Innovation and Sustainable Economy Centre (E-DISC)

Officiated by His Excellency Airlangga Hartarto, Coordinating Minister of Economic Affairs of Indonesia, and Tetsuya Watanabe, President of ERIA on 24 August 2024, the ERIA Digital Innovation and Sustainable Economy Centre (E-DISC) was established. E-DISC aims to facilitate a robust and responsible digital transformation and leverage digital technologies for sustainable economic growth, social development, and environmental stewardship in ASEAN and East Asia. Its objectives include fostering public-private dialogue, catalysing regional open innovation, nurturing technologically savvy talent, and providing practical policy proposals across digital trade, data governance, and innovation and entrepreneurship areas. Since its inception, E-DISC has undertaken various activities to bolster digital transformation

and innovation-led growth in the region, including research, policy advocacy, startup initiatives, and broader outreach activities.

Research: To enhance collaboration in academic and research with universities across Southeast Asia, E-DISC established the ASEAN Technology University Network. This network conducts joint research and workshops on issues related to digital transformation. E-DISC has signed Memoranda of Understanding (MOUs) with several institutions, including Bandung Institute of Technology of Indonesia, De La Salle University of the Philippines, Universiti Teknologi Malaysia, and King Mongkut's Institute of Technology in Thailand.



Group Photo during the ERIA–De La Salle University Joint Workshop on Digital Divide in ASEAN

E-DISC is developing a research framework to guide digital economy studies within ERIA. Several publications have been released, such as the book 'ASEAN's Digital Integration: Evolution of the Framework Documents,' exploring ASEAN's digital policies and integration characteristics, and a discussion paper titled 'Accelerating Artificial Intelligence Discussions in ASEAN,' focusing on AI's significance, challenges in ASEAN, and providing policy recommendations. Furthermore, the 15th Empirical Investigation in Trade and Investment Conference, hosted by E-DISC, brought together international trade researchers to present their latest findings, including on digitalisation.

Demand-Driven Policy Support: E-DISC serves as a knowledge partner for the ASEAN Digital Economy Framework Agreement (DEFA) negotiations, providing policy support to ASEAN DEFA officials. Ongoing engagement includes ASEAN-ERIA DEFA Roundtable discussions, submission of policy papers, and country-specific studies to support ASEAN Member States' readiness for the DEFA.

Supporting Region-wide Startup Ecosystem in ASEAN and East Asia: E-DISC initiates efforts to promote collaboration, growth, and development in the startup ecosystem of ASEAN and East Asia. It launched the E-DISC Membership Programme, offering networking opportunities for members and partners and encouraging the utilisation of E-DISC center for startup initiatives. E-DISC also organises the One ASEAN Startup Award to recognise and support promising startups in ASEAN.

The First ASEAN Startup Roundtable addressed key issues impacting the tech startup ecosystem. E-DISC is working on a white paper outlining the current state of the ASEAN startup ecosystem and providing policy recommendations for strengthening open innovation in the region.

Other startup-related events include the Space Tech Meet Up and the Pre-Event for the ASEAN-Japan Generation Z Business Leaders' Summit, highlighting E-DISC's commitment to supporting emerging regional startups and positioning E-DISC as a pivotal hub for startup activity in the region.

As the youngest unit in ERIA, the list of event activities can be found at Annex J: E-DISC Event List.



ASEAN–Japan Generation Z Business Leaders' Summit

Policy Design Department

Policy Design Department

In 2023, the Policy Design Department (PDD) continued to intensify its work on regional economic integration through policy research and advice, supporting medium- and long-term development and economic integration of the ASEAN and East Asia region. The department increasingly engaged with ASEAN Member States (AMS) senior officials on various economic issues, and with the private sector through the ASEAN Business Advisory Council (ABAC).

These engagements included support for Indonesia's Chairmanship of ASEAN in 2023 and Lao PDR's Chairmanship, which began in September 2023.

Additionally, the PDD had productive collaborations with multilateral organisations and other stakeholders, providing country-specific support in the case of Viet Nam's drafting process of The Law on Industrial Development of Viet Nam, and starting the implementation of the ASEAN NTM Tool Kit for Indonesia. The department also participated in meetings with organisations such as the Asia-Pacific Economic Cooperation (APEC), East Asia Summit Clean Energy Forum (EASCEF), Asia Zero Emissions Community (AZEC), and the International Economic Association (IEA). These efforts met the demand for support from governments, multilateral organisations, development partners, and other stakeholders through intensive cooperation and collaboration with other departments and units in ERIA, such as the Research Department, Energy Unit, Environmental Unit, Regional Knowledge Centre on Marine Debris, Healthcare Unit, Digital Innovation and Sustainable Economy Centre, and supported by the Capacity Building, Communications, Publications, and Outreach departments.

The PDD aims to continue this collaboration within and outside ERIA to produce high-quality policy research and advice that can help address the economic and regional challenges in the region.

PDD's Support on Priority Economic Deliverables for Indonesia's ASEAN Chairmanship 2023:

(i) Support on the AEC's Priority Economic Deliverables:

Development of the ASEAN Blue Economy Framework initiated by BAPPENAS in collaboration with the ASEAN Secretariat. The framework was endorsed and adopted at the 43rd ASEAN Summit in September 2023. ERIA also provided support as knowledge partner in the 1st ASEAN Blue Economy Forum held in Belitung in July 2023.

Publication of the Action Roadmap for Sustainable Tourism Development in ASEAN presented in the 26th Meeting of ASEAN Tourism Ministers and published by the ASEAN Secretariat.

Development of the ASEAN Leaders Declaration on Strengthening Food Security and Nutrition in Response to Crises adopted at the 43rd ASEAN Summit.

Co-organised the ASEAN Indo-Pacific Forum where ERIA also served as a content partner for the forum.

Produced a Discussion Paper titled 'Driving Circular Economy Transition through Digitalisation' for the 12th East Asia Summit (EAS) Senior Economic Officials Meeting (SEOM-EAS) held in July 2023 and the 11th EAS Economic Ministers Meeting (EAS-EMM) held in August 2023.

(ii) Support to the Lao PDR Chairmanship:

Conducted a Study on Narrowing the Development Gap (PED for Lao Chairmanship) in collaboration with the ASEAN Secretariat and Lao PDR's ASEAN 2024 Chairmanship.

Developed ASEAN Eco-tourism Standards for Facilities and Services to enhance the quality and competitiveness of ecotourism offerings in the region.

Developed the Guidelines for Crop Burning Reduction to support the implementation of the ASEAN Carbon Neutrality Strategy.

Developed the Action Plan on Sustainable Agriculture. Achieved substantial progress towards finalising the Successor Agreement on the ASEAN Power Grid and Multilateral Power Trade in the region.

(iii) Support to ASEAN Sectoral Bodies and the ASEAN Secretariat:

Completion of the Follow-up Trade Transaction Cost (TTC II) providing a quantitative assessment of the reduction in trade transactions cost in the region.

Completion and publication of the public report of the Follow-Up Study on the ASEAN Seamless Trade Facilitation Indicators and Trade Transactions Cost (ASTFI-TTC II) highlighting the implementation of key trade facilitation initiatives.

Conducted a Policy Study on 'ASEAN's Memorandum of Understanding on the Non-Tariff Measures (NTMs) on Essential Goods: Impact Assessment' requested by AMS and presented at the 28th Meeting of the ASEAN Trade Facilitation Joint Consultative Committee.

Piloted Good Regulatory Practice in Selected Strategic Sectors in ASEAN focusing on the electric vehicles and batteries industries.

Developed the Work Programme to Support Implementation of the Framework for Circular Economy (FCE) for the ASEAN Economic Community (Work Programme) including training sessions for ASEAN policymakers related to circular economy.

Carried out the ASEAN Public Post-2025 Survey to contribute towards developing the Post-2025 Vision of the ASEAN Community.

Conducted the ASEAN Post-2025 Vision Research Study contributing to developing the new AEC blueprint.

Contributed to the WTO Handbook on Good Regulatory Practice to Facilitate Service Trade by showcasing success stories in the application of good regulatory practices in identified services sectors in ASEAN.

Organised the 'Making ASEAN Trade in Services 4.0: IR 4.0 Programme for Young Professionals' in Lombok Indonesia in collaboration with the ASEAN Coordinating Committee on Services, from 2–6 September 2023.

Support for AMS:

- (i) Support for The Drafting Process of The Law on Industrial Development of Viet Nam by providing extensive experience and knowledge on Viet Nam's economic development.
- (ii) NTM Cost-Effectiveness Tool Kit Implementation for Indonesia to support the Implementation of the NTM Toolkit for Indonesia.

Collaboration with other International Organisations:

- (iii) Participation in various events including the APEC Economic Committee Meeting, East Asia Summit Clean Energy Forum, ASEAN Ministers on Agriculture and Fisheries (AMAF) and Asia Zero Emission Community (AZEC), among others, to contribute expertise and foster cooperation in addressing regional challenges.

The PDD's endeavours underscore its commitment to promoting regional economic integration and sustainable development in the ASEAN and East Asia region.



Outreach and Dissemination

Communications

The Communications Department at ERIA is dedicated to enhancing the organisation’s visibility and strengthening engagement with stakeholders, including policymakers, academics, the media, and the general public. This is achieved through a variety of channels such as events, the ERIA website, social media, podcasts, media relations, video production, brand management, and design services. By leading outreach efforts, the Communications Department integrates its work across all research and policy projects. It collaborates closely with the Research Divisions, the Policy Design Department, the Publications Department, and the Capacity Building Programme to ensure their outputs reach the intended audiences.

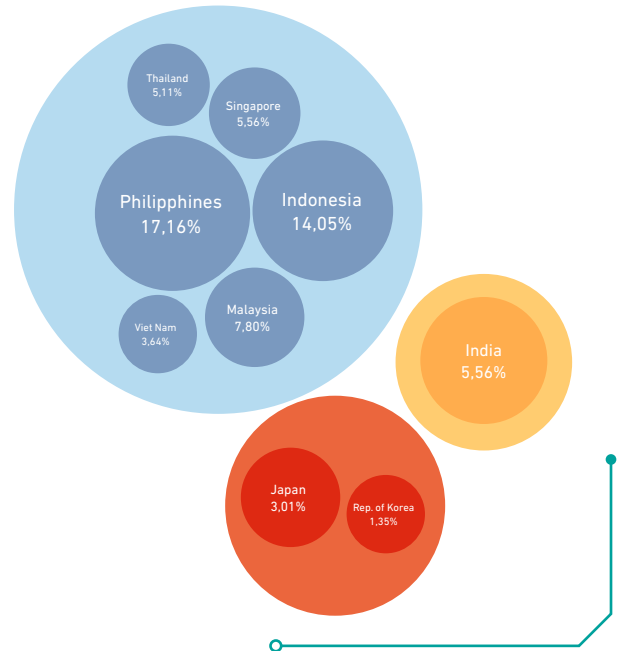
Website, Social Media, and Online Presence

Throughout FY2023, the Department prioritised the development of a new ERIA website, aiming to enhance user experience for accessing ERIA publications and learning about its activities. These efforts yielded positive results, reflected in a significant increase in website visits to around 1.2 million, accompanied by longer average visit durations. Additionally, the Communications team provided insights for the overhaul of the websites for the Asia CCUS Network and the Regional Knowledge Centre for Marine Plastic Debris. They also began developing a microsite for the Asia Zero Emission Centre. ERIA’s sustained social media engagement led to a substantial surge in followers on LinkedIn, the primary platform, reaching more than 12,000 followers.

Table 1 : Social Media Highlights FY2023

LinkedIn Followers	YoY increase of 55%
LinkedIn Profile Visits	YoY increase of 33%
Facebook Engagement	YoY increase of 14%
Total Website Views	1.2 million

Figure 1: Website Views FY2023



Videos

Videos have become an increasingly vital tool for promoting projects, explaining outcomes, and educating people on specific issues. ERIA utilises them on social media, its website, and at events to provide succinct and engaging content that attracts people to ERIA's research and clarifies key issues and recommendations. In FY2023, the department produced 40 new videos, primarily of ERIA's events. Over the past year, our videos were viewed around 82,500 times. Analytics also show that our videos reached approximately 950,000 people worldwide throughout the year.

Media Relations and Coverage

Media is a key channel through which ERIA disseminates its research findings, policy recommendations, and news of its accomplishments. The organisation collaborates closely with media professionals to enhance their understanding of ASEAN priorities and effective reporting techniques. Highlights include the annual Editors' Roundtable in Jakarta, attended by 29 journalists from the region, and two media briefings. The first briefing, aimed at energy journalists, provided an overview of

ERIA's work on carbon capture and utilisation (CCUS) as part of the Asia CCUS Network. The second briefing, in collaboration with the Australian Embassy in Vientiane, was for journalists in Lao PDR, focusing on the country's ASEAN Chairmanship and best practices in media reporting. Additionally, the Communications Department continued to work with editors to place ERIA op-eds and distribute press releases.

Some key numbers from 2023 include the following:

- Total media exposure: 730 articles in 342 news outlets, published in 52 countries and 18 languages.
- Total op-eds placed: 99 titles, published 119 times across 30 media outlets.

Communications Publications

ERIA Frames, ERIA's electronic subscription newsletter, was regularly distributed to over 11,000 contacts. Each year, the Department produces a compilation of summaries of ongoing research projects, which continues to grow as the number of projects increases, reaching 103 in 2023.

Events

Online and hybrid events remain ERIA's preferred format, as they attract significantly more participants than in-person events and offer a global reach. ERIA's Communications team handles the technical aspects of these events and manages outreach through social media, the website, and email campaigns. Additionally, the team organises and hosts various roundtables, discussions, and briefings to showcase the work of ERIA's experts. Last year, the department played a crucial role in several prominent events, including the EU–Indo Pacific Forum organised with IFRI in Paris, France; the Nordic-ASEAN Forum organised with ISDP and STRING in Malmö, Sweden; the launch of the ERIA Digital Innovation and Sustainable Economy Centre (E-DISC); the annual ASEAN Connectivity Symposium; and visits from the Foreign Ministers of Malaysia and Indonesia, as well as the Health Minister of Indonesia.

Knowledge Management

ERIA's research and expertise demand meticulous organisation to ensure that publications and information are readily accessible. The Communications Department is responsible for entering all publications into the Research Papers in Economics (RePEc) database. Additionally, it manages a library that includes in-house publications and external newspapers, providing valuable reference materials for researchers. The department also archives ERIA events, both physically and digitally, in the Information Centre. The digital archives include photos, videos, key visuals, marketing materials, and news articles.

Publications

The Economic Research Institute for ASEAN and East Asia (ERIA) publishes a diverse range of materials including books, research reports, discussion papers, and policy briefs to disseminate its research findings and policy recommendations. These publications cover various topics focusing on deepening economic integration, narrowing development gaps, and sustainable development, which are the three pillars underpinning ERIA's research agenda. Additionally, ERIA is actively engaged in energy-related research and has been conducting research on healthcare, the environment, and agriculture for the past 5 years.

During the fiscal year 2023, ERIA played an active role in supporting the ASEAN Chairmanship of Indonesia. It published numerous reports, policy briefs, and discussion papers exploring their implications for various aspects of the economy such as trade, investment, fiscal policy, energy, and healthcare. ERIA also collaborates with leading global publishers, co-publishing books with entities such as Routledge, Springer, World Scientific, and IGES. Notably, ERIA released 10 books during this period, including the two-series 'Infrastructure

for Inclusive Economic Development' with a foreword from President Joko Widodo of Indonesia and contributions from three ministers. Furthermore, ERIA launched the book titled 'Viet Nam 2045: Development Issues and Challenges,' officially introduced by H.E. Thuong, President of Viet Nam, and Prime Minister Fumio Kishida of Japan.

In fiscal year 2023 alone, ERIA produced a total of 10 books, 30 research project reports, 35 discussion papers, and 15 policy briefs, highlighting its commitment to generating valuable insights and recommendations for the region.

Planning and Coordination

The Planning and Coordination Department (PCD) has the primary responsibility of maintaining communication with the prominent stakeholders of ERIA – the Governing Board and the Academic Advisory Council. The Governing Board, consisting of the Secretary-General of ASEAN and representatives from 16 countries, serves as the decisive decision-making body of ERIA. On the other hand, the Academic Advisory Council, comprising distinguished experts in various academic disciplines, plays a vital role in providing valuable insights and guidance to ERIA's initiatives.

To facilitate the Council's provision of valuable advice and support to ERIA, PCD arranged the 15th Academic Advisory Council Meeting on 6 April 2023, conducted virtually. The 16th ERIA Governing Board meeting was held on 7 June 2023, marking the first time the annual meeting was conducted

in person after the pandemic era. During this meeting, the Governing Board elected Mr Tetsuya Watanabe as the new President of ERIA for the term 2023 to 2028. As ERIA welcomed its new leader, the organisation also expressed deep appreciation for the first President, Professor Hidetoshi Nishimura, who served since its inception in 2008.

On the same day, PCD organised back-to-back meetings, namely the Meeting between ERIA and ASEAN Ambassadors, and the Meeting between ERIA, Ambassadors of ERIA Member States, and Dialogue Partners. This day concluded with the Celebration of ERIA's 15th Anniversary, marking a significant milestone for ERIA and its journey parallel to regional economic integration. The event was attended by more than 200 guests and a long list of luminaries, including the Secretary-General of ASEAN, H.E. Dr. Kao Kim Hourn, and other notable figures.



15th Meeting between ERIA, Ambassadors of ERIA Member States and Dialogue Partners



Praise for Achievements pour in as ERIA celebrates its 15th Anniversary

As part of its responsibility to support side events, the Planning and Coordination Department was mandated by the President of ERIA to be involved in the ASEAN Indo-Pacific Forum, a flagship event for the nation's Chairmanship of ASEAN 2023, organised by the Ministry of Foreign Affairs. This forum provided a crucial platform for ASEAN and the Indo-Pacific to collaborate and chart a course for mutual growth.

Additionally, together with the Institute of Developing Economics-Japan External Trade Organization (IDE-JETRO), PCD was responsible for arranging and coordinating the Research Institute Network (RIN) annual meeting held in Chiba, Japan. The primary topic for discussion was transformation as a catalyst for result density and a sustainable economy amid geopolitical uncertainty. Moreover, PCD organised a discussion on geopolitical risks and their impact on ASEAN and East Asia

in cooperation with IDE-JETRO and RIN members.

PCD closed the fiscal year by organising the 3rd ERIA Extraordinary Governing Board Meeting on 6 February at the ASEAN Secretariat, Jakarta. Through this meeting, various board members shared their views on possible new directions and issues that ERIA might face, emphasising the importance of wide dissemination and full utilisation of ERIA's research output.

To keep prominent stakeholders updated about ERIA's research and activities, PCD continued the dissemination of ERIA reports and publications to the GB members, AAC members, RIN members, and Ambassadors of ERIA member states and Dialogue Partners.

Capacity Building

The ERIA Capacity Building Programme (CBP) continued to respond to the needs and requests of governments in a timely manner during the course of the year.

However, 30 June saw the conclusion of the 5-year CBP generously supported by the Government of Australia. This support had allowed ERIA to hold over 150 activities for Cambodia, Lao PDR, and Myanmar, reaching out to thousands

of government officials, as well as the private sector for certain activities. Activities were all in line with ASEAN and wider regional priorities supporting economic integration.

The support provided allowed ERIA to enhance practical skills on trade related issues, for example, how to deal with rules of origin, transpose tariff codes and differentiate non-tariff measures from barriers, and issues relating to e-commerce.



Photo group of workshop with Ministry of Commerce, Cambodia, Phnom Penh, March 2024

Government officials were able to participate in key ongoing ERIA studies, a forward-looking exercise providing officials with the opportunity to focus on key concerns for the future, such as changes being brought about to global production value chains, and service supply chain. There were also series on policy-modelling, enhancing the capacity of government officials to be able to undertake more rigorous, evidence-based analysis for policy-making. The five-year programme happen during a period of considerable change in the global and regional context, as evidenced by the Covid-19 pandemic and entry into force of RCEP. The CBP was pleased to be able to respond to all of these, along with issues such as 4IR and the digital economy.

Activities completed in the final months of the DFAT grant focused on legal scrubbing and the development of negative lists. Workshops were also held on the circular economy, of which the implementation framework was a priority economic deliverable in 2022 and to which ERIA contributed.

The CBP prioritised ensuring continuity of participation of officials in ERIA's on-going study during the year, as well as responding to emerging needs, such as a workshop for Cambodia on the transposition of tariff codes from 2017–2022.

By the end of the year, almost 200 government officials had participated in capacity building activities based around its three components: (i) participation in ERIA research, (ii) ASEAN Capacity Building and regional priorities, and (iii) increased research capacity.



Group photo of workshop with Ministry of Planning and Investment, Lao PDR, Vientiane, June 2023.

The Strategy and Partnership Programme (SPP)

The Strategy and Partnership Programme (SPP) continued to expand the development of programmes and knowledge products (policy briefs, discussion papers, event reports, and op-eds) on innovation, start-up ecosystems, economic empowerment of women, disability, and social inclusion. The SPP also contributed to strengthening and widening collaboration with stakeholders in the region, enhancing advocacy for ERIA's initiatives by establishing multiple partnerships with relevant stakeholders.

A. Policy Dialogues and Partnerships in Collaboration with the ASEAN+6 and Relevant Stakeholders

Policy Dialogues and Partnerships in Collaboration with the ASEAN+6 and relevant Stakeholders. Key activities included the following:

- Representing ERIA at Startup20, the newly established G20 engagement group on entrepreneurship and innovation ecosystems, under the G20 India Presidency.¹
² SPD was appointed Co-Chair of the Startup20 Inclusion Task Force.



ERIA delegation in Startup20, Haryana, India, July 2023

- The SPP team produced a knowledge product for the World Economic Forum on the chapter WEF Transformation Map of ASEAN. The transformation map showcases eight cross-cutting and emerging issues occurring in the ASEAN region, which include: economic integration, geo-political, inclusive growth, digital transformation, skills development, circular economy, green transition, millennial and GenZ consumers, digital transformation, innovation and entrepreneurship in ASEAN.³
- SPP conducts a series of webinars in partnership with the Asian Development Bank Southeast Asia Development Solutions (ADB SEADS) and Amazon Web Services (AWS). The discussion is varied from financial technology inclusion to cloud and artificial intelligence.⁴
- SPP supported the OECD Platform for Entrepreneurship Education Collaboration and Engagement Network (EECOLE). This partnership aims to assess how higher education institutions play a key role in innovation ecosystems and are actively contributing to the SDGs agenda, followed by a series of webinar on the issues⁵. SPD has been appointed as Chair of the Steering Group of OECD EECOLE.
- The SPP has worked in partnership with several international institutions including the UNCTAD eTrade for All initiative, ADB Southeast Asia Development Solutions (ADB SEADS), Islamic Development Bank (IsDB), Digital Cooperation Organisation (DCO) and the Asian Network. Several activities focused on the digital economy, trade, and women's empowerment.

¹<https://www.eria.org/news-and-views/eria-joins-startup20-meeting>

²<https://www.eria.org/news-and-views/startup20-summit-driving-global-innovation-and-inclusive-entrepreneurship-across-g20-economies>

³<https://www.eria.org/news-and-views/the-world-economic-forums-asean-transformation-maps-co-curated-by-eria>

⁴<https://www.eria.org/news-and-views/achieving-financial-inclusion-through-technology-and-the-cloud>

⁵<https://www.eria.org/news-and-views/eria-discusses-entrepreneurship-and-sustainable-development-with-oecd-eecole-initiative>

B. Entrepreneurship–Startup–Innovation Knowledge Lab for E-DISC

The Entrepreneurship- Startup-Innovation (E-S-I) Knowledge Lab has become part of newly ERIA's Digital Innovation and Sustainable Economy Centre (E-DISC). It also includes the merger of its social media, since its establishment in mid-2022, the E-S-I Knowledge Lab LinkedIn page has more than 700 subscribers. Through the gained networks from the ESI Knowledge Lab, SPP

supports EDISC development by establishing connections with relevant existing partners including the Ministry of Communications and Informatics (Kominfo), Nanyang Technological University Singapore (NTU), and Digital Cooperation Organisation (DCO). Despite the merger, SPP continues to work on this issue by conducting a study for the youth and digitalization policy and initiative to promote youth entrepreneurship and agritech ecosystem in Asia in partnership with the Food Agriculture Organisation (FAO).



ERIA and UNCTAD e-Trade Masterclass for Women Kuala Lumpur, July 2023

C. Economic Empowerment of Women and the Participation of Women in the Digital Economy

ERIA in partnership with the United Nations Conference on Trade and Development (UNCTAD) eTradeForWomen initiative and B2B e-commerce platform Dropee, organized the first in-person eTradeForWomen Masterclass on Scaling Up Women-led Digital Businesses to support women in the digital economy.⁶ ERIA also continuously supports the women entrepreneurs community gathering⁷.

A forward-looking effort to promote women participation in the digital economy (WDE) and Women Peace Security (WPS), ERIA explores potential collaboration with ASEAN IPR on conducting joint programme on the theme of WDE and WPS.

D. Disability and Social Inclusion

The inclusion of persons with disabilities is one of the key priorities for ASEAN. SPP carries forward the dissemination of 3 ERIA Publications on 1) Inclusive Education in ASEAN: Fostering Belonging for Students with Disabilities; 2) Technology and Disability: Trends and Opportunities in the Digital Economy in ASEAN; 3) Social Enterprises and Disability: Promoting Inclusion, Innovation, and Entrepreneurship in ASEAN to raise the awareness, advocate good practices and fostering partnerships with relevant stakeholders in this region.⁸

These efforts demonstrate SPP's commitment to advancing innovation, inclusivity, and economic empowerment in the ASEAN region and beyond.

The Strategy and Partnership Programme (SPP) continued its efforts in developing programmes and knowledge products focusing on innovation, start-up ecosystems, economic empowerment of women, disability, and social inclusion during FY2023. Here are the highlights of its activities:

A. Policy Dialogues and Partnerships in Collaboration with ASEAN+6 and Relevant Stakeholders:

SPP represented ERIA at Startup20, the newly established G20 engagement group on entrepreneurship and innovation ecosystems, under the G20 India Presidency, and was appointed Co-Chair of the Startup20 Inclusion Task Force.

The team produced a knowledge product for the World Economic Forum on the chapter WEF Transformation Map of ASEAN, highlighting eight cross-cutting and emerging issues in the ASEAN region.

SPP conducted a series of webinars in partnership with the Asian Development Bank Southeast Asia Development Solutions (ADB SEADS) and Amazon Web Services (AWS) covering various topics from financial technology inclusion to cloud and artificial intelligence.

⁶<https://www.eria.org/news-and-views/scale-up-women-led-digital-business-in-asean-and-the-pacific>

⁷<https://www.eria.org/news-and-views/eria-supports-empowering-the-women-led-entrepreneurs-community>

⁸<https://www.eria.org/news-and-views/disability-discussion-focuses-on-fostering-innovation-awareness-social-impact-in-asean>

SPP supported the OECD Platform for Entrepreneurship Education Collaboration and Engagement Network (EECOLE) and organised webinars focusing on the role of higher education institutions in innovation ecosystems and their contribution to the SDGs agenda.

Collaborations with international institutions such as UNCTAD eTrade for All initiative, ADB Southeast Asia Development Solutions (ADB SEADS), Islamic Development Bank (IsDB), Digital Cooperation Organization (DCO), and the Asian Network focused on the digital economy, trade, and women's empowerment.

B. Entrepreneurship–Startup–Innovation Knowledge Lab for E-DISC:

The Entrepreneurship–Startup–Innovation (E-S-I) Knowledge Lab became part of ERIA's Digital Innovation and Sustainable Economy Centre (E-DISC). Despite the merger, SPP continued its work, including conducting a study on youth and digitalisation policy and promoting youth entrepreneurship and agritech ecosystem in Asia in partnership with the Food Agriculture Organization (FAO).

C. Economic Empowerment of Women and Participation in the Digital Economy:

ERIA, in partnership with UNCTAD eTrade for Women initiative and B2B e-commerce platform Dropee, organised the first in-person eTrade for Women Masterclass on Scaling Up Women-led Digital Businesses. Efforts to support women entrepreneurs in the digital economy continued.

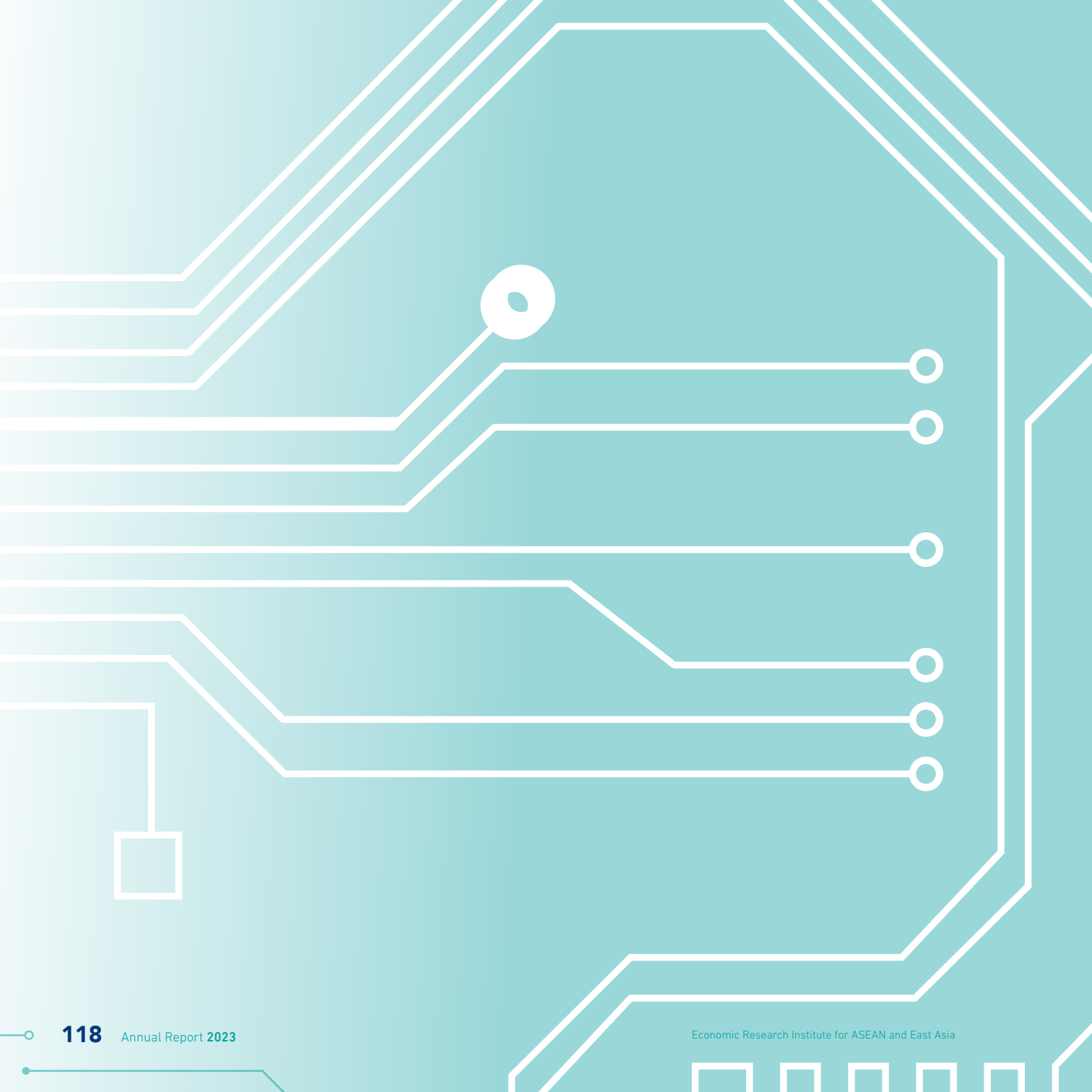
ERIA explored potential collaboration with ASEAN IPR on conducting joint programmes on Women's Digital Economy and Women Peace Security (WPS).

D. Disability and Social Inclusion:

SPP disseminated three ERIA Publications focusing on inclusive education, technology and disability, and social enterprises and disability in ASEAN to raise awareness and advocate for good practices.

Partnership with the Neurodiversity at Work Research Centre facilitated surveys to gather insights into public perceptions and attitudes towards diversity and inclusive employment of People with Disabilities (PwD) and neurodivergence (NDs).

The established partnership between SPP and the Neurodiversity at Work Research Centre, the first Southeast Asia hub of inclusion research dedicated to connecting workers with disabilities to meaningful employment keeps going forward. Together with the centre, ERIA surveys gather valuable insights into public perceptions and attitudes towards diversity and inclusive employment of People with Disabilities (PwD) and neurodivergence (NDs).



Annexes

Annex A

Governing Board Members

The Governing Board is the decision-making body of ERIA and consists of the Secretary General of ASEAN and representatives from each of the 16 member countries, all of whom have backgrounds in academia, business, and policymaking.

Updated as of 28 May 2024

ASEAN	H.E Dr Kao Kim Hourn	Secretary-General of ASEAN
Australia	Mr Christopher Langman	Chair of the Australian Pacific Economic Cooperation Council Committee (AusPECC)
Brunei Darussalam	Mr Hairol Nizam Hamid	Acting Director General, Department of Economic Planning and Statistics (DEPS), Ministry of Finance and Economy (MOFE)
Cambodia	H.E. Mr Ros Seilava	Secretary of State, Ministry of Economy and Finance of Cambodia; Member of Supreme National Economic Council (SNEC)
China	Prof Ye Hailin	Vice Dean of National Institute of International Strategy, Chinese Academy of Social Sciences
India	TBC	TBC
Indonesia	Dr Teguh Dartanto	Dean of Faculty of Economics and Business University of Indonesia
Japan	Mr Sadayuki Sakakibara	Executive Advisor to the Ministry of Economy, Trade, and Industry; Former Chairman of Nippon Keidanren (Japan Business Federation)

Rep. of Korea	Ambassador Suh Jeong-in	Former Ambassador to ASEAN; Research Fellow of the Korea University ASEAN Center (KUAC); Inspector at the Korea International Cooperation Agency (KOICA)
Lao PDR	Dr Leeber Leebouapao	Chairman of the Planning, Finance, and Audit Committee, National Assembly of Lao PDR
Malaysia	Dato' Hairil Yahri Yaacob	Secretary General of Ministry of Investment, Trade and Industry
Myanmar	H.E. Dr Wah Wah Maung	Deputy Minister of the Ministry of Investment and Foreign Economic Relations
New Zealand	Dr Alan Bollard	Professor of Practice at the Wellington School of Business and Government and inaugural Chair for Pacific Region Business, Victoria University of Wellington.
Philippines	Mr Ramon Lopez	Former Secretary of the Philippine Department of Trade and Industry (DTI), Independent Director of SM Investments Corporation (SMIC)
Singapore	Ambassador Barry Desker	Distinguished Fellow, S. Rajaratnam School of International Studies, Nanyang Technological University
Thailand	Dr Puntit Jongjittrakoon	Vice Minister for Commerce, Ministry of Commerce
Viet Nam	Dr Tran Thi Hong Minh	President, Central Institute for Economic Management (CIEM)

Annex B

Academic Advisory Council

The Academic Advisory Council is composed of internationally renowned East Asia Summit countries' scholars and experts from universities, research institutions, the private sector, international organisations and non-governmental organisations.

The council provides advice and support to the Office of the President, in particular:

- Advice on the annual work program plan;
- Review and evaluation of the research outcome; and
- Review and evaluation of the performance of researchers.

Prof. Dr Peter Drysdale	Emeritus Professor Crawford School of Public Policy, Australian National University
Mr Pravin Kumar Agarwal	Director of The Energy and Resource Institute, India
Prof. Kyoji Fukao	President of The Institute of Developing Economies (IDE) JETRO, Japan
Dr Shankaran Nambiar	Senior Research Fellow and Head, Policy Studies Division, Malaysian Institute of Economic Research, Malaysia
Dr Hank Lim Giok-Hay (Chairman)	Senior Research Fellow of SIIA, Singapore
Prof. Gary Richard Hawke	Emeritus Professor, Victoria University of Wellington, and Senior Fellow, NZ Institute of Economic Research, New Zealand
Prof. Zhang Yuyan	Director, Professor, Institute of World Economics & Politics, Chinese Academy of Social Sciences (CASS), China

Annex C

Research Institutes Network

The Research Institutes Network (RIN) consists of research institutes from 16 East Asia Summit countries. ERIA requests the continued cooperation from RIN in the following areas:

- Support ERIA's research activities by providing ERIA with country information and research findings from individual countries, and by giving advice on ERIA's research themes and policy recommendations;
- Encourage the dissemination of ERIA's research outcomes to policymakers and political leaders who implement policies, as well as to opinion leaders in countries;
- Support ERIA's capacity building programmes; and
- While ERIA will seek the best available talent for its research activities, it will look especially for participation from among RIN members.

Australia	Australian National University (ANU)	anu.edu.au
Brunei Darussalam	Brunei Darussalam Institute of Policy and Strategic Studies (BDIPSS), Ministry of Foreign Affairs	mfa.gov.bn
Cambodia	Cambodian Institute for Cooperation and Peace (CICP)	cicp.org.kh
China	National Institute of International Strategy, Chinese Academy of Social Sciences (CASS)	casseng.cssn.cn
India	Research and Information System for Developing Countries (RIS)	ris.org.in
Indonesia	Centre for Strategic and International Studies	csis.or.id
Japan	Institute of Developing Economies (IDE-JETRO)	ide.go.jp

Rep. of Korea	Korea Institute for International Economic Policy (KIEP)	kiep.go.ir
Lao PDR	Lao Academy of Social and Economic Sciences (LASES), Macroeconomic Research Institute (MRI)	lases.gov.la
Malaysia	Institute of Malaysian and International Studies (IKMAS) Malaysia	ukm.my/ikmas
Myanmar	Yangon University of Economics (YUE)	yueco.edu.mm
New Zealand	New Zealand Institute of Economic Research (NZIER)	nzier.org.nz
Philippines	Philippine Institute for Development Studies (PIDS)	pids.gov.ph
Singapore	Singapore Institute of International Affairs (SIIA)	siiainline.org
Thailand	Thailand Development Research Institute (TDRI)	tdri.or.th
Viet Nam	Central Institute for Economic Management (CIEM)	ciem.org.vn

Annex D

Energy Research Institutes Network

The Energy Research Institutes Network (ERIN) consists of research institutes from 16 East Asia Summit countries. ERIA requests the ERIN to:

- Support ERIA's energy research activities by providing country information and research findings from individual countries and giving advice on energy research themes and policy recommendations.
- Encourage the dissemination of ERIA's energy research outcomes to policymakers and political leaders who shall implement policies as well as to opinion leaders in member countries.
- Support ERIA's capacity building programme.
- Participate in ERIA energy research activities.

Brunei Darussalam	TBC	TBC
Cambodia	Ministry of Mines and Energy	mme.gov.kh
Indonesia	Indonesian Institute for Energy Economics (IIEE)	iiee.or.id
Lao PDR	National University of Laos (NUOL)	nuol.edu.la
Malaysia	Universiti Tenaga Nasional (UNITEN)	uniten.edu.my
Myanmar	Ministry of Energy	energy.gov.mm
Philippines	University of the Philippines Diliman (UP)	up.edu.ph
Singapore	Energy Research Institute (ERI), Nanyang Technological University (NTU)	erian.ntu.edu.sg

Thailand	Energy Research Institute (ERI), Chulalongkorn University (CU)	eri.chula.ac.th
Viet Nam	Institute of Energy (IE), Ministry of Industry and Trade (MOIT)	ievn.com.vn
Australia	Australian National University (ANU)	anu.edu.au
China	Centre for Energy and Environment Policy Research (CEEP), Beijing Institute of Technology (BIT)	ceep.bit.edu.cn
India	The Energy and Resources Institute (TERI)	teri.res.in
Japan	The Institute of Energy Economics, Japan (IEEJ)	eneken.iecej.or.jp
Korea	Seoul National University (SNU)	snu.ac.kr
Mongolia	Energy Economics Institute (MEEI), Ministry of Energy (MOE)	meei.energy.gov.mn
New Zealand	The University of Auckland (UoA)	auckland.ac.nz
United States of America	The National Bureau of Asian Research (NBR)	nbr.org

Annex E (FY2023)

ERIA Officials, Researchers, Associates, and Staff



Office of the President

Top (Left to Right)

Fusanori Iwasaki (Senior Research Associate, and Director for Policy Research), **Noviawaty** (Senior Secretary to The President), **Mochammad Fajar Akbar** (Assistant, Research Activities), **Tomy Waskitho** (Executive Secretary to the President and Research Associate, President Office).

Bottom (Left to Right)

Anita Prakash (Senior Policy Advisor for International Economic Cooperation), **Tetsuya Watanabe** (President), **Naoto Okura** (Policy Fellow, President Office).

General Affairs

Top (Left to Right)

Nepon VT Sihombing (Senior Assistant to Senior Policy Advisor for IEC & Senior Assistant, General Affairs), **Evi Novita Siburian** (Legal Assistant), **Ashri Nadia** (Supervisor for COO), **Mailinda** (Senior Assistant, General Affairs), **Arisanty Kusumaninten** (Senior Assistant, General Affairs), **Iin Salimah** (Senior Assistant, General Affairs), **Annas Buchori** (Senior Assistant, General Affairs)

Bottom (Left to Right)

Irvan Yusirman (System Expert), **Maria Fransisca Anastasia** (Senior Assistant, General Affairs), **Koji Hachiyama** (Chief Operating Officer (COO), Director General of Administration and Personnel Department & Outreach Department), **Irene Juitania** (Legal Specialist), **Maher Almatsier** (Senior Assistant, General Affairs)



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Hiroshi Ishikawa (Senior Program Advisor on Startup Ecosystem and Research Fellow)



Annex F

Summit Statements in FY2023

Joint Media Statement of the 27TH MEETING OF ASEAN TOURISM MINISTERS

25 January 2024, Vientiane, Lao PDR

THE 27TH MEETING OF ASEAN TOURISM MINISTERS

Ensuring Sustainable and Inclusive Tourism Development for All

16. The Meeting commended the work related to the development of the Action Roadmap for Sustainable Tourism Development in ASEAN and expressed appreciation to Economic Research Institute for ASEAN and East Asia (ERIA) for their support on this initiative. The Meeting endorsed the Action Roadmap which aims to provide guidance for ASEAN in areas such as core values, innovation for sustainability, and ways to empower relevant stakeholders to be more sustainable. The Meeting also noted that the Action Roadmap sets broad targets for ASEAN Member States, given the varied stages of sustainable development in the region.

Asia Zero Emission Community (AZEC) Leaders' Joint Statement

18 December 2023, Tokyo, Japan

Asia Zero Emission Community (AZEC) Leaders' Joint Statement

Promoting policy support and collaboration in tangible projects

To this end, we invite the Economic Research Institute for ASEAN and East Asia (ERIA) to set up Asia Zero Emission Center as a platform to share information, conduct studies on policies and projects and help AZEC partners develop vision, roadmaps or policies towards decarbonization, where applicable, to promote energy transitions.

Fostering cooperation beyond AZEC partners

We will also collaborate with relevant international organisations and institutions such as ERIA, the International Energy Agency (IEA), the International Renewable Energy Agency (IRENA), the ASEAN Center for Energy (ACE), and others as required.

Implementation Plan of the Joint Vision Statement on ASEAN–Japan Friendship and Cooperation Trusted Partners

17 December 2023, Tokyo, Japan

Implementation Plan of the Joint Vision Statement on ASEAN–Japan Friendship and Cooperation Trusted Partners

2. Partners for Co-creation of Economy and Society of the Future

2.1 Economy

2.1.8 Fully utilise ERIA as a think tank for economic policy to support activities of ASEAN and the East Asia Summit (EAS), and encourage ERIA to enhance its function as a platform for contributing to advancing economic cooperation including but not limited to carbon neutrality/net-zero emissions, creating human resource networks among industrial, academic and public sectors, and solving socioeconomic challenges in the region;

2.1.14 Explore cooperation under the ASEAN-Japan Co-Creation Initiative for the Next-Generation Automotive Industry possibly including i) developing a master plan by ERIA for the next generation automotive industry strategy while taking into account the global situation of automobile market and ASEAN's strengths, ii) in collaboration with AZEC platform, coordinating policies among member countries to decarbonise the entire value chain, to build resilient and reliable supply chains that promote reliable and trustworthy sources for strategic goods, and to realise diversified portfolio production and exports including EV/HEV, and iii) promoting the formation of specific "co-created" projects.

2.5 Energy and Critical Minerals

2.5.3 Share information, facilitate discussions and take actions including for the implementation of energy transition initiatives as well as development and deployment of low carbon new and emerging clean energy technologies in areas such as i) energy efficiency, ii) energy conversion, iii) electrification, iv) reduction of carbon emission in the power sector, the transportation sector, including by developing Electric Vehicles ecosystem, and other sectors, v) renewable energy, vi) energy management, vii) bioenergy, viii) natural gas, ix) Liquefied Natural Gas (LNG), x) Carbon Capture, Usage and Storage (CCUS)/Carbon Recycling, xi) hydrogen, xii) ammonia, xiii) critical minerals, and xiv) transition finance including through high integrity carbon markets and

crediting schemes, which will be pursued in collaboration with the ERIA, the ASEAN Centre for Energy (ACE), Final 9 and other international organisations and institutions such as the International Energy Agency (IEA), the International Renewable Energy Agency (IRENA), and others as required;

2.12 Social Issues

2.12.1 Strengthen cooperation in areas such as social protection and social insurance including through the ASEAN and Japan High Level Officials Meeting on Caring Societies, regional initiative under Senior Officials Meeting on Social Welfare and Development (SOMSWD), and the multisectoral activities for individuals with developmental disorders based on the ERIA research;

Joint Statement on the Elevation of the Japan–Viet Nam Relations to the Comprehensive Strategic Partnership for Peace and Prosperity in Asia and the World

28 November 2023, Tokyo, Japan

Joint Statement between Japan-Vietnam

Economic linkages and ensuring economic security

16. The two leaders concurred in continuing strengthening economic linkages between the two countries and affirmed the importance of cooperation to ensure economic security. Japan reaffirmed to continue supporting Viet Nam's development of an independent and self-reliant economy that deeply engages in international integration, and Viet Nam's industrialization and modernization with the goal of becoming a developed country by 2045. As an example of such efforts, the two leaders welcomed that ERIA (Economic Research Institute for ASEAN and East Asia) has submitted a policy proposal "Viet Nam 2045" to both leaders as a reference for formulating policy toward industrialization and modernization of Viet Nam. President Thuong spoke highly of Prime Minister Kishida's new economic package on the cycle of growth and fair distribution.

G7 Trade Ministers' Statement

29 October 2023, Osaka-Saka, Japan

G7 Trade Ministers Meeting

We are grateful for the participation and insights of the ministers of Australia, Chile, India, Indonesia and Kenya, as well as the Director-General of the WTO, the Secretary-General of the Organization for Economic Cooperation and Development (OECD) and the President of the Economic Research Institute for East Asia and ASEAN (ERIA).

JOINT PRESS STATEMENT OF THE THE MEETING OF THE ASEAN-JAPAN MINISTERS ON AGRICULTURE AND FORESTRY (AJMAF)

4 October 2023

AJMAF

8. The Meeting appreciated ERIA's support for organizing the ASEAN-Japan Friendship and Cooperation 50th Anniversary Symposium on Promoting Resilient and Sustainable Agriculture and Food System through Innovation to be held on 21st November 2023 in Jakarta.

JOINT PRESS STATEMENT OF THE FORTY-FIFTH MEETING OF THE ASEAN MINISTERS ON AGRICULTURE AND FORESTRY (The 45TH AMAF)

4 October 2023

The 45TH AMAF

15. The Meeting emphasised the role of digitalisation in enhancing productivity, sustainability, and resilience in the food, agriculture and forestry sectors in the ASEAN region, and further agreed that to fully harness the benefits of digitalisation, it is imperative to engage partners and research institutions such as Economic Research Institute of ASEAN and East Asia (ERIA) to share knowledge and create a supportive ecosystem for digital transformation in the agriculture sector. In this regard, the meeting reiterated the importance of the ASEAN Guidelines on Promoting the Utilisation of Digital Technology for the ASEAN Food and Agricultural Sector and encouraged relevant stakeholders to work with ASEAN and the ASEAN Secretariat on this important agenda.

23. The Meeting appreciated the support extended by the Food and Agriculture Organisation of the United Nations (FAO), Canadian Trade and Investment Facility for Development (CTIF), Consultative Group on International Agricultural Research (CGIAR), Economic Research Institute for East Asia and ASEAN (ERIA), International Institute for Sustainable Development (IISD), Grow Asia, Organisation for Economic Co-operation and Development (OECD), and World Organization for Animal Health (WOAH) in the implementation of the Strategic Plan for ASEAN Cooperation in Food Agriculture and Forestry 2016-2025.

CHAIRMAN'S STATEMENT OF THE 3RD ANNUAL ASEAN-AUSTRALIA SUMMIT

7 September 2023, Jakarta, Indonesia

The 3rd ASEAN-AUSTRALIA SUMMIT

17. We appreciated Australia's commitment of an additional AUD 5 million to the Economic Research Institute for ASEAN and East Asia (ERIA) to support ASEAN's regional economic integration and sustainable and inclusive economic growth and welcomed Australia's appointment of Mr. Nicholas Moore as Special Envoy for Southeast Asia and the release of Australia's Southeast Asia Economic Strategy to 2040 to deepen engagement with the region.

CHAIRMAN'S STATEMENT OF THE 20TH ASEAN-INDIA SUMMIT

7 September 2023, Jakarta, Indonesia

THE 20TH ASEAN-INDIA SUMMIT

13. We appreciated Economic Research Institute for ASEAN and East Asia (ERIA)'s ongoing research activities focussed on specific sectors of India's relevance to ASEAN. We welcomed ERIA's decision to act as a knowledge partner for ASEAN-India relations. In this context, ASEAN welcomed India's support to ERIA.

CHAIRMAN'S STATEMENT OF THE 26TH ASEAN PLUS THREE SUMMIT

6 September 2023, Jakarta, Indonesia

THE 26TH ASEAN PLUS THREE SUMMIT

Review and Future Direction of APT Cooperation

22. We welcomed the completion of the ASEAN Plus Three Research Project for Closing the Digital Divide in MSMEs undertaken by the Economic Research Institute for ASEAN and East Asia (ERIA) and the ASEAN Secretariat. The initiative highlights that to address the digital divide among MSMEs, it is imperative to acknowledge that beyond the improvement of digital infrastructure and financial resources, securing a workforce with both digital skills and fundamental business knowledge would be necessary to effectively utilise digital tools.

34. We welcomed the continuous contribution of the Plus Three countries to reduce marine debris through the ASEAN Plus Three Marine Plastics Debris Cooperative Action Initiative and support the implementation of the ASEAN Regional Action Plan for Combating Marine Debris in the ASEAN Member States 2021-2025. We welcomed in particular activities of the Regional Knowledge Centre for Marine Plastic Debris (RKC-MPD) as an information clearinghouse for the marine plastic issue, as well as collective efforts towards the achievement of Sustainable Consumption and Production (SCP).

CHAIRMAN'S STATEMENT OF THE 26TH ASEAN-JAPAN SUMMIT

6 September 2023, Jakarta, Indonesia

THE 26TH ASEAN-JAPAN SUMMIT

15. We commended the Economic Research Institute for ASEAN and East Asia (ERIA) for its continued research and analysis of key regional economic issues that support ASEAN economic integration agenda and promote effective policy making in the region economic integration. We also acknowledged the contribution of Japan to ERIA, including Japan's support in the establishment of the ERIA Digital Innovation and Sustainable Economy Centre (E-DISC).

CHAIRMAN'S STATEMENT OF THE 43RD ASEAN SUMMIT

5 September 2023, Jakarta, Indonesia

THE 43RD ASEAN SUMMIT

ASEAN ECONOMIC COMMUNITY

98. We noted the support from the Economic Research Institute for ASEAN and East Asia (ERIA) in the development of several ASEAN priorities, including the ASEAN-Indo-Pacific Forum, ASEAN Leaders' Declaration on Strengthening Food Security and Nutrition in Response to Crises, and the ASEAN Blue Economy Framework. We commended ERIA's research

activities and Capacity Building Programme, which contribute to ASEAN's economic integration and Community-building efforts, particularly those related to ASEAN's emerging priorities. We also welcomed the launch of the ERIA Digital Innovation and Sustainable Economy Centre (E-DISC) on 24 August 2023, and looked forward to further collaborating with ERIA, particularly in advancing ASEAN's priorities post-2025.

ASEAN LEADERS' DECLARATION ON STRENGTHENING FOOD SECURITY AND NUTRITION IN RESPONSE TO CRISES

5 September 2023, Jakarta, Indonesia

ASEAN LEADERS' DECLARATION ON STRENGTHENING FOOD SECURITY AND NUTRITION IN RESPONSE TO CRISES

B. Strengthen Preparedness for Long-Term Resilience and Sustainability of Agri-Food Systems

11. ENHANCE the collaboration with the private sector, international organisations, and think tanks through engagement with relevant initiatives and platforms such as the Food and Agricultural Organization (FAO), FAO's South-South and Triangular Cooperation (SSTC), the World Food Program (WFP), the World Bank, and Economic Research Institute for ASEAN and East Asia (ERIA) to promote public-private partnerships and provide technical knowledge and capacity building for the transformation of agri-food systems and their links to food security and nutrition.

CHAIRMAN'S STATEMENT ON THE 17th EAST ASIA SUMMIT ENERGY MINISTERS MEETING

25 August 2023, Bali, Indonesia

THE 17th EAST ASIA SUMMIT ENERGY MINISTERS MEETING

Opportunities for Green Growth in Decarbonising and Transitioning the Energy Sector

7. The Meeting exchanged views and shared insights following the briefings from the ASEAN Secretariat, the ASEAN Centre for Energy (ACE), the Economic Research Institute for ASEAN and East Asia (ERIA), and the International Renewable Energy Agency (IRENA) discussing the key policy enablers for sustainable economic growth through the scaled deployment and adoption of net zero emissions and low carbon energy technologies.

Strengthening Energy Security and Sustainability through Concrete Cooperation Initiatives

9. On the 'Energy Efficiency and Conservation' work stream, the Meeting appreciated the latest of energy audits by Japan which were conducted in Phayam Island, Thailand, from December 2022 to February 2023, to verify distributed energy systems and find optimal combination with grid connected power. The Meeting welcomed the updated EAS Energy Saving Potential and Outlook, prepared by the Economic Research Institute for ASEAN and East Asia (ERIA), with focus on 'LowCarbon Energy Transition-Carbon Neutral (LCET-CN) scenarios' especially the interplay of energy costs and its implications for energy and technology choices in 18 EAS countries across the power and final energy consumption sectors.

Strengthening Energy Security and Sustainability through Concrete Cooperation Initiatives

10. On the 'Biofuels for Transport and Other Purposes' work stream, the Meeting noted the publication of the ERIA Research Report in November 2022 on the 'Phase 2 Analysis of EAS Future Mobility Fuel Scenarios, Considering the Sustainable Use of Biofuels and Other Alternative Vehicle Fuels'. The Meeting also noted the comparison of greenhouse gas reduction for biofuels and electric vehicles (EVs) as well as increased cobalt requirements with the increased utilisation of EV under different mobility electrification scenarios in selected EAS countries. The Meeting looked forward to a new joint study on 'Analysis of water-energy-food (WEF) nexus for sustainable biomass utilisation for fuel, fiber, and food in selected EAS countries.

Strengthening Energy Security and Sustainability through Concrete Cooperation Initiatives

11. On the 'Renewable and Alternative Power Generation' work stream, the Meeting acknowledged the continued emphasis on innovative and emergent renewable energy technologies. The Meeting noted the completion of the Wind Power Pre-Feasibility Study in Brunei Darussalam supported by the Republic of Korea and the conduct of a virtual Hydrogen Technologies Seminar on 6 December 2022. The Meeting looked forward to the conduct of the 'Research on Solar Rooftop development and business model for an ASEAN Industrial complex in Viet Nam' and the capacity building seminar on 'Techno-economic Aspects of co-firing technology using Ammonia and Hydrogen' to be similarly supported by Republic of Korea. The Meeting also welcomed the successful convening of the 6th East Asia Energy Forum by ERIA, ACE and Indonesia on 21 August 2023 in Bali, Indonesia, and the Bali Reflections focusing on the 'Future of Energy: Decarbonising the Final Consumption Sector', and looked forward to the 6th EAS Clean Energy Forum, to be conducted as part of the 2023 China – ASEAN Clean Energy Week (CACEW), on 18 – 24 September 2023, in Hainan, China.

Strengthening Energy Security and Sustainability through Concrete Cooperation Initiatives

13. The Meeting also noted the contributions of ERIA towards the EAS energy cooperation agenda through the implementation of activities under ERIA's rolling 3- year Roadmap on EAS Mid-Term Energy Policy Research for 2022-2023 and appreciated ERIA's activities in supporting EAS countries to achieve realistic energy transition pathways towards carbon neutrality, especially those on the Asia CCUS Network and developing a Transition Technology List and reference guidelines for facilitating Transition Finance.

JOINT MINISTERIAL STATEMENT OF THE 41st ASEAN MINISTERS ON ENERGY MEETING

24 August 2023, Bali, Indonesia

THE 41st ASEAN MINISTERS ON ENERGY MEETING

Progress in the Implementation of APAEC Phase II Programme Areas

16. The Meeting welcomed the on-going development of the ASEAN CCUS Deployment Framework and Roadmap, initiated through the 1st South East Asia CCS Accelerator Workshop organised by the Global CCS Institute and ACE held in May 2023 in Bangkok, Thailand, that discussed needed policy and regulatory support and a coordinated approach to storage resource development for CCS in South East Asia. This effort is complemented by the conduct of the workshop on 'Advancing CCUS Implementation for Energy Sector in ASEAN' organised by the Economic Research Institute for ASEAN and East Asia (ERIA), the Ministry of Energy and Mineral Resources of Indonesia and ACE on 23 August 2023 in Bali, Indonesia. The Meeting looked forward to the finalisation of the Framework and Roadmap in 2024, which will identify action plans to achieve short, mid, and long-term regional milestones to help decarbonise the region's energy systems through CCUS deployment. The Meeting also noted the initiation of an integrated CCUS – coal power plant pilot project in the ASEAN Centre of Excellence for Clean Coal Technology.

23. The Meeting welcomed the project 'Development of Renewable Energy Certificate (REC) Framework in BIMP' which will study the market potential of REC in BIMP countries with potential replication in other AMS. The Meeting also noted the conduct of the workshop 'Improving Energy Security in Islands and Remote Grids in ASEAN through Utilisation of Emerging Clean Energy Innovation' held by ERIA and ACE. The Meeting looked forward to the organisation of the workshop 'Development of Bioenergy Market Potential in ASEAN' to be held in October 2023, which will identify the development status, opportunities, and supply-demand outlook for bioenergy in ASEAN.

Joint Media Statement of THE TWENTY-SIXTH AEM PLUS THREE CONSULTATION

22 August 2023, Semarang, Indonesia

THE TWENTY-SIXTH AEM PLUS THREE CONSULTATION

5. The Meeting noted the completion of the ASEAN Plus Three Research Project for Closing the Digital Divide in MSMEs undertaken by the Economic Research Institute for ASEAN and East Asia (ERIA) and the ASEAN Secretariat. The study highlighted that, to address the digital divide among MSMEs, it is imperative to acknowledge that beyond the improvement of digital infrastructure and financial resources, securing a workforce with both digital skills and fundamental business knowledge would be necessary to effectively utilise digital tools.

Joint Media Statement of THE TWENTY-NINTH AEM – METI CONSULTATION

22 August 2023, Semarang, Indonesia

THE TWENTY-NINTH AEM – METI CONSULTATION

6. The Meeting noted the importance of the establishment of high-quality intellectual property (IP) cooperation through the framework of ASEAN-Japan Heads of IP Offices Meeting and the annual ASEAN-JPO Work Plan. The further utilization of IP research by the Economic Research Institute for ASEAN and East Asia (ERIA) further strengthens ASEAN's and JPO's efforts in addressing social challenges and creates a sustainable economy and society by enhancing the co-creation of innovation.

8. The Meeting affirmed the necessity of enhancing energy cooperation in the pursuit of their various and practical pathways depending on the circumstances of each country towards net-zero emissions/carbon neutrality, including but not limited to energy efficiency, energy conversion, electrification, decarbonization of power and transportation sectors, renewable energy, energy management, bioenergy, natural gas, LNG, CCUS/Carbon Recycling, hydrogen, ammonia, critical minerals, and sustainable finance. The Meeting took note of Japan's initiatives such as Asia Zero Emission Community (AZEC) to promote the above-mentioned cooperation. The Meeting also noted "Asia Energy Transition Initiative (AETI)" which includes a wide range of bilateral support for energy transitions in Asia, and looked forward to their implementation. The Meeting noted that the initiatives can contribute to achieving pragmatic energy transition to help cope with climate change and ensure energy security by leveraging experiences of Japan in multiple areas including energy transition roadmaps formulation, financing support, and human resources development. The Meeting also appreciated ERIA's support and contribution to the implementation of these two initiatives through the provision of its expertise.

10. The Meeting welcomed the following studies conducted by ERIA, namely: 1) study on “ASEAN-Japan Economic Partnership for a Sustainable and Resilient Future”, which highlighted the importance of deepening the ASEAN-Japan economic cooperation to evolve into a mutually beneficial partnership that enhance integration, foster innovation, address emerging challenges in the post-pandemic in ASEAN and Japan; 2) study on “The Circular Value Chain of Electrical and Electronic Equipment (EEE) in ASEAN”, which provided recommendations on promoting coherent regulatory regimes for establishing circular value chain; and 3) study on “Digitalisation of Supply Chains in ASEAN and Japan”, which highlighted a strategic direction for ASEAN and Japan to address challenges related to supply chain issues, including geopolitical tensions and sustainability, by leveraging digital technologies.

11. The Meeting welcomed the contribution of METI to the establishment of ERIA Digital Innovation and Sustainable Economy Centre (E-DISC) which seeks to be the centre of dialogues among industry, government and academia in the ASEAN region and the epicentrum of new innovations.

Chair’s statement of THE ELEVENTH EAS ECONOMIC MINISTERS’ MEETING

21 August 2023, Semarang, Indonesia

THE ELEVENTH EAS ECONOMIC MINISTERS’ MEETING

5. The Meeting commended the continuous research support that Economic Research Institute for ASEAN and East Asia (ERIA) contributes to economic integration in the East Asian region. The Meeting noted ERIA’s paper on “Driving A Circular Economy Transition Through Digitalisation: A Strategy for Collective Actions in East Asia Summit (EAS) Countries”, which highlights the importance of digitalisation as a driver of a more circular economy.

Joint Media Statement of THE 55th ASEAN ECONOMIC MINISTERS' (AEM) MEETING

19 August 2023, Semarang, Indonesia

THE 55th ASEAN ECONOMIC MINISTERS' (AEM) MEETING

Collaborating with Development Partners

49. **Economic Research Institute for ASEAN and East Asia (ERIA)**. The Meeting expressed appreciation to ERIA's continuous support to the ASEAN economic integration, particularly in delivering the Priority Economic Deliverables under the Indonesian Chairmanship in 2023 and supporting the ASEAN Indo-Pacific Forum and the ASEAN Blue Economy Forum which are the flagship events under Indonesia's Chairmanship. The Meeting also commended ERIA's research activities and Capacity Building Programme, which contribute to ASEAN's implementation of initiatives in various areas of regional economic integration and support for the integration of Timor-Leste into ASEAN as well as increased ASEAN's understanding on new areas, such as the circular economy. The Meeting also expressed its deepest gratitude to ERIA's former President Hidetoshi Nishimura, who has led ERIA for 15 years, and warmly welcomed the newly elected President Tetsuya Watanabe, who brings with him a wealth of knowledge and experience in Asia's economic development. The Meeting appreciated ERIA's continued support to ASEAN's economic integration efforts that include addressing emerging issues, particularly those related to digitalisation, sustainability, and climate change, among others."

Joint Media Statement of THE 55th ASEAN ECONOMIC MINISTERS' (AEM) MEETING

19 August 2023, Semarang, Indonesia

THE 55th ASEAN ECONOMIC MINISTERS' (AEM) MEETING

" Trade Facilitation

14. The Meeting noted the completion of the Follow-up Study of the Trade Transaction Costs (TTC II) and the public version of the Follow-up Study of the ASEAN Seamless Trade Facilitation Indicators (ASTFI II) with the support of the Economic Research Institute for ASEAN and East Asia (ERIA).

23. The Meeting welcomed the conclusion of the pilot phase of the ASEAN Services Trade Restrictiveness Index (STRI) and expressed appreciation for the work of the Organisation for Economic Co-operation and Development (OECD) in developing the ASEAN STRI as well as the support of the ERIA for the ASEAN Coordinating Committee on Services (CCS)-ERIA-OECD Joint Workshop on Leveraging the STRI to Support Services Facilitation in ASEAN. The STRI is a useful evidence-based tool that provides information on regulations affecting trade in services, which could support policymakers in scoping out their reform options, benchmark them relative to global best practices, and assess their likely effects. The STRI also supports trade negotiators in clarifying restrictions that most impede services trade and helps shed light on the requirements that service suppliers must comply with when entering foreign markets.

CHAIRMAN'S STATEMENT THE ASEAN POST MINISTERIAL CONFERENCE (PMC) 10+1 SESSIONS WITH THE DIALOGUE PARTNERS AND TRILATERAL MEETINGS

13 – 14 July 2023, Jakarta, Indonesia

THE ASEAN POST MINISTERIAL CONFERENCE (PMC) 10+1 SESSIONS WITH THE DIALOGUE PARTNERS AND TRILATERAL MEETINGS

28. The Meeting welcomed the announcement of the substantial conclusion of the negotiations on upgrading the Agreement establishing the ASEAN-Australia-New Zealand Free Trade Area (AANZFTA). The Meeting reiterated the importance of ensuring that the Agreement remains a high standard, fit for its purpose, future-proof against emerging challenges, relevant for business and people and responsive to economic recovery. The Meeting looked forward to the signing of the 2nd Protocol to Amend the Agreement Establishing the AANZFTA by four countries at the sidelines of the 28th ASEAN Economic Ministers' Meeting Closer Economic Relations (AEM-CER) on 22 August 2023, while other parties by ad-referendum this year. In this regard, the Meeting welcomed Australia's continued support under the Regional Trade for Development Initiative (RT4D) to support ASEAN Member States to implement AANZFTA and RCEP through the AANZFTA Implementation Support Program (AISP) and RCEP Implementation Support Program (RISP), respectively. The Meeting expressed appreciation for Australia's commitment of an additional AUD 5 million to the Economic Research Institute for ASEAN and East Asia (ERIA) to support ASEAN's regional economic integration and sustainable and inclusive economic growth. The Meeting welcomed Australia's appointment of Mr. Nicholas Moore as Special Envoy for Southeast Asia and the upcoming release of Australia's Southeast Asia Economic Strategy to 2040 to deepen engagement with the region.

CHAIRMAN'S STATEMENT OF THE 24TH ASEAN PLUS THREE FOREIGN MINISTERS' MEETING

13 July 2023, Jakarta, Indonesia

THE 24TH ASEAN PLUS THREE FOREIGN MINISTERS' MEETING

23. The Meeting welcomed the continuous contribution of the Plus Three countries to reduce marine debris through the ASEAN Plus Three Marine Plastic Debris Cooperative Action Initiative and support to the implementation of the ASEAN Regional Action Plan for Combating Marine Debris in the ASEAN Member States 2021-2025. The Meeting welcomed in particular activities of the Regional Knowledge Centre for Marine Plastic Debris (RKC-MPD) of the Economic Research Institute for ASEAN and East Asia (ERIA) to address the marine plastic issue, as well as collective efforts towards the achievement of Sustainable Consumption and Production (SCP).

CHAIRMAN'S STATEMENT OF THE 42ND ASEAN SUMMIT

10-11 May 2023, Labuan Bajo, Indonesia

THE 42ND ASEAN SUMMIT

78. We appreciate to the Economic Research Institute for ASEAN and East Asia (ERIA) continued support to ASEAN's economic integration and Community building efforts, particularly in supporting Indonesia's Chairmanship of ASEAN in 2023, including the ASEAN Services Facilitation Framework and Nutrition in Final 15 Times of Crises, and the ASEAN Blue Economy Framework. We also welcome ERIA's support to flagship events under Indonesia's Chairmanship, the ASEAN Indo-Pacific Forum and the ASEAN Blue Economy Forum. We look forward to further collaboration with ERIA, particularly in advancing ASEAN's priorities, especially in the areas of digitalization, sustainability and supply chain resiliency."

Ministerial Declaration The G7 Digital and Tech Ministers' Meeting

30 April 2023

Ministerial Declaration The G7 Digital and Tech Ministers' Meeting

1. We, the Digital and Tech Ministers of the G7, met on 29 and 30 April 2023 under the chair of Mr. KONO Taro, Minister for Digital Transformation, Mr. MATSUMOTO Takeaki, Minister for Internal Affairs and Communications, Mr. NISHIMURA Yasutoshi, Minister of Economy, Trade and Industry, to address the current and future challenges in the digital society. They were also joined by representatives from the invited countries of Republic of India, Republic of Indonesia, and Ukraine, and the international organisations Economic Research Institute for ASEAN and East Asia, International Telecommunication Union, Organisation for Economic Co-operation and Development, United Nations, and World Bank Group.

Way Forward

55. We express our appreciation to our knowledge partners ERIA, ITU, OECD, UN, and the World Bank for contributing their expertise and experience, and welcome continuous cooperation to realise a prosperous digitally connected world based on our shared democratic values.

Asia Zero Emission Community Ministerial Meeting

4 March, 2023, Tokyo, Japan

We, the Ministers of Australia, Brunei Darussalam, Cambodia, Indonesia, Japan, Lao PDR, Malaysia, the Philippines, Singapore, Thailand, and Viet Nam held the Asia Zero Emission Community (AZEC) Ministerial Meeting in Tokyo on March 4th, 2023, where we, as the AZEC partners, shared our ideas and the views on the challenges and opportunities of decarbonization and jointly committed to accelerating a clean, sustainable, just, affordable, and inclusive energy transition towards carbon neutrality/net-zero emissions in the Asian region building on the mutual trust cultivated over the years.

In principle, AZEC will hold the annual Ministers' Meeting and regular Senior Officials' Meetings. We will also collaborate with international organizations and institutions such as the Economic Research Institute for ASEAN and East Asia (ERIA), the International Energy Agency (IEA), the International Renewable Energy Agency (IRENA), and the ASEAN Center for Energy (ACE) and others as required.

Annex G - 1

List of Outreach Activities of ERIA Researchers

Researcher	Publications
Fukunari Kimura (Chief Economist)	<p>'The Threat of Economic Deglobalization from Cold War 2.0: A Japanese Perspective', with Mitsuyo Ando and Kazunobu Hayakawa (2024) <i>Asian Economic Papers</i>, 23(1) [1 March 2024]</p>
	<p><i>Negotiating over the Rules of Origin in Regional Trade Agreements in Asia</i>. with Kazunobu Hayakawa, Hiroshi Mukunoki, and Shujiro Urata (2024) <i>The World Economy</i> [25 March 2024].</p>
	<p><i>Large-Scale Development of Renewables in the ASEAN: Economics, Technology and Policy</i>. Edited with Han Phoumin and Nepal Rabindra (2024) Singapore: Springer Nature Singapore.</p>
	<p><i>Green Finance and Renewable Energy in ASEAN and East Asia</i>. Edited with Han Phoumin and Farhad Taghizadeh-Hesary (2024) Oxford and New York: Routledge 'Supply Chain Decoupling: Geopolitical Debates and Economic Dynamism in East Asia', with Ando Mitsuyo and Kazunobu Hayakawa (2024) <i>Asian Economic Policy Review</i>, 19(1), pp.62-79.</p>
	<p><i>Transforming Globalization and the World Economic Order: New structure of the U.S.-China conflict and the Ukraine crisis</i>, edited with Umada Keichi and Urata Shujiro. Japan: Bushindo Publishing, July 2023.</p>
	<p><i>Electricity Market Reforms in the ASEAN, China, India, and Japan</i>. Edited with Han Phoumin and Farhad Taghizadeh-Hesary, and Nepal Rabindra, (2023). New Jersey: World Scientific.</p>
	<p>OP-ED: 'The Japan-EU Digital Partnership under Geopolitical Tension', <i>East Asia Forum</i>, 11 October 2023</p>
Shujiro Urata	<p><i>Negotiating over the rules of origin in regional trade agreements in Asia</i>, with Kazunobu Hayakawa, Fukunari Kimura, and Hiroshi Mukunoki, <i>The World Economy</i> [25 March 2024]</p>
	<p>OP-ED: 'Combating depopulation in Japan', <i>East Asia Forum</i> [5 March 2024]</p>
	<p>'Does the quality of bilateral investment treaties matter for outward foreign direct investment?' With Shi Li and Long Zhao (2024) <i>International Review of Economics and Finance</i> Volume 91 Pages 207-218: Elsevier [March 2024]</p>
	<p><i>Deglobalization: Editors' Overview</i>, with Takatoshi Ito, Kazumasa Iwata and Colin McKenzie, <i>Asian Economic Policy Review</i> (2024) 19, 1-17 [16 January 2024]</p>

Researcher	Publications
	<p><i>Establishing Multilateral and Regional Rules on Digital Trade: The Role of Japan and Middle Powers</i>, with Hideyuki Miura. Great Power Competition and Middle Power Strategies, pp. 185-2017: Springer [22 November 2023]</p> <p>Introduction to the Special Issue on "Economic Impacts of Tariff Change in Asia", <i>The Developing Economies</i> 61, no.4: 271-277 [9 November 2023]</p> <p>Does global value chain participation improve firm productivity? A study of selected ASEAN developing countries, with Youngmin Baek, <i>Asian Economic Journal</i>, Volume 37, pp.232-260 [13 September 2023]</p> <p><i>Technology Transfer and Firm Competitiveness: The Case of Indonesia</i>, with Yongmin Baek, ADBI Working Papers [August 2023]</p> <p>Higher Education: Editors' Overview, with Takatoshi Ito, Kazumasa Iwata and Colin McKenzie, <i>Asian Economic Policy Review</i> (2023) 18, pp.149-170 [4 July 2023]</p> <p><i>Transforming Globalization and the World Economic Order: New structure of the U.S.-China conflict and the Ukraine crisis</i>, with Keiichi Umada and Fukunari Kimura, Japan: Bunshindo Publishing Corporation [July 2023]</p> <p>'Japan Frist?' <i>Economic security in a world of uncertainty</i>, with Shiro Armstrong. Navigating Prosperity and Security in East Asia, pp. 87-118, ANU Press [May 2023]</p> <p>Impact of International Investment Agreements on Japanese FDI: A firm-level analysis, with Youngmin Baek, <i>The World Economy</i>, Volume 46 pp. 2306-2334 [3 April 2023]</p> <p><i>Sustainable Development Disciplines for Humanity: Breaking Down the 5Ps- People, Planet, Prosperity, Peace and Partnerships</i>, edited with Kazuo Kuroda and Yoshiko Tonegawa, Springer</p>
Jun Arima	<p><i>The Death of the 1.5 Degree Climate Target</i>. With K. Hombu and Vijaya Ramachandran. <i>Foreign Policy</i>, 9 March 2024.</p>
Venkatachalam Anbumozhi	<p>Fostering Open Regionalism and Shaping Sustainable Industrialization: Experiences from ASEAN. Open Regionalism and Sustainable Industrialisation of East Asia (2024), Nascimento, A.L. and E. F. Lucero (eds.) <i>Brazil and ASEAN: Partners for peace and development</i>, Research on International Relations (IPRI) Alexandre de Gusmão Foundation (FUNAG), pp.79-108.</p> <p>'Making Sustainable Finance Taxonomy Work for Green Transition in ASEAN', (2024), in <i>Environmental Sustainability in Asia: Green transition in Southeast Asia</i>. Seoul: Korea Environment Institute, pp. 4-19.</p> <p>'Harmonizing Climate Action and Sustainable Development in the Indo Pacific' (2024), Policy paper, New Delhi: Council for Strategic Defense Research (CSDR), [January 2024]</p> <p>'Prospects of Nanotechnology in Indonesia's Food and Agriculture Sector: From Laboratory to Industry'' with A. Solikhin, A. Fachuruddin, B. Pakusadewo, T. Kurnawan. <i>SEAMEO-SEARCA Discussion Paper Series</i> Vol. 2023 No.1. Los Banos, Philippine: Seameo, Searca.</p>

Researcher	Publications
	OP-ED India's G20 summit: Can it be a catalyst for steering a new global order? <i>Jakarta Post</i> 9 September 2023.
	'Redirecting Digital Innovations for Deep Sustainability Transformation' (2023), with P.D. Jose, T.Obi, C-Y. Park, S. Sadagopan, and S.H. Supangkat , T20/G20 Policy Brief. Task Force 2 : Our Common Digital Future: Affordable, Accessible and Inclusive Digital Public Infrastructure [June 2023]
	'Redirecting Digital Public Infrastructure' <i>Global Solution Journal Issue 9</i> , pp. 204-213. [May 2023]
	'Accelerating "Just" Energy Transition: Implementation and Financing Pathways for the G7' (2023), with E.A. Aprihans, D. Azhgaliyeva, A. Dutta, S. Jagannathan, and Z. Kapsalyamova, T7/G7 Policy Brief, May 2023. G7 2023 Hiroshima Summit.
	'Towards Inclusive and Sustainable Rural Energy Transition: Defining parameters of successful Community Participation in India', (2023) <i>Energy Policy for Peace, Journal of Sustainable Sciences</i> , Issue 12 , pp. 13-27
	'Cross-Border Energy Cooperation and Trade' with B. Singh and C. E. N. Setyawati (2023) in <i>Cross Border Integration of Renewable Energy Systems: Impacts, Challenges and Policy Implications</i> , Routledge, pp. 1-26.
	'Cross Border Energy Trade and Development of Border Economic Zones (BEZs) in Northeast India: Toward and Integrated Regional Program' with P.De (2023) in <i>Cross Border Integration of Renewable Energy Systems: Impacts, Challenges and Policy Implications</i> , Routledge, pp. 56-96.
	OP-ED Can COP28 boost Global South? <i>Bangkok Post</i> , 8 December 2023
	'Energy Connectivity and Cooperation Between Gul Cooperation Council (GCC), Iran and South Asia' with F.T. Heasary, E. Rasoukinezad (2023) in <i>Cross Border Integration of Renewable Energy Systems: Impacts, Challenges and Policy Implication</i> , Routledge, pp.165-199.
	'Reconciling Carbon Pricing, Competitiveness and EU Carbon Border Adjustment Mechanism' (2023), in <i>Geoeconomics of Decarbonisation in Asia-Pacific</i> , BerlinL Konrd Adneuer Stiftung, pp. 95-113.
	'Dealing with Climate Change: Enhanced Opportunities for India-ASEAN's Transition towards Net-Zero Economy' (2023) in Prabir De (ed.) <i>Thirty Years of ASEAN-India Relations: Towards Indo-Pacific.</i> , New Delhi : KW publishers pp. 138-214.
	'Drivers of Climate Precarity: National Transformations and Smallholder Vulnerability in India and Viet Nam' (2023) , Proceedings of the 11 th Asian Society of Agricultural Economists International conference, Aoyama Gakuin University, Tokyo, 17-20 March.
	'Securing Global Solar Supply Chains: Determinants and Preparedness of Emerging and Developing countries in Asia', (2023), Proceedings of the 96th International Atlantic Economic Society Conference, Philadelphia 6-10 October.

Researcher	Publications
Lurong Chen	OP-ED 'ASEAN Pins Hopes on Digital Agreements' Treasury Today, July 2023
	Special issue on 'Digital Transformation in Southeast Asia' with A. Kohpaiboon and C. Lee (eds.) <i>Journal of Southeast Asian Economies</i> , Vol. 40/1, April 2023.
	Proposal reviewer, Routledge book on Crossborder Data flows
	Reviewer, CUTS Briefing Paper on India's Indo-Pacific Outlook
Doan Thi Thanh Ha	'Technical Barriers to Trade, Product Quality and Trade Margins: Firm-level Evidence.', <i>Review of World Economics</i> , 2023.
	'In-house R&D, Technology transfer and Firm's Performance', <i>Asian Development Bank Institute Working Paper No.1371</i> , 2023.
Han Phoumin	<i>Large-Scale Development of Renewables in the ASEAN</i> , edited with R. Nepal, F. Kimura and F. Taghizadeh-Hesary. Springer and ERIA, 25 January 2024
	<i>Green Finance and Renewable Energy in ASEAN and East Asia</i> , edited with F. Taghizadeh-Hesary and F. Kimura. Routledge. 27 December 2023
	<i>Electricity Market Reforms in the ASEAN, China, India, and Japan</i> , edited with F. Taghizadeh-Hesary, F. Kimura, and R. Nepal. World Scientific. 3 May 2023
	<i>Post-Pandemic Green Recovery in ASEAN</i> , edited with F. Taghizadeh-Hesary, M. Yoshino, N.Panthamit. Routledge. 21 April 2023
	'Can Financial and Economic means accelerate renewable energy growth in the climate change era? The case of China' (2023), with Taghizadeh-Hesary, F., K. Dong, and C. Zhao, <i>Elsevier</i> vol. 78 (C) , pp. 730-743.
	'SMEs and Carbon Neutrality in ASEAN: The Need to revisit sustainability policies' (2023), with Yoshino, N., E. Rasoulnezhad, and F. Taghizadeh-Hesary, <i>Economic Research-Ekonomika Istrazivanja</i> , vol.36 (2), DOI: 10.1080/1331677X.2023.2177180
	'Exploring the critical demand drivers of electricity consumption in Thailand', with Uddin, G.S., Md.B. Hasan, F. Taghizadeh-Hesary, A. Ahmed, V. Troster. <i>Energy Economics</i> vol. 125, pp. 10675.
	'Enhancing the Economic Feasibility of Carbon Capture, Utilisation, and Storage (CCUS) Projects' (2023), with Taghizadeh-Hesary, F., L. Vandercamme. <i>Journal of Environmental Assessment Policy and Management</i> . https://doi.org/10.1142/S1464333223500242
	OP-ED: <i>Secure REE Supply Chain to Meet Net Zero Goals</i> . Jakarta Post. 22 June 2023
	OP-ED: A Secure and Reliable Rare Earth Mineral Supply Chain to Meet Net-Zero Emission by 2050. The Manila Times. 17 June 2023
Yoshie Hirose	'International promotion of Japanese aging-related health services and products: Perspective of an international agency' (2024), with H. Nakatani, F. Machida, T. Kato, S. Misaka, S.M. Simbolon and A.F. Villnueva, <i>Global Health & Medicine</i> , Vol. 6, No.1, February 2024

Researcher	Publications
Lili Yan Ing	<i>Local Content Requirements: Promises and Pitfalls</i> edited with G. Grossman. Routledge. 6 November 2023
	OP-ED 'Navigating global complexities: Strengthening ASEAN-Japan Collaboration', <i>Jakarta Post</i> 18 December 2023
	OP-ED 'The G7 Anti-Coercion Campaign Against China Could Backfire', <i>Project Syndicate</i> 19 October 2023; <i>Japan Times</i> 23 October 2023; <i>The Manila Times</i> 29 October 2023
	OP-ED 'ASEAN in the Global Semiconductor Race' with Ivana Markus, <i>Fulcrum</i> 27 September 2023; <i>Jakarta Globe</i> 25 September 2023
	OP-ED 'ASEAN rows between two reefs -the US and China', <i>Jakarta Post</i> , 21 June 2023; <i>The Star</i> , 22 June 2023
	OP-ED 'ASEAN Between the US and China', <i>Project Syndicate</i> 15 June 2023
	OP-ED 'Robots and AI: A New Economic Era', <i>Jakarta Post</i> 14 June 2023; <i>The Manila Times</i> 17 June 2023.
	OP-ED 'How US Debt Affects the Indonesian Economy?', <i>Jakarta Post</i> 19 May 2023
	OP-ED 'ASEAN Marching Toward Digital Community 2045' with Yessi Vadila, <i>Jakarta Globe</i> 12 May 2023; <i>Jakarta Post</i> 31 May 2023
	OP-ED 'Inclusive ASEAN: Women, Young, and People with Disabilities', <i>Jakarta Post</i> 10 May 2023; <i>Jakarta Globe</i> 13 May 2023
OP-ED 'Can ASEAN emerge as an Epicentrum of Growth?', with Yessi Vadila, <i>Jakarta Post</i> 14 April 2023; <i>Bangkok Post</i> 27 April 2023	
Fusanori Iwasaki	'Prediction Errors of Macroeconomic Indicators and Economic Shocks for ASEAN Member States, 1990-2021' (2024) with Ambashi, M. and K. Oikawa, <i>The International Economy</i> , 26, pp. 91-112.
	'From Nickel to Electric Cars? Indonesia's Resource Cum Automobile Industry Policy' (2023), with Schröder M., <i>Journal of the Asia Pacific Economy</i> , 2231192, doi: 10.1080/13547860.2023.2231192.
	'ASEAN and Japan Digital Co-creation', in <i>World Economic Review</i> , (2023), with Rilo, A. and K. Oikawa, September and October, 2023. (アラディン・リロ、岩崎総則、及川景太「日ASEANデジタル共創」『世界経済評論』2023年9-10月所収) (in Japanese)
Takuma Kato	[Towards Universal Health Coverage] ASEANにおけるユニバーサル・ヘルス・カバレッジの達成にむけて (in Japanese), with Hardisty, C., <i>[Word-economic-review]</i> 世界経済評論 67 (5), 12 August 2023.
	International promotion of Japanese aging-related health services and products: Perspective of an international agency, (2024) with H. Nakatani, F. Machida, Y. Hirose, S. Misaka, S.M. Simbolon, A.Villanueva. <i>AFDR Global Health and Medicine</i> 6 (1), February 2024.
Shigeru Kimura	Low-Carbon Energy Transition Toward Carbon Neutrality for ASEAN, Transforming ASEAN: Strategies for Achieving Inclusive and Sustainable Growth, December 2023, ADB Institute (ADBII)

Researcher	Publications
	Hydrogen: Combustible Fuels without CO2 Emissions, Global Pathways to Hydrogen Energy Futures -Japan, September 2023, Institute on Science for Global Policy (ISGP)
Michikazu Kojima	OP-ED 'Addressing Plastic Pollution via EPR Program', <i>The Jakarta Post</i> , 14 January 2024. 'Japan's Pollution Pedagogy', <i>East Asia Forum</i> , Vol.15, No.3, pp.35-36, September 2023, pp.35-36.
Dionisius Narjoko	'Impact of Tariff Rates on Input Choice Source: Evidence from Indonesia', (2023), with S.D. Negara and K. Hayakawa <i>The Developing Economies</i> , pp.1-18. 'ASEAN and the Role of Asian Regionalism in Managing Asymmetric Power' with Drysdale, P. and R. Maria (2023), in S. Armstrong, T. Westland, and A. Triggs (eds.), <i>Navigating Prosperity and Security in East Asia</i> . Canberra: ANU Press.
Keita Okawa	'Prediction Errors of Macroeconomic Indicators and Economic Shocks for ASEAN Member States, 1990-2021' with Ambashi M. and F. Iwasaki (2024), <i>The International Economy</i> , 26, pp. 91-122. 'ASEAN and Japan Digital Co-creation', with Rilo A., and F. Iwasaki (2023), in <i>World Economic Review</i> , September and October, 2023. (アラディン・リロ、岩崎総則、及川景太「日ASEANデジタル共創」『世界経済評論』2023年9-10月所収) (in Japanese)
Anita Prakash	'ASEAN's Voice in the G20: Enabling Trade Integration and Global Value Chain Resilience in Developing Economies' (2024) in Sonobe, T., N.J.A. Buchoud, R.Akbar and B. Altansukh (eds.) <i>Transforming ASEAN Strategies for Achieving Sustainable and Inclusive Growth</i> . Tokyo: ADBI, pp. 183-192.
Alloysius Joko Purwanto	OP -ED: <i>Can Southeast Asian Countries sustainably continue their LNG Development?</i> The Manila Times, June 12, 2023. 'Accelerating the Just Energy Transition Through Enhanced and Integrated Critical Minerals Supply Chains' (2023), with Chen, D., R. Fuentes, N. Mansouri and Y. Wang. <i>T20 Policy Brief: Task Force 4 – Refuelling Growth: Clean Energy and Green Transitions</i> , June 2023.
Intan Ramli	'48: Southeast Asia and the World Trade Organization' (2023) with E.Setyadi and M.C.Kasih in Chaisse, J. and C. Rodriguez-Chiffelle. <i>The Elgar Companion to the World Trade Organization</i> . pp. 856-866. <i>Elgar Encyclopedia of International Economic Law</i> . Edited by Krista Nadakavukaren Schefer and Thomas Cottier. Updated contributor The status of blue economy development in Southeast Asia: lessons learned for regional blue economy planning' (2024) forthcoming with March, A., Failler, P., Choukroune, L., Bennett, M. in W. L. Filho (ed.) <i>Handbook of Sustainable Blue Economy</i> .
Ataddin Rillo	'Promoting and Safeguarding Traditional Sports and Games in ASEAN: Challenges, Opportunities, and Strategies'. Jakarta: ASEAN Secretariat. January 2024. 'ASEAN and Japan Digital Co-creation', in <i>World Economic Review</i> , (2023), with K. Oikawa and F. Iwasaki, September and October, 2023. (アラディン・リロ、岩崎総則、及川景太「日ASEANデジタル共創」『世界経済評論』2023年9-10月所収) (in Japanese)

Researcher	Publications
Antonio Villanueva	'International promotion of Japanese aging-related health services and products: Perspective of an international agency', <i>Global Health and Medicine</i> , 4 January 2024
	'Water insecurity associated with gender-based sexual and physical abuse experiences', <i>Global Social Welfare</i> , 16 October 2023
Rashesh Shrestha	'The Combined Role of Subsidy and Discussion Intervention in the Demand for a Stigmatized Product', with Vinish Shrestha, <i>The World Bank Economic Review</i> vol.37 (4), pp. 675-705. Oxford University Press.
Kei Sudo	'ASEAN-Japan Energy Cooperation: Past, Present and Future', with H. Phoumin and A. J. Purwanto, <i>World economic review</i> , pp. 68-77, September 15, 2023
Fauziah Zen	OP-ED: 'IKN dan Visi Masa Depan Bangsa' [IKN and the Vision of the Nation's Future] in Indonesian language. <i>Bisnis.com</i> , 15 February 2024.
	'The Effect of Environmental Tax-Spending Mix on Province Air Quality Index', (2023) with Qibthiyah, R.M. <i>Jurnal Ilmu Ekonomi</i> vol. 12(2), pp. 221-230. (22 October 2023)
	'Strategies for strengthening disaster finance in Indonesia', (2023). Expert Speak: <i>Observer Research Foundation (ORF)</i> . (26 September 2023).
	'Improving Access to Safely Managed Drinking Water Services: Recommendations for G20 Emerging Economies', (2023), with Nitin Bassi et al. T20 India. (July 2023)
	'Channelling Disaster Finance Resources in Small Islands in the G20 Countries', (2023), with Fahmiasari, F. and D. Parikesit. T20 <i>India</i> . (May 2023)
	'Closing the Gap of Water Financing' (2023), with T. Riefky and R.M. Qibthiyah. <i>The Global Solutions Journals</i> , issue 9 (May 2023)
'ASEAN Think Tanks: Relevance in Turbulent Times' with Ruddy, L., and V Anbumozhi (2023) Buchoud N.J. A., R Akbar R, R M Qibthiyah, and B Altansukh (eds.), <i>A World in Crisis, a World in Progress: Growing Better Together</i> , <i>Asian Development Bank Institute, Tokyo</i> pp. 48-54.	

Annex G - 2

List of Outreach Activities of ERIA Researchers

Researcher	International Workshop/Conference/Lectures
Fukunari Kimura (Chief Economist)	Keynote Speaker, <i>Lao GraSPP-Toshiba Workshop</i> Presented a "Supply Chains under COVID-19 and Geopolitical Tensions: Implications for Lao PDR and ASEAN." [Vientiane, 28 March 2024]
	Chair of a session and a discussant of a presented paper. <i>Asian Economic Panel (AEP): An Economic Forum Dedicated to Formulating the Best Practical Solutions</i> [Seoul, 19-20 March 2024]
	Presenter and Panelist of <i>Local Content Requirements: Promises and Pitfalls</i> by ERIA-UPH Special Event Panel Presented "LCRs: Trade and Economic Growth" [Jakarta, 7 March 2024]
	Presenter of "The Trade Effects of Export Control Regulations in Japan", in <i>The 31st NBER-TCER-CEPR (TRIO) Conference on "Unwinding Globalization?"</i> [Tokyo, 3-4 March 2024]
	Presenter of "Globalization for Economic Development" in Plenary Session 5: Global Value Chains: Fostering Inclusive Economic Development in Global South" in <i>Global Conclave 2024 "Advancing Human Development in the Global South</i> [New Delhi, 11-13 January 2024]
	Presenter of "Production Networks" and Moderator of ERIA Policy Sessions in <i>World Congress, International Economic Association</i> [Medellin, Colombia; 11-15 November 2023]
	Panelist of "Session 3: Strengthening Supply Chain Resilience through Partnership in the Indo-Pacific." In <i>The 14th ASEAN Connectivity Symposium "Promoting Connectivity toward ASEAN as an Epicentrum of Growth</i> by ASEAN Secretariat and ERIA [Jakarta, 8 November 2023]
	Presenter of "Plenary Session III: Geopolitical Tension and the East Asian Production Networks" and Chair of Parallel Session in <i>the 18th East Asian Economic Association International Conference</i> [Seoul, 21-22 October 2023]
	Panelist of "Panel 2: A new landscape for economic security in the Indo-Pacific and implications for the G7" in <i>European Council on Foreign Relations, Japan-Europe Porum Berlin 2023 "Shaping effective coordination amid growing competition: New responsibilities for Europe, Japan and the G7?"</i> [Berlin, 27 September 2023]
Chair and discussant in <i>Asian Economic Panel (AEP): An Economic Forum Dedicated to Formulating the Best Practical Solutions</i> , by Keio University [Tokyo, 6-7 September 2023]	

Researcher	International Workshop/Conference/Lectures
	<p>Presenter of "Digital Economy for Development in ASEAN" and Panelist in <i>Webinar Road to ASEAN Summit 2023 "Indonesia's ASEAN Chairmanship 2023: Promoting ASEAN Relevance in Global Market"</i>, Jakarta, 4 September 2023]</p> <p>Presenter of "International Trade: Export Control and East Asian Value Chains in the US-China Confrontation" in <i>Southeast Asia Lecture Hall, 21st Century Excellence: Lectures from World Class Scholars</i>, by Foreign Policy Community of Indonesia (FPCI), [Jakarta 15 June 2023]</p> <p>Panelist of "Session: What feasible mechanisms to carry out the reforms? And how to enhance the role of G20" and "Policy Brief Dissemination: Long-term Development Investment Framework for Low and Lower-middle-income Countries" in <i>Task Force T20 India 2023 Side Event, Building Bridges to Sustainable Finance: The Reform Agenda of International Financial Institutions</i> [Bali, 8-10 June 2023]</p> <p>Presenter of "The Threat of Economic Deglobalization from Cold War 2.0: A Japanese Perspective" in <i>Asian Economic Panel (AEP): An Economic Forum Dedicated to Formulating the Best Practical Solutions</i>, by University College Dublin [Dublin, 11-12 May 2023]</p> <p>Presenter of "Supply Chain Decoupling: Geopolitical Debates and Economic Dynamism in East Asia" in <i>AEP Deglobalization Conference</i> by AEP [Tokyo, 14 April 2023]</p>
Shujiro Urata	<p>Presenter of the "Policy Session: Recent Development in East Asian Economic Integration" in the International Economic Association (IEA) World Congress 2023, Medellin, Colombia [11-15 December 2023]</p> <p>Discussant of "Session 1: Future Scenarios for Globalization: The Good, the Bad, and The Ugly." in the 18th East Asian Economic Association (EAEA) International Conference, Seoul, South Korea [21 October 2023]</p>
Jun Arima	<p>Speaker, 'ALPS International Symposium' by Research Institute of Innovative Technology for the Earth (RITE) "<i>Japan's GX Strategy Opportunities and Challenges</i>", Tokyo, 8 March 2024</p> <p>Moderator, 'Business Leaders Forum on Energy Business Leaders Forum on Energy' by French Chamber of Commerce and Industry in Japan, Tokyo, 3 October 2023</p> <p>Moderator, 'Clean Coal International Conference "Zero Emission towards Carbon Neutrality - Policy Updates"; 5 September 2023</p> <p>Speaker, 'The changing geopolitics of resource and energy security and climate change' by Royal Institute of International Studies, 27 June 2023</p> <p>Moderator, 'International Symposium on IPCC AR6 Synthesis Report organized' by METI, MOE and MEXT "<i>Comments on IPCC AR6 SYR and Expectation to AR7</i>" 23 May 2023</p> <p>Speaker, "<i>50th Anniversary of ASEAN-Japan Cooperation</i>" by CSIS Indonesia, Jakarta, 15 May 2023</p>
Venkatachalam Anbumozhi	<p>Speaker, Training workshop on Circular Economy for the Southern Region of Viet Nam, Institute for Natural Resource and Management, Ho Chi Minh, City, 24 January 2024.</p>

Researcher	International Workshop/Conference/Lectures
	Speaker, Inclusive Growth in Smart Cities: Critical Reflections on ASCN approach, Seminar on Sustainable Buildings and Cities, OECD, Bangkok 18 January 2024.
	Speaker, challenges of Disaster and Climate Risk Financing, 2 nd Asian Regional Expert meeting on Development, Disasters and Climate Challenges, University of Indonesia, Jakarta 16 January 2024.
	Keynote Speaker, Global Forum on Climate Smart Agriculture for Food Security, Side event of India's G20 Presidency by the Ministry of Agriculture and Farmers Welfare, Indore, India, 13 February 2024.
	Speaker, 'Digital Transformation of Agriculture Production System: Policy Pathways for Greater Sustainability and Climate Resilient Growth' in <i>The Global Innovations in Smart Agriculture: Mitigating Climate Change and Advancing Sustainability</i> , Smart Space Sensing Lab. Gyeongsang National University, Korea, 21 December 2023.
	Speaker, International Conference on Energy Security, Resources and Decarbonisation: Navigating Transitions in Emerging Asia, Konrad Adenauer Stiftung, Singapore 20-22 November 2023.
	Speaker, Climate Action and Investments for Resilient Food Systems – Policy, Institutional, and Technological Insights from Asia and the Latin America and the Caribbean , UNFCC, Climate Week 16-17 November 2023.
	Panelist, 'Collaborating for Sustainable Development- Financial Institutions, Governance and New Ventures' in Digital Innovation Financial Inclusion and Sustainability", by IIM Bangalore, 3 November 2023.
	Discussant, <i>Inception Workshop Promoting Digitalization for Green and Inclusive Growth in Developing Asia and the Pacific</i> , by Asian Development Bank Institute, Tokyo, 23-25 October 2023.
	Speaker, 'Workshop on International Partnership for a Sustainable and Resilient Future', by University Paramadina, Jakarta, 19 October 2023.
	Discussant, <i>2nd International Conference on Agriculture, Natural Resource and Rural Development</i> , by Aoyoma Gakkuin University, Tokyo, 17 October 2023
	Speaker, <i>A to Zero Net Zero ASEAN Summit</i> , by United Nations Framework Conveention on Climate Change, Kuala Lumpur, 4 October 2023.
	Speaker, Carbon Markets and Financial Mechanisms for Sustainable Agriculture in Asia, Manage – Hyderabad, 26-27 September 2023
	Speaker, Smart Systems for Sustainability and Resilience, International conference on ICT for Smart Society, Bandung, 6-7 September 2023
	Speaker Circular Economy for Smart Sustainable Cities, Symposium on Accelerating Science, technology and Circular Innovations in Southeast Asia, United States SEAN smart City Partnership, Jakarta 5-7 September 2023.
	Speaker, 'T20 Side event on Climate Smart Agriculture, Millet value chain and Digital agriculture' , by Tamilnadu Agricultural University, IFPRI, ICRISAT, Coimbatore, India , Aug 29-30, 2023.

Researcher	International Workshop/Conference/Lectures
	Speaker, How to put Circular Economy concepts into action and leveraging to achieve Zero emission goal, Sustainable Energy Technology Asia 2023, Bangkok 17-18 August 2023.
	Speaker, Enhancing Infrastructure for Sustainable Coastal Development, East Asia Summit Workshop on Developing Coastal Economy, Ministry of Foreign Affairs, Bali, Indonesia 4-5 August 2023.
	Panelist, 'Our Common Digital future, Affordable, Accessible and Inclusive Digital Public Infrastructure' <i>Think 20 India Summit</i> , 31 July -2 August, India
	Panelist, 'Opportunities for Building a More Inclusive Global Value chains', <i>Business 20 summit</i> , Confederation of Indian Industries, Surat, 2 July 2023.
	Panelist, Sustainable supply chains, Transforming Green Growth in G20, Parivartan, T20 side event New Delhi, 27 June 2023.
	Speaker, Workshop on the Development of Action Plan for the Implementation of the ASEAN Guidelines on Sustainable Agriculture, ASEAN secretariat 29 May 2023
	Keynote Speaker, Climate Change and Sustainable Development, International Conference on Synergizing Values on the Indo-Pacific, Bangkok, 27-28 May 2023
	Speaker, Well Being and Agenda 2023: Think 7 Japan Summit, by Asian Development Bank institute, 27-28 April 2023
	Speaker, <i>ASEAN Conference on Strengthening Food Security Integration</i> by ASEC, MOA and MOFA Indonesia, Jakarta, 17 April 2023.
	Speaker, Policy Determinant and Regional Action to Enhance Strengthening Food Security Integration, ASEAN Secretariat, Jakarta, 17 April 2023
	Speaker, " Panel 1: Securing renewable Energy Supply Chains" in <i>Diversifying Renewables & Critical Minerals Supply Chains to Advance Energy Transition</i> side event of India's G20 Presidency by The Ministry of New and Renewable Energy, in Gujarat, 3 April 2023.
	Speaker, 'Policy Frameworks for Just Transition, Green Economy and Inclusive Growth, Global Just Transition Dialogue', <i>T20 side event, International Forum for Environment, Sustainability and Technology</i> , New Delhi, March 22-23,
	Webinar
	Speaker, Policy pathways for Just Energy Transition in Emerging Economies, Middle East Institute, Dubai, United Arab Emirates, 12 November 2023
	Discussant: Smart Ports for Green Growth in Developing Asia "Promoting Digitalization for Green and Inclusive Growth in Developing Asia and the Pacific, Asian Development Bank, Manila 23-25 October 2023
	Speaker, Building Resilient Supply chains through BCPs, Supply Chain Forum for MSMEs in the Asia-Pacific, Ministry of Foreign Affairs, South Korea, 13 October 2023.

Researcher	International Workshop/Conference/Lectures
	<p>Speaker, Advancing Regional Cooperation for Energy Security and Economic Recovery in the March to Decarbonisation, Nuclear Power Forum, 14 September 2023.</p> <p>Speaker, How can the long-term strategies (LTS) of the G20 members help forge partnerships and decarbonise? Speaker, Council on Energy, Environment and Water and New Climate Institute, 24 August 2023.</p> <p>Speaker, Empowering SMEs for Urban Resilience, SEADS, Asian Resilient Cities Network, 23 August 2023.</p> <p>Speaker, South Asia Regional Infrastructure Connectivity: Integration challenges and Market Solutions, Asian Institute of Technology, 12 July 2023.</p> <p>Speaker, Towards Low-Carbon Trade-Is the ASEAN Region Ready, International Trade Centre, 11 May 2023.</p> <p>Speaker, Agriculture Markets and Sustainability, OECD-ASEAN workshop on Food Security, 2 February 2023.</p>
Lurong Chen	<p>Moderator, Swinburne-ERIA Workshop on 'A Study of the Resiliency of Global Value Chains (GVCs) in East Asia', Melbourne, 20 January 2024.</p> <p>Keynote speech on 'Facilitating Digital Trade in Securing Republic of Korea's Digital Competitiveness', 2023 Yonsei Digital Trade Forum, Seoul, 22 December 2023.</p> <p>Chairperson, Roundtable on 'Facilitating Digital Trade in Asia', Geneva, 7 December 2023.</p> <p>Presenter on 'Digital and Innovation', Research Institute Network (RIN) Meeting FY2023 - Digital Transformation as a Catalyst for a Resilient and Sustainable Economy Amidst Geopolitical Uncertainty, Tokyo, 23 November 2023.</p> <p>Moderator, the 12th ERIA Editors' Roundtable - Challenges of Digital and Geopolitical Transformation in ASEAN, Jakarta, 7 November 2023.</p> <p>Presenter on 'Levelling the Playing Field of Digital Trade', RIN Online Workshop 2023, online, 31 October 2023.</p> <p>Presentation on 'Mutual Beneficial Areas for Further ASEAN-China Cooperation: Suggestions for ACFTA 3.0 with implications for ASEAN+1 FTA upgrades', ERIA Consultation meeting on "ASEAN-China Free Trade Area", Bali, 21 October 2023.</p> <p>Speaker, Indonesian Ministry of Trade (MOT) Seminar on Improving Indonesia's Trade in the Digital Economic Era, Tangerang, 20 October 2023.</p> <p>Speaker, <i>Experts Consultation on Using Digital Health as an Enabler and Changer for Health</i> by WHO, Manila, 3 August 2023.</p> <p>Speaker, International seminar on Economic Security Issues in East Asia, Seoul, 29 June 2023.</p>

Researcher	International Workshop/Conference/Lectures
	<p>Speaker, the Asia-Europe Sustainable Connectivity Scientific Conference, online, 14-15 June 2023.</p> <p>Moderator, International Seminar on Building on the ASEAN-Japan Golden Jubilee for A Shared Economic Future, Jakarta, 15 May 2023</p> <p>Speaker, ASEAN-Korea Trade and Investment Roundtable 2023 2023 – ASEAN Outlook on the Indo-Pacific (AOIP) and Korea's Indo-Pacific Strategy, online, 12 April 2023.</p> <p>Panelist, Seminar on Data-driven Policy Design for Healthier and More Resilient Cyber Ecosystem, Jakarta, 5 April 2023.</p> <p>Panelist, the ASEM Day 2023, Bandung, 8 March 2023.</p>
Doan Thi Thanh Ha	<p>Speaker, 'The 20th World Congress of The International Economic Association (IEA) on 'Recent Development in East Asian Economic Integration'', organised by The International Economic Association (IEA), 11 – 15 December 2023.</p> <p>Speaker, 'Webinar on 'The Geography of Production and Sourcing in the Weightless Economy: Evidence from Open-source Software'', organised by The Vienna Institute for International Economic Studies, 14 November 2023.</p> <p>Presenter, 'The East Asian Economic Association (EAEA) Conference', organised by Seoul National University, Seoul, Republic of Korea, 21 – 22 October 2023.</p> <p>Speaker, 'European Trade Study Group (ETSG) 2023 Conference', organised by University of Surrey, Guildford, United Kingdom, 14 - 16 September 2023.</p> <p>Chair, 'High-Level Policy Dialogue (HLPD) on "Indonesia's ASEAN Chairmanship 2023: Promoting ASEAN Relevance in Global Market"', organised by The Trade Policy Agency of Ministry of Trade of the Republic of Indonesia, ERIA, and ITAPS FEM IPB University, Jakarta, 4 August 2023.</p>
Han Phoumin	<p>Presented on 'Natural for economic development and energy transition in ASEAN', <i>Natural Gas for Sustainable Development: Coal to Gas: Picking Low-Hanging Fruit on the Decarbonization Tree GECF</i>, by RystadEnergy, OLADE, and ERIA at COP 28 UAE. December 2nd, 2023:</p> <p>Presented on 'Potential solar, wind and energy battery storage to decarbonise the emissions in ASEAN' in <i>The 17th Asia Pacific Conference on Built Environment (APCBE)</i>, Malaysia November 3-4th, 2023:</p> <p>Presented on 'Charting pathways to carbon neutrality in ASEAN', Special seminar at Seoul National University, October 23rd, 2023:.</p> <p>Presented on 'The role of clean technologies and renewables in meeting net zero emissions in ASEAN' in <i>The 18th EAEA International Conference</i>. October 21-22nd, 2023.</p> <p>Expert panel members for the Oil and Gas Security Exercise (OGSE)for Thailand case. The OGSE organised by APERC for the APEC September 6-8th, 2023</p> <p>Presented on 'Challenges and opportunities for Asia countries meeting net zero target', <i>Energy Studies Institute, University of Singapore. Special conference on carbon neutrality</i>. September 4-5th, 2023:</p>

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	<p>Moderator panel discussion 1 on "Acceleration of Green Transformation by DX and Financial measures. <i>ASEAN Energy Business Forum (AEBF): Energy Transitions in ASEAN by utilizing "All Fuels and All Technologies"</i> By JETRO, August 25th, 2023</p> <p>Presented on 'ERIA's Energy outlook and saving potential 2023' at <i>AEBF on "Charting energy outlook in ASEAN."</i> By ACE.</p> <p>Presented on:(1) Transition technologies and Financing towards ASEAN's carbon neutrality;(2) Opportunities and barriers on financing CCUS in <i>Indonesia's ASEAN Chairmanship Side Event: Sustainable Energy Financing and Mobilisation of Energy Investment and Advancing CCUS Implementation for Energy Security in ASEAN.</i> Co-hosted by ERIA, Ministry of Energy, Mineral Resource Republic of Indonesia (MEMR), ASEAN Centre for Energy (ACE), Bali August 23rd, 2023:</p> <p>Presented on 'Financing renewables and clean technologies', <i>Sustainable Energy Technologies Asia (SETA 2023)</i>. August 17th,2023</p> <p>Moderator, ERIA's parallel session on Energy Transition in the ASEAN Chairmanship High Policy Level Dialogue (HLPD). August 4th, 2023:</p> <p>Presenter of (1) Exploring financial mechanism for energy transitions and (2) Green hydrogen development and technologies in <i>Mid-Year Conference and Exhibition 2023 (MYCE 2023) – Energy Seminar on Just Energy Transition towards Green and Sustainable Development in Southeast Asia</i>. July 5-6th, 2023</p> <p>Presented on 'Securing future critical minerals for energy transitions: Asia's perspectives' in <i>Asia Clean Energy Forum</i>. June 12th, 2023:</p> <p>Presenter 'Navigating the complexities of energy transition in ASEAN and EAS region', Ambassadors meeting of ERIA member states & dialogue partners. June 7th, 2023:</p> <p>Presented together with Dr. Abu on 'Resilient Renewable Supply and Power Connectivity ASEAN & India' in <i>G20 Energy Transition Working Group</i>. April 2-4th, 2023</p>
Yoshie Hirose	<p>Organizer / 6th Well Aging Society Summit Asia-Japan, organized by ERIA, METI, and NIKKEI, Tokyo, Japan [21 November 2023]</p> <p>Organizer / 3rd MEV-MEJ Forum Meeting on Sharing Experiences in Adaption to Aging and Care for the Elderly in Vietnam and Japan, organized by ERIA, MEJ, and GOPFP Hanoi, Viet Nam [29 August 2023]</p> <p>Organizer / 2nd MEV-MEJ Forum Meeting On the Prevention, Control of Non-Communicable Disease, organizer by ERIA, MEJ, and Bach Mae Hospital, Hanoi, Viet Nam, [27 June 2023]</p> <p>Organizer, with Minister of Health and Family Welfare, India, organized by ERIA and MEJ, Tokyo, Japan [15 May 2023]</p>
Lili Yan Ing	<p>Remarks, "International Conference on Regulating Technology in Asia (ICRTA) and Special Session on Local Content Requirements (LCRs), UPH-ERIA, Pelita Harapan University Tangerang, 7 March 2024</p>

Researcher	International Workshop/Conference/Lectures
	Speaker, "Asia's Economic Transformation: a Half Century Journey" IDE-JETRO, World Bank and Asahi Shimbun International Forum at Tokyo, 6 March 2024
	Panel Speaker, "Asia's Economic Transformation: a Half Decade Journey", 1 st Asian Development Forum at The ADB-PRC Regional Knowledge Sharing Initiative (RКСI) Hangzhou, 29 January 2024
	Panel Speaker, "ASEAN between the US and China", Regional Outlook Forum 2024 at ISEAS Singapore, 10 January 2024
	Speaker, "Automation in Indonesia: Productivity, Quality, and Employment", Academic Session at the 20th IEA World Economic Congress, 12 December 2023
	Panel Speaker, Panel Discussion at the 20th IEA World Congress on A New Global Economic Order, 12 December 2023
	Speaker, "Developing High-Quality Manufacturing in ASEAN", Panel Discussion at 2023 Guangzhou Forum on High-Quality Development of Manufacturing, 1 December 2023
	Speaker, "ASEAN-China: Now and Then", Public Lecture at the Guangzhou Institute of GBA, 28 November 2023
	Speaker, Panel Discussion at Indonesia Economic Outlook 2024 Forum on Local Content Requirements, 2 October 2023
	Speaker, "International Trade with ASEAN", Session at Bloomberg CEO Forum at ASEAN, 6 September 2023
	Speaker, "Sustainable Investment for Supply Chain Resilience", Session at ASEAN Investment Forum, 2 September 2023
	Speaker, "Indonesia Economic Outlook: Optimistic, yet Need to be Mindful...", Discussion with Ministry of Foreign Affairs of Indonesia on Grand Design Economic Diplomation, 10 August 2023
	Speaker, "Robots and AI: A New Economic Era", Session at ASEAN Chairmanship High Level Policy Dialogue, 4 August 2023
	Speaker, "What Role for ASEAN in Global Trade?", AIG Global Trade Series Podcast, Season 4, Episode 4, August 2023
	Speaker, "ASEAN Digital Community 2045", Session at JCER Roundtable Meeting: Aspiring to an ASEAN-Japan Digital Economy Cooperation, 27 June 2023
	Speaker, "ASEAN Digital Community 2045", Session at High-end International Symposium on Improving ASEAN – East Asia Trade and Investment in Digital Economic Era, 14 June 2023
	Speaker, "Resilient Supply Chains while Decoupling is Everywhere?", Session at the 21 st IORA Working Group on Trade and Investment Meeting, 23 May 2023
	Speaker, "Non-tariff Measures in ASEAN", Public Lecture at University of Indonesia, 8 May 2023

Researcher	International Workshop/Conference/Lectures
Fusanori Iwasaki	Panellist, OECD-FSC-KIF Roundtable on Digital Finance in ASEAN, organised by Organization of Economic Co-operation and Development, Financial Services Commission of Korea and Korea Institute of Finance, Seoul, 18 and 19 March 2024.
	Moderator, ERIA and De La Salle University Workshop on Digital Divide in ASEAN, Manila, 8 March 2024
	Speaker, ASEAN – Japan 50 years anniversary E-DISC event, organised by ERIA, Tokyo, 15 December 2023.
	Speaker, Viet Nam Circular Economy Forum, organised by Ministry of Environment and Natural Resources of Viet Nam, Hanoi, 17 November 2023
	Lecturer, Keidanren Lecture, organised by Keirendan (Japan Business Federation) Committee on ASEAN, Tokyo, 29 September 2023
	Speaker, RIETI BBL, organised by Research Institute of Economy Trade and Industry (RIETI), Tokyo (Hybrid), 28 September 2023
	Speaker, Trilateral Expert Seminar on RCEP, organized by Trilateral Cooperation Secretariat, Seoul (online), 22 June 2023
Takuma Kato	Keynote Speaker, <i>The 21st ASEAN & Japan High-Level Officials Meeting on Caring Societies</i> , by MHLW Japan and ERIA, Oita, 28-30 November 2023.
	Speaker, <i>ARISE (Academic Research Organisation Alliance for Southeast and East Asia) Annual Meeting</i> , by NCGM (National Center for Global Medicine), Tokyo, 5-8 February 2024
	Speaker, <i>The 19th ASEAN SOMSWD (Senior Officials Meeting on Social Welfare and Development)</i> by ASEAN, Ha Long, 13-16 November 2024 (open session only)
	Moderator and Speaker, <i>International Conference on Measuring Well-being “Beyond GDP” in Asia, South-East Asia, and Korea</i> by OECD, Seoul, 19-20 September 2023.
	Remarks, <i>International Workshop on Developmental Disorders in the ASEAN Region</i> by LSPR, Jakarta, 31 August 2023
	Speaker, <i>Ministerial Working Lunch on “Healthy Ageing in Asia” (G7 Health Ministers’ Meeting Official Side Event)</i> by ERIA, Nagasaki, 13 May 2023.
Reo Kawamura	Panellist and Moderator, <i>3rd Regional Workshop Series: Reduce, Reuse, Recycle to Protect the Marine Environment and Coral Reefs (3RproMar) From Knowledge to Action: Facilitating Concrete Efforts for Enhanced Land-Based Marine Litter Prevention in ASEAN</i> by GIZ, Iloilo City, the Philippines, 20-21 March 2024.
	Speaker, <i>Interview Desk Study on the Development of Indonesia Minister of Environment and Forestry Regulation No. 75/2019 POST 2029, “Problems, Challenges, Opportunities, and Potential Approaches to EPR Implementation Policy in Indonesia”</i> by GIZ and Indonesian Plastic Recycling Association (ADUPI), Jakarta, Indonesia, 18 March 2024.

Researcher	International Workshop/Conference/Lectures
	<p>Remarks, <i>First ASEAN-Japan Young Environmental Leaders Network Symposium</i> by ASEAN-Japan Centre, Tokyo, Japan, 15 March 2024 (Video message).</p> <p>Panellist, <i>National Stakeholder Workshop of the ASEAN-Germany Cooperation Project: Reduce, Reuse, Recycle to Protect the Marine Environment and Coral Reefs (3RproMar)</i> by GIZ Vietnam, Binh Duong New City, Viet Nam, 22 November 2023.</p> <p>Panellist, <i>Beyond Borders: Working Regionally to Tackle Plastic Pollution</i> by the World Bank, Nairobi, Kenya, 16 November 2023.</p> <p>Remarks, <i>Breaking the Plastic Habit in Asia: A Public Dialogue on the Application of Behavioral Insights</i> by ERIA and IGES, Jakarta, Indonesia, 9 November 2023.</p> <p>Moderator, <i>First Consultation Workshop for the Knowledge and Partnerships Platform of the Southeast Asia Regional Program on Combating Marine Plastics (SEA-MaP)</i> by the World Bank, Jakarta, Indonesia, 18 October 2023.</p> <p>Speaker, <i>ASEAN Conference on Combatting Plastic Pollution: Enhanced Synergies and Collaborative Actions to Combatting Plastic Pollution, Including to the Marine Environment</i> by Government of Indonesia, ERIA and NPAP, Jakarta, Indonesia, 17 October 2023.</p> <p>Speaker, <i>Regional consultations of the Asia Pacific States in preparation for the third session of the Intergovernmental Negotiation Committee to develop an international legally binding instrument on plastic pollution, including the marine environment</i> by UNEP Regional Office for Asia Pacific, Colombo, Sri Lanka, 2 October 2023.</p> <p>Remarks, <i>ASEAN Regional Dissemination Workshop: Development and dissemination of technical guidelines for plastics and resin pellets leakage prevention from factories and informal recycling sector in the ASEAN</i> by AIT RRC.AP and ERIA, Pattaya City, Thailand, 28 September 2023.</p> <p>Speaker, <i>ASEAN-Japan Cooperation Symposium</i> by Ministry of the Environment of Japan, Vientiane, Lao PDR, 24 August 2023.</p> <p>Remarks, <i>Thematic Seminar on Private Sector and plastic waste reduction</i> by ERIA and Ministry of Natural Resources and Environment of Laos, Vientiane, Lao PDR, 23 August 2023.</p> <p>Speaker, <i>The 34th ASEAN Senior Officials on Environment (ASOEN) meeting</i> by ASEAN Secretariat, Bogor, Indonesia, 2 August 2023.</p> <p>Speaker, <i>Joint Briefing Technology and Innovation Solutions to Address Marine Debris in Southeast Asia</i> by AIPA, ICCF and UNCTAD, Bogor, Indonesia, 6 July 2023.</p>
Shigeru Kimura	<p>Presenter, 'Nuclear Energy in ASEAN Region' at Asia Pacific Nuclear Energy 2023, Singapore, [19 October 2023]</p> <p>Presenter, 'Low Carbon Energy Transition of EAS Countries' at Inaugural International Society for Energy Transition Studies (ISETS) International Conference, Bangkok, Thailand, [16-17 October 2023]</p>

Researcher	International Workshop/Conference/Lectures
	<p>Presenter, 'Issues and Challenges of Fuel Ammonia in EAS Region' at 3rd International Conference on Fuel Ammonia (ICFA2023), Ministry of Economy, Trade and Industry (METI) and Clean Fuel Ammonia Association (CFAA), [29 September 2023]</p> <p>Presenter, 'Energy Transition in Asia – Gaps in a Future Scenario : from the EAS Energy Outlook updated by ERIA' at the 8th Energy Research Institute Network (ERIN) Workshop, New Delhi, India, [14 July 2023]</p> <p>Presenter, 'Topic 6 – Policy Recommendations Toward the Adoption of Hydrogen /Ammonia Energy' at the Global Pathways to Hydrogen Energy Future – Japan, Institute on Science for Global Policy (ISGP), Yokohama, Japan, [9 April 2023]</p>
Michikazu Kojima	<p>Panellist, <i>3rd Regional Workshop Series: Reduce, Reuse, Recycle to Protect the Marine Environment and Coral Reefs (3RproMar) From Knowledge to Action: Facilitating Concrete Efforts for Enhanced Land-Based Marine Litter Prevention in ASEAN</i> by GIZ, Iloilo City, the Philippines, 20-21 March 2024.</p> <p>Speaker, Interview Desk Study on the Development of Indonesia Minister of Environment and Forestry Regulation No. 75/2019 POST 2029, "Problems, Challenges, Opportunities, and Potential Approaches to EPR Implementation Policy in Indonesia" by GIZ and Indonesian Plastic Recycling Association (ADUPI), Jakarta, Indonesia, 18 March 2024.</p> <p>Speaker, <i>EPR and Beyond - Case studies, Challenges, Opportunities, and Best Practices from within and outside ASEAN</i>, by ERIA and IGES, March 5, 2024.</p> <p>Speaker, <i>ASEAN Circular Economy Forum 2023: Paving ASEAN's path to a carbon-neutral circular economy</i> by Team Finland, the ASEAN Secretariat, Sitra & WCEF, E-READI, ACESP, EU Greeneration Foundation and Indonesia Circular Economy Forum, Jakarta, 9 November 2023.</p> <p>Speaker, <i>FY2023 Technical Training Program in Japan on Monitoring Methodologies of Marine Litter in 2023</i> by MOEJ and IDEA Consulting, Tokyo, 6 November 2023.</p> <p>Speaker and Panellist, <i>ASEAN Conference on Combatting Plastic Pollution: Enhanced Synergies and Collaborative Actions to Combatting Plastic Pollution, Including to the Marine Environment</i> by the Indonesian Government, ERIA and NPAP, Jakarta, 17 October 2023.</p> <p>Speaker, <i>ASEAN Coordination Meeting on the Ongoing Intergovernmental Negotiating Committee (INC) Processes for Global Plastic Pollution Treaty</i> by the Indonesian Government, Jakarta, 16 October 2023.</p> <p>Speaker, <i>Extended Producer Responsibility (EPR): Towards the Circular Economy with Perspectives from Indonesia to ASEAN and East Asia</i> by Universiti Indonesia, October 11, 2023.</p> <p>Speaker, <i>ASEAN Regional Dissemination Workshop "Development and dissemination of technical guidelines for plastics and resin pellets leakage prevention from factories and informal recycling sector in the ASEAN"</i> by AIT RRC AP, Pattaya City, Thailand, 28 September 2023.</p> <p>Remarks, <i>Upstream and Downstream: Plastic Waste Management in Laos</i> by ERIA, MoNRE of Lao PDR, MOEJ, and ASEAN Secretariat, Vientiane, 23 August 2023.</p> <p>Speaker, <i>Regional Knowledge Sharing and Opportunities Identification for Enhanced Marine Plastic Debris Reduction</i> by MOEJ, ERIA, IGES, and the ASEAN Secretariat, Vientiane, 23 August 2023.</p>

Researcher	International Workshop/Conference/Lectures
	<p>Speaker, <i>the 8th Meeting of the ASEAN Working Group on Chemicals and Waste (AWGCW)</i> by ASEAN Secretariat and MONRE Vietnam, Hanoi, 5-7 July 2023.</p> <p>Speaker and Remarks, <i>the 4th ERIA's Experts Working Group on Marine Plastic Debris Meeting</i> by ERIA and IGES, Denpasar, Bali, 23-25 May 2023.</p> <p>Speaker, <i>the 24th ASEAN Coordination Meeting with Partners on Coastal and Marine Environment (AWGCME)</i> by ASEAN Secretariat, Denpasar, Bali, 23 May 2023.</p> <p>Speaker, <i>the 2nd Regional Workshop Series: Reduce, Reuse, Recycle to Protect the Marine Environment and Coral Reefs (3RproMar) Preventing Marine Plastic Pollution for a Stronger Circular Economy in ASEAN</i> by GIZ 3RproMar, Denpasar, Bali, 22 May 2023.</p> <p>Speaker, <i>Rethinking Plastics: EPR Paving the Way Towards Circularity</i> by Nestle Philippines and DENR, Manila, 10 May 2023 (online).</p> <p>Speaker, <i>the 3rd Regional Ocean Policy Dialogue on Marine Plastic Pollution in Southeast Asia</i> by OECD and CMMAI, Nusa Dua, Bali, 3-4 May 2023.</p> <p>Speaker and Remarks, <i>Philippine Private Sector's Initiatives to Curb Marine Plastic through EPR</i> by ERIA, Manila, 14 April 2023.</p>
Masanori Kozono	<p>Speaker, 'Back-to-back ASEAN Workshop on the Priority Economic Deliverables (PEDs) for Lao PDR's 2024 ASEAN Chairmanship' by ERIA, ASEAN Secretariat and Ministry of Agriculture and Forestry (MAF), Lao PDR. Vangvieng, Lao PDR, 5-7 March 2024.</p> <p>Remarks, 'Back-to-back ASEAN Workshop on the Priority Economic Deliverables (PEDs) for Lao PDR's 2024 ASEAN Chairmanship' by ERIA, ASEAN Secretariat and Ministry of Agriculture and Forestry (MAF), Lao PDR. Vangvieng, Lao PDR, 5-7 March 2024</p> <p>Speaker, <i>Forum on Developing the Action Plan for Implementing the Regional Guidelines on Sustainable Agriculture</i>, by ASEAN Secretariat and ERIA, Jakarta, 22-23 November 2023.</p> <p>Speaker, <i>PrepsSOM-45th ASEAN Ministers on Agriculture and Forestry (AMAF)</i> by ASEAN Secretariat, Jakarta, 2 October 2023.</p> <p>Speaker, <i>Senior Officials Meeting-ASEAN Ministers on Agriculture and Forestry (SOM-AMAF), SOM-AMAF+3, SOM-ASEAN Japan MAF</i>, by ASEAN Secretariat, Jakarta, 22 August 2023.</p> <p>Speaker, <i>The International Grains Council (IGC) - the Institute for the Development of Agricultural Cooperation in Asia (IDACA) Project</i> by IDACA, Online, 31 July 2023.</p> <p>Speaker, <i>The 43rd Meeting of ASEAN Food Security Reserve Board</i> by The ASEAN Secretariat and National Food Agency of Indonesia, Bogor, 8 June 2023.</p> <p>Speaker, <i>Workshop on the development of Action Plan for the implementation of the ASEAN Guidelines on Sustainable Agriculture</i> by ERIA and ASEAN Secretariat, Jakarta, 30 May 2023.</p> <p>Remarks, <i>Workshop on the development of Action Plan for the implementation of the ASEAN Guidelines on Sustainable Agriculture</i> by ERIA and ASEAN Secretariat, Jakarta, 30 May 2023</p>

Researcher	International Workshop/Conference/Lectures
	Speaker, <i>17th ASEAN Technical Working Group on Agricultural Research and Development (ATWGARD) Meeting</i> by [organizer], Online, 5 April 2023
Dionisius Narjoko	Keynote Speaker, <i>Blue Food Analysis (BFA) Indonesia Secondary Analysis Workshop</i> , ERIA, Bandung, 18-19 January 2024.
	Moderator, Indonesia-Belanda Roundtable Discussion on Regional Security, Ministry of Foreign Affairs, Jakarta, 5 March 2024.
	Chairperson, Indonesia Development Forum 2023, Session 3: Progressing Blue Economy: IBEI, Green Shipping and Seaweed, Ministry of National Development Planning, Batam, 18 December 2023.
	Moderator, <i>Symposium on Digital Economy and Sustainability and Launch of the Digital Innovation and Sustainable Economy Centre (DISC), Key Issues in Digital Economy and Sustainable Economic Development</i> , Jakarta 24 August 2023.
	Speaker, <i>2023 Trilateral Economic Report Launch and Seminar, Session I: Regional Economic Performance and Integration in the Post Pandemic Era</i> , Trilateral Cooperation Secretariat, 21-22 June 2023.
Keita Okawa	Presenter, 'COVID-19 Pandemic and Digitalization: Case Studies from Indonesia', in <i>ADB Economists' Forum</i> by ADB, Manila [18 January 2024]
	Presenter, 'Digital Tool Adoption of Firms in ASEAN Before, During and After the COVID-19 Pandemic', in <i>ADB Economists' Forum</i> , by ADB, Manila [18 January 2024]
	Presenter, 'Digital tool adoption of firms in ASEAN before, during and after the COVID-19 pandemic', in East Asia Economic Associations (EAEA), October 2023 (review).
Tran Dong Phuong	Moderator, <i>Asia Zero Emission Community (AZEC) Pre-Workshop: The ASEAN Power Grid (APG) in Decarbonizing ASEAN Power Sector</i> , organized by ERIA, 17 November 2023
	Discussant, <i>the Final Group Consultation Meeting of ERIA's Research Study on ASEAN-China Free Trade Area</i> , Organized by ERIA, 21 October 2023
	Moderator, Workshops on EV and Bioenergy with organized by Ministry of Energy and Mineral Resources of Indonesia and ASEAN Centre for Energy (ACE), 4 October 2023
	Speaker, <i>The 6th East Asia Summit Clean Energy Forum (EAS CEF)</i> , organized by National Energy Administration of China, People's Government of Hainan Province, and Ministry of Energy and Mineral Resources of Indonesia, 20 September 2023.
	Panelist, <i>Kick-off for Indonesia's ASEAN Chairmanship 2023 in Energy Sector</i> , organized by Ministry of Energy and Mineral Resources of Indonesia, 31 March 2023
Anita Prakash	Moderator, <i>Raisina Dialogue</i> by ERIA and Observer Research Foundation (ORF), New Delhi, 23 February 2024.
	Keynote speaker, <i>ASEAN Indo-Pacific Forum: Implementation of the AOIP</i> , by ASEAN Secretariat Jakarta, 5 September 2023

Researcher	International Workshop/Conference/Lectures
Alloysius Joko Purwanto	Keynote speaker, <i>11th OECD-AMRO-ADB-ADBI-ERIA Asian Regional Roundtable</i> , online, 27 July 2023.
	Presenter, 'Can Private Electric Vehicles Become a Popular Choice in ASEAN Countries?' <i>18th East Asian Economic Association (EAEA) International Conference</i> , Seoul, South Korea 20-21 October 2023
	Panelist, 'Indonesia's Strategy to Build Its Electric Vehicle Ecosystem: A Sustainability Perspective', <i>International Conference Geopolitics: The Adjustment of Global Supply Chain and Policy</i> , Taipei, Taiwan 18 October 2023
	Panelist, 'Low Carbon Electricity Pricing in ASEAN: Cases of Vietnam, the Philippines, and Indonesia', <i>The Convention on Promotion of Energy Sustainability Best Practices (COPE-BEST)</i> , Kuala-Lumpur, Malaysia, 2 – 4 October 2023
	Panelist, 'Decarbonization: the ASEAN's Way, High-Level Policy Dialogue' <i>Indonesia's ASEAN Chairmanship 2023: Promoting ASEAN Relevance in Global Market</i> , Jakarta 4 October 2023
	Keynote Speaker, <i>ASEAN Energy Think Tank Cooperation Progress and Achievements, ASEAN-China Clean Energy Think Tank Dialogue</i> , Haikou City, Hainan, China, September 21, 2023
	Panelist, 'Potential of Biomass for Energy in Indonesia, Energy Transitions in ASEAN by utilizing', <i>All Fuels and All Technologies" ASEAN Energy Business Forum (AEBF)</i> by JETRO Office, Nusa Dua Bali, Indonesia, 25 August 2023
	Moderator & Panelists, <i>Mid-Year Conference and Exhibition (MYCE) on the Just Energy Transition towards Green and Sustainable Development in Southeast Asia</i> , Bandar Seri Begawan, Brunei Darussalam, 5-6 July 2023
	Scene setter, 'Feasible Solutions to Deliver LNG for Power Generations in Southeast Asian Archipelago-Case of Indonesia and the Philippines', <i>Indonesia ASEAN Chairmanship 2023 Joint Workshop "On Improving Energy Security in Islands and Remote Grids in ASEAN through Utilisation of Emerging Clean Energy Innovation</i> , Jakarta, Indonesia, 5 April 2023
	Panelist, 'Policy Needs to Create and Grow Low-carbon Hydrogen Markets in ASEAN', <i>Implications of low-carbon hydrogen production on renewable energy systems</i> by OECD, Paris, France & Virtual, 30 March 2023
Speaker, 'Best Energy Mix Policy Alternatives to Support Net Zero Emission in Indonesia, "Human Capital Development towards Net Zero Emission 2060"- <i>Human Capital Summit</i> by Ministry of Energy and Mineral Resources (MEMR) of the Republic of Indonesia, Jakarta, Indonesia, 21 March 2023	
Intan Ramli	Panel speaker on 'Update on ASEAN Economic Integration', <i>APEC Committee on Trade and Investment Meeting, First Senior Officials' Meeting and related Meetings</i> , by APEC, Lima, Peru, 4 March 2024
	Panel speaker on 'Implementing Good Regulatory Practices (GRP) on Sustainability Initiatives in ASEAN', <i>APEC Economic Committee Meeting, First Senior Officials' Meeting and related Meetings</i> , by APEC, Lima, Peru, 4 March 2024
	Speaker, <i>The Investment Models and Opportunities for Global, Regional, and Bilateral Partnerships in South Korea and Indonesia</i> , Epistemic Forum, 9 Nov 2023, Seoul, Korea

Researcher	International Workshop/Conference/Lectures
	Speaker, <i>Third Senior Official Meeting Investment Expert's Group (IEG)</i> , by APEC Malaysia, Seattle, 4 August 2023.
	Speaker, <i>GOS: Public-Private Dialogue on Manufacturing-Related Services</i> by APEC Malaysia, Seattle, 6 August 2023.
	Speaker, <i>Group on Services ASCR Dialogue: Services and Structural Reform</i> by APEC Australia, Detroit, 19 May 2023
	ERIA-OECD <i>Joint Workshop on Leveraging the STRI to Support Services Facilitation in ASEAN</i> , by ERIA and OECD, Yogyakarta, 16 May 2023.
	Keynote Speaker, <i>Introduction of Circular Economy for Policy-Makers</i> by ERIA, Phnom Penh, 3 May 2023
Ataddin Rillo	Keynote Speaker, 2024 Chatham House Global Trade Conference, organised by Chatham House and Royal Institute of International Affairs, London, UK, on 07 March 2024
	Speaker, ASEAN Tourism Ministers Meeting, organised by Ministry of Information, Culture and Tourism of Lao PDR, in Vientiane, Lao PDR, on 22-26 January 2024
	Speaker, E-DISC Seminar on Digital Transformation, Tokyo, Japan, 16 December 2023
	Keynote Speaker, Property Guru's Roundtable, Bangkok, Thailand, 06-08 December 2023
	Keynote Speaker, TBI Philippines Startup Week, Iloilo City, Philippines, 20-21 November 2023
	Head of Delegate, OECD Southeast Asia Ministerial Forum, Ha Noi, Viet Nam, 26-27 October 2023
	Keynote Speaker, High Level Dialogue on ASEAN-Italy Economic Relations, Ambrosetti, Bangkok, Thailand, 01-05 October 2023
	Panellist, APAC National ICT Roundtable, Shanghai, China, 20 September 2023
	Speaker, Asia Pacific Seeds for Future 2023 Summit, Shanghai, China, 19 September 2023
	Moderator, ASEAN Tourism Consultation Meeting and Workshop, Luang Prabang, Lao PDR, 6-10 September 2023
	Speaker, MYCE 2023 Energy Seminar: A Just Energy Transition towards Green and Sustainable Development in Southeast Asia, Bandar Seri Begawan, Brunei Darussalam, 10 July 2023
	Moderator, <i>Improving ASEAN-China Trade and Investment in Digital Economic Era</i> by Shenyang University, Shenyang, China, 14 June 2023
	Keynote Speaker, Nordic ASEAN Forum, Malmo, Sweden, 26 May 2023
	Keynote Speaker, EU-Indo Pacific Forum, IFRI, Paris, France, 24 May 2023
	Panellist, CSIS Seminar on ASEAN-Japan 50 th Anniversary, Jakarta, Indonesia, 15 May 2023

Researcher	International Workshop/Conference/Lectures
	<p>Speaker, Investing to the New Epicentre of Global Growth: ASEAN, Annual Investment Meeting, Abu Dhabi, 08-10 May 2023</p> <p>Moderator, <i>ASEAN Conference on Strengthening Food Security Integration</i> by ASEC, MOA and MOFA Indonesia, Jakarta 17 April 2023.</p>
Rashesh Shrestha	<p>Presenter, "Developing sustainable and competitive industrial parks in Lao PDR" at the Ministry of Industry and Commerce of Lao PDR organized by the Ministry of Industry and Commerce of Lao PDR</p> <p>Presenter, "Narrowing the development gap for an inclusive economic community", at "Post-2025 ASEAN Economic Community Agenda" organized by the Centre on Asia and Globalisation (CAG), Lee Kuan Yew School of Public Policy (LKYSPP) [26 February 2024]</p> <p>Presenter, "Trade facilitation and trade cost in East Asia", at the World Congress organized by International Economic Association [12 December 2023]</p> <p>Presenter, "ERIA research to support Lao PDR PED: Reframed strategies for narrowing development gaps in ASEAN", at the Research Institutes Network Meeting organized by IDE-JETRO [23 November 2023]</p> <p>Discussant, ERIA Session on trade, employment, and aging in East Asia, at the 2023 EAEA International Conference organized by the East Asia Economic Association [22 October 2023]</p> <p>Presenter, "Skills development for digitalization", 11th OECD-AMRO-ADB/ADBI-ERIA Asian Regional Roundtable on Macroeconomic and Structural Policies organized by ERIA [27 July 2023]</p> <p>Panelist, Digital Transformation with the Cloud, at the ADB x AWS x ERIA Policy Webinar Series [25 July 2023]</p> <p>Panelist, Seminar and Launch of the Study Report on 'Narrowing the Development Gap: Follow-Up Monitor of the ASEAN Frameworks for Equitable Economic Development' organized by the ASEAN Secretariat [25 May 2023]</p> <p>Presenter, "Technology and ASEAN Competitiveness" presented at the Round Table Discussion for the ASEAN Socio-Cultural Community Research and Development Project on "The Future of Work in ASEAN" organized by the ASEAN Secretariat [17 April 2023]</p>
Antonio Villanueva	<p>Panelist, <i>WHO (World Health Organisation) EDL (Essential Diagnostic List) Workshop with Cambodia</i>, by Ministry of Health Cambodia, Phnom Penh, 19-20 February 2024</p> <p>Lecturer, 'How to Manage Multi-Regional Clinical Research Trials' by National Institutes of Health-University of the Philippines Manila on February 13, 2024</p> <p>Speaker, <i>ARISE (Academic Research Organisation Alliance for Southeast and East Asia) Annual Meeting</i>, by ARISE, Tokyo, 5-8 February 2024</p> <p>Lecturer, 'How to Write Clinical Research Papers' by San Lazaro Hospital, Department of Health-Philippines on December 28, 2023</p>

Researcher	International Workshop/Conference/Lectures
	<p>Panelist, <i>WHO (World Health Organisation) EDL (Essential Diagnostic List) Workshop with Thailand</i>, by Ministry of Health Thailand, Bangkok, 6-7 December 2023</p> <p>Panelist, <i>WHO (World Health Organisation) EDL (Essential Diagnostic List) Workshop with the Philippines</i>, by Department of Health Philippines, Manila, 4-5 December 2023</p> <p>Panelist, <i>WHO (World Health Organisation) EDL (Essential Diagnostic List) Workshop with Indonesia</i>, by Ministry of Health Indonesia, Jakarta, 13-14 November 2023</p> <p>Speaker-Panelist, <i>ASEAN Developmental Disorders with ASEAN</i>, by Ministry of Health Indonesia, Makassar, 11-12 October 2023</p> <p>Lecturer, 'First Aid Awareness and How to Manage an International Organization Medical Clinic' by ERIA 5F, Jakarta, 6 October, 2023</p> <p>Panelist, <i>International Clinical Trials Symposium</i>, by University of the Philippines National Institutes of Health, Manila, 31 August 2023</p>
Kentaro Yamada	<p>Speaker, <i>Presentation and Discussion: ERIA Studies for Lao PDR</i> by ERIA and Ministry of Industry and Commerce, Vientiane, Lao PDR, 21 March 2024.</p> <p>Speaker, <i>International Workshop on Enhancing Global Food Security through Climate Smart Agriculture, Digital Innovations, and New Institutional Governance</i> by ERIA and, Coimbatore, India, 28-30 August 2023.</p> <p>Speaker, <i>Workshop for sharing the findings and recommendations from the Scoping Study Research Project on Building and Enhancing Sustainable Agriculture and Food System in ASEAN Countries</i> by ERIA and IPB, Bogor, Indonesia, 31 May 2023.</p>
Fauziah Zen	<p>Chair, 'Government Support and Private Sector's Perspective on Public Private Partnership for Water Resources Infrastructure', <i>Seminar Series of Indonesia as The 10th Host of World Water Forum 2024</i>, Jakarta 7 February 2024</p> <p>Speaker, 'Indo-Pacific: Shaping the World Order', <i>Les Rencontres Économiques de Singapour - Singapore Economic Forum INSEAD Asia Campus</i>, Singapore, 25-26 January 2024.</p> <p>Speaker, 'Policy Session: Fiscal Policy to Support Inclusive and Sustainable Development in Developing Southeast Asia' in 20th <i>IEA World Congress</i>, Medellin, 13 December 2023.</p> <p>Presenter, <i>IEA Colombia: Green Fiscal Transition</i>, 15 December 2023</p> <p>Presenter, <i>Blue Economy Seminar</i>, ERIA – French Embassy, 4 December 2023</p> <p>Guest Lecture, <i>Workshop in Current Topics: 'Policy Review and Impacts of Financing SMEs'</i>, by Asian Public Policy Program, Hitotsubashi University, Tokyo, 1 December 2023.</p> <p>Chair, <i>Innovative Water Finance, Pre-Summit World Water Forum</i>, 11-12 October 2023, Bali.</p>

Researcher	International Workshop/Conference/Lectures
	<p>Moderator, <i>EAEA Annual Conference</i>, Seoul, 21 October 2023</p> <p>Chair, <i>Amplifying Partnerships: A Collaborative Drive to Strengthen Indonesia's Water Sector</i>, The 25th Indonesia Infrastructure Roundtable (IIR), Malang, 30 August 2023</p> <p>Panelist, <i>Sustainable Energy Financing and Mobilisation of Energy Investments to Ensure Energy Security and Achieve NDCs in ASEAN</i>, ASEAN Chairmanship 2023 Side Event, Bali, 23 August 2023</p> <p>Chair, <i>Digital Transformation</i>, High-Level Policy Dialogue on Indonesia's ASEAN Chairmanship 2023, Jakarta 4 August 2023</p> <p>Chair, <i>International Experts View on Blue Economy Discussion</i>, <i>Blue Economy Forum</i>, Indonesia's ASEAN Chairmanship, Belitung, 3 July 2023.</p> <p>Chair, <i>Digital Infrastructure in Asia</i>, High Level Panel Discussion on Improving ASEAN – East Asia Trade and Investment in Digital Economic Era, Shenyang, China, 14-15 June 2023</p>

Annex H

Selected Media Exposure



The full list can be downloaded at:

No.	Title of News Item or Article	Media Where it appeared	Event/Details	Date
1	Senior Economist Claims Investors Hesitant to Enter IKN with 2 Million Residents Limitation:	Tempo.co	Fauziah Zen was quoted	6-Mar-2024
2	Combating depopulation in Japan	East Asia Forum	An op-ed by Prof Shujiro Urata was published	5-Mar-2024
3	GECF signs MoUs with AFREC, ERIA	Qatar Tribune	ERIA was mentioned as part of MoUs	3-Mar-2024
4	AFREC, ERIA Sign MoU for Boosting Cooperation	Egypt Oil & Gas	ERIA was mentioned as part of MoUs	3-Mar-2024
5	GECF signs two MoUs to enhance energy cooperation in Africa and Asia, on the sidelines of the 7th GECF Summit	Associate Press Of Pakistan	Prof Jun Arima was quoted	2-Mar-2024
6	Synspective & Fujitsu Vietnam unite for disaster defence boost	IT Brief Asia	ERIA was mentioned as partner	13-Feb-2024
7	ASEAN needs to promote cross-border power trade	The Jakarta Post - Digital	An op-ed by ERIA's Research Associate: Nadiya Pranindita was published	26-Jan-2024
8	Philippines on track to energy transition, but RE targets could be higher	The Asian Business Review	Han Phoumin was quoted	15-Jan-2024
9	Prime Minister attends first meeting of AZEC leaders	Vn Economy	ERIA was mentioned for establishment of AZEC	19-Dec-2023
10	Japan one of ASEAN's most steadfast partners	Borneo Bulletin Online	Tetsuya Watanabe was mentioned	18-Dec-2023

No.	Title of News Item or Article	Media Where it appeared	Event/Details	Date
11	Japan-led Asian green initiative works to scale up transition finance	Nikkei Asian Review	ERIA was mentioned for establishment of AZEC	18-Dec-2023
12	Operational Technology Security in ASEAN - Edited by Keita Oikawa	Policy Commons	ERIA Research Project Report was published	16-Dec-2023
13	Southeast Asia Becomes Investment Destination for Japanese Companies	AsiaToday.id	Prof Shujiro Urata was quoted	15-Dec-2023
14	Ample room remains for ASEAN-Japan cooperation: researcher	People's Army Newspaper	Tetsuya Watanabe was quoted	15-Dec-2023
15	US and China butt heads over investment in Southeast Asia	KrASIA	ERIA was mentioned	12-Dec-2023
16	The investment race: U.S., China, and Japan in Southeast Asia	Seasia - Good News from Southeast Asia	ERIA was mentioned	10-Dec-2023
17	Can COP28 boost Global South?	Bangkok Post	An op-ed by Venkatachalam Anbumozhi was published	9-Dec-2023
18	Japanese Investors Favor Southeast Asia as Domestic Economy Slows	Jakarta Globe	Prof Shujiro Urata was quoted	4-Dec-2023
19	COP28 will soon begin, will it lead to strengthening of global climate change measures?	Tellerreport	Prof Jun Arima was quoted	30-Nov-2023
20	Japan and ASEAN can jointly tackle decarbonization, says think tank chief	Nikkei Asian Review	Tetsuya Watanabe was quoted	23-Nov-2023
21	President of ERIA calls on the Secretary-General of ASEAN	ASEAN Secretariat	Tetsuya Watanabe received by ASEAN SG	17-Nov-2023
22	Coal phase-out scheme draws minimal JETP funding	Asia News Network	Alloysius Joko Purwanto was quoted	14-Nov-2023
23	14th ASEAN Connectivity Symposium opens in Jakarta	KPL-Lao News Agency	ERIA and Tetsuya Watanabe was quoted	10-Nov-2023
24	Japan, ASEAN to strengthen ties for decarbonisation in bid to boost economic growth	Asia News Network	ERIA was mentioned	7-Nov-2023
25	South-east Asia's EV investment race	fDi Magazine	Alloysius Joko Purwanto was quoted	27-Oct-2023

No.	Title of News Item or Article	Media Where it appeared	Event/Details	Date
26	Bridging disparities to bolster digital transformation in ASEAN	The Voice of Vietnam	An op-ed by ERIA's Research Associate: Ivana Markus and Livia Nazara was published	5-Oct-2023
27	Indonesian and Indian G20 presidencies champion innovation and entrepreneurship	East Asia Forum	An op-ed by Giulia Ajmone Marsan was published	30-Sep-2023
28	Japan's pollution pedagogy	East Asia Forum	An op-ed by Michikazu Kojima was published	13-Sep-2023
29	With RCEP out of picture, time to review ASEAN-India FTA pact	ETV Bharat	Intan Ramli was quoted	4-Sep-2023
30	Indonesia, ERIA Collaborate To Strengthen ASEAN Digital Economy	VOI - Voice of Indonesia	ERIA and Tetsuya Watanabe was quoted	25-Aug-2023
31	ERIA launches digital innovation centre	The Nation (Thailand)	ERIA event on E-DISC launched was covered	25-Aug-2023
32	Indonesia's digital economy has grown rapidly: Finance Ministry	ANTARA News	ERIA's data was quoted	24-Aug-2023
33	ERIA launches a digital innovation centre	Thai PBS World	ERIA event on E-DISC launched was covered	24-Aug-2023
34	President of ERIA pays courtesy call on Deputy Secretary-General of ASEAN for ASCC	ASEAN Secretariat	Tetsuya Watanabe was quoted	14-Aug-2023
35	Saswata Chaudhury Raktimava Bose Debanka Samanta Venkatachalam Anbumozhi	Policy Commons	ERIA Research Project Report was published	12-Aug-2023
36	Challenges to ASEAN Payment Connectivity Dream	Jakarta Globe	Fauziah Zen was quoted	11-Aug-2023
37	ASEAN pins hopes on digital agreements	Treasury Today	An op-ed by Lurong Chen was published	26-Jul-2023
38	Profits, market expansion to hinge on digital awareness	Business World Online	Rashesh Shreshta was quoted	25-Jul-2023
39	Brunei's role in global energy transition	Borneo Bulletin Online	Shigeru Kimura was quoted	21-Jul-2023
40	Two-day seminar to focus on a 'just' energy transition	Borneo Bulletin Online	ERIA's Energy event was mentioned	10-Jul-2023
41	ASEAN's Just Transition Entails Reskilling a Diversified Workforce SEADS	SEADS	Giulia Ajmone Marsan was quoted	4-Jul-2023

No.	Title of News Item or Article	Media Where it appeared	Event/Details	Date
42	Redirecting Digital Public Infrastructure Innovations for Deep Sustainability Transformation	Policy Commons	Policy brief by Anbumozhi in G20 was published	1-Jul-2023
43	India-US trade relations take a positive turn	HinrichFoundation	An op-ed by Lili Yan Ing was mentioned	27-Jun-2023
44	Vietnam, Japan share experience in non-communicable disease prevention, control	Vietnam+	ERIA's event on healthcare covered as news	27-Jun-2023
45	ASEAN's Digital Future: Promising but not Without Difficult Challenges - The Geopolitics	The Geopolitics	ERIA's data was quoted	26-Jun-2023
46	Tackling poverty with green innovation	Borneo Bulletin Online	An op-ed by Giulia Ajmone Marsan was mentioned	24-Jun-2023
47	Secure REE supply chain to meet net zero goals	The Jakarta Post	An op-ed by Han Phoumin was published	22-Jun-2023
48	A secure and reliable rare earth mineral supply chain to meet net-zero emissions by 2050	The Manila Times	An op-ed by Han Phoumin was published	17-Jun-2023
49	Towards inclusive digital transformation	Borneo Bulletin Online	An op-ed by Lili Yan Ing and Yessi Vadila was mentioned	15-Jun-2023
50	Unlocking Asean's digital economy: Payment systems in the digital era	The Manila Times	An op-ed by Ivana Markus and Livia Nazara was published	15-Jun-2023
51	Robots and AI: A new economic era	The Jakarta Post - Digital	An op-ed by Lili Yan Ing was published	14-Jun-2023
52	ERIA board elects Tetsuya Watanabe as new President	The Nation (Thailand)	ERIA's new President: Tetsuya Watanabe's news was covered	13-Jun-2023
53	DENR chief pushes for integration of 'waste pickers' into EPR system	BusinessMirror	Michikazu Kojima was mentioned	12-Jun-2023
54	50 Years of ASEAN-Japan, Arsjad Rasjid: Moment to Strengthen Trade and Investment Relationships	Tempo.co	ERIA was mentioned	10-Jun-2023
55	ASEAN marching toward digital community 2045	The Jakarta Post - Digital	An op-ed by Lili Yan Ing and Yessi Vadila was published	31-May-2023
56	Asean at the crossroads: 'Progress toward SDG targets by 2030'	The Manila Times	An op-ed by ERIA's Research Associate: Ayu Pratiwi Mulyasyaroh was published	28-May-2023

No.	Title of News Item or Article	Media Where it appeared	Event/Details	Date
57	Russia's War in Ukraine Is Making the Heat Wave in Asia Even Deadlier	Time Magazine	Alloysius Joko Purwanto was quoted	19-May-2023
58	Roundtable tackles ERP	Malaya	Michikazu Kojima was mentioned	17-May-2023
59	Inclusive ASEAN: Women, Young, and People with Disabilities	Jakarta Globe	An op-ed by Lili Yan Ing was published	13-May-2023
60	ASEAN's Next Target: Digital Economic Community	Jakarta Globe	An op-ed by Lili Yan Ing and Yessi Vadila was published	13-May-2023
61	Energy, so many opportunities in ASEAN	Italia-ASEAN Associazione	Prof. Hidetoshi Nishimura was quoted	8-May-2023
62	Redirecting Digital Public Infrastructure - Global Solutions Journal 9 - Global Solutions Initiative Global Solutions Summit	Global Solutions Initiative	Article by Venkatachalam Anbumozhi was published	8-May-2023
63	Brunei Darussalam And ERIA Sign MoU To Develop Energy Cooperation	SolarQuarter	MoU with ERIA news was covered	5-May-2023
64	Commerce ministry pushes ASEAN-Japan economic relations	The Phnom Penh Post	ERIA was mentioned	23-Apr-2023
65	Can ASEAN emerge as an epicentrum of growth?	The Jakarta Post	An op-ed by Lili Yan Ing and Yessi Vadila was published	14-Apr-2023
66	East Asian economies resist decoupling	East Asia Forum	An op-ed by Prof Fukunari Kimura was published	14-Apr-2023
67	Young people in ASEAN jointly manage marine plastic waste Yanisa Ngamsaard	Newsdirectory3	Michikazu Kojima was quoted	9-Apr-2023
68	ASEAN promotes sustainable power security	Vietnam Investment Review	Prof. Hidetoshi Nishimura was quoted	6-Apr-2023
69	Innovation ministry ink intellectual property MoU with Japanese institutes	The Phnom Penh Post	MoU with ERIA news was covered	4-Apr-2023
70	Fully tapping potential of RCEP by Cambodia	Khmer Times	ERIA's report was quoted	4-Apr-2023

Annex I

Publications



Books

No.	Title	Author(s)/Editor(s)	ISBN / ISSN
1	ASEAN's Digital Integration: Evolution of Framework Documents	Ikumo Isono, Hilmy Prilliadi	978-6025-460-48-7
2	ASEAN-Japan Economic Partnership for a Sustainable and Resilient Future	Keita Oikawa, Fusanori Iwasaki	978-602-5460-47-0
3	Empowering Online Public Service in Asia: The Digital Frontier	Lurong Chen, Fukunari Kimura	978-602-5460-55-5
4	Energy Outlook and Energy-Saving Potential in East Asia 2023	Shigeru Kimura, Han Phoumin, Alloysius Joko Purwanto	3025-4159
5	Follow-up ASEAN Seamless Trade Facilitation Indicators	Salvador Buban, Dionisius Narjoko, Rashesh Shrestha, Doan Thi Thanh Ha	978-602-5460-49-4
6	Hydrogen Demand and Supply in ASEAN's Industry Sector	Alloysius Joko Purwanto, Ridwan Dewayanto Rusli	978-602-5460-54-8
7	Infrastructure for Inclusive Economic Development Volume 1: Lessons Learnt from Indonesia	Sri Mulyani Indrawati, Titik Anas, Candra Fajri Ananda, Fauziah Zen	978-602-5460-51-7
8	Infrastructure for Inclusive Economic Development Vol.2: Case Studies of Accelerated Projects	Kiki Verico, Heru Wibowo, M. Halley Yudhistira	978-602-5460-52-4
9	Membangun UMKM Pariwisata dan Ekonomi Kreatif di Indonesia Timur	Anika Widiana, Grace Hadiwidjaja, Militcyano Sapulette, Elitua Simarmata	978-602-5460-46-3
10	Viet Nam 2045: Development Issues and Challenges	Fukunari Kimura and the Viet Nam 2045 team	978-602-5460-53-1



Research Project Reports

No.	Title	Author(s)/Editor(s)	Number
1	Analysis of Future Mobility Fuel Scenarios Considering the Sustainable Use of Biofuels and Other Alternative Vehicle Fuels in East Asia Summit Countries – Phase III	Shinichirou Morimoto, Shabbir Gheewala, Nuwong Chollacoop, Venkatachalam Anbumozhi	RPR-2023-16
2	Assess EE&C Indicators and Policies to Ensure a Low Carbon Development Path	Masaru Kawachino, Mitsuru Motokura, Han Phoumin	RPR-2023-13
3	Blue Economy Initiatives in South-East Asia: Challenges and Opportunities	Intan Murnira Ramli, Tomy Waskitho	RPR-2023-17
4	Circular Value Chains of Electrical and Electronic Equipment in ASEAN	Keita Oikawa, Fusanori Iwasaki	RPR-2023-18
5	Cogeneration Potential in Indonesia's Industry Sector with Reference to Japan and Malaysian Experiences	Shigeru Kimura, Setsuo Miyakoshi, Leong Siew Meng, Luk Chau Beng	RPR-2023-14
6	Conducting Energy Consumption Survey and Establishing Energy Efficiency Indicators for the Industrial and Commercial Sectors of the Philippines	Shigeru Kimura, Leong Siew Meng, Citra Endah Nur Setyawati	RPR-2023-15
7	Decarbonisation of ASEAN Energy Systems: Optimum Technology Selection Model Analysis up to 2060 - Updated 2023	Seiya Endo, Soichi Morimoto, Hideaki Obane, Kei Shimogori, Ichiro Kutani, Toshiyuki Sakamoto, Shigeru Kimura	RPR-2023-30
8	Development and Assessment of a Meal Assistance and Oral Care Module for Care Workers in Asian Countries	Yuko O. Hirano	RPR-2023-09
9	Economic Impact of the Early Retirement of Fossil Power Plants	Ichiro Kutani, Yoichi Namba, Han Phoumin	RPR-2023-26
10	Effective Management of Methane Emissions in ASEAN	Hiroshi Hashimoto	RPR-2023-28
11	Effectiveness of the Hybrid System Combining Hydropower and Floating Solar in the Lao PDR	Shigeru Kimura, Kei Sudo, Alexander Ryota Keeley, Kento Komatsubara	RPR-2023-25
12	Financial Services Trade Liberalisation in Indonesia: Policy Patterns and Economic Linkages	Fauziah Zen, Lili Yan Ing, Pyan Amin Muchtar, Muhammad Raihan Ramadhan, Sebastian Benz, Charles Christmann, Matteo Fiorini, Alexander Jaax	RPR-2023-21

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13	Financing Infrastructure for Climate-Change Adaptation in Developing East Asia	Fauziah Zen, Usha Iyer-Raniga	RPR-2023-05
14	Human Resource Development, Employment, and International Migration of Nurses and Caregivers in Asia and the Pacific Region	Yuko Tsujita, Takuma Kato	RPR-2023-07
15	Integrative Report on Implementation of the Circular Economy in ASEAN	Intan Murnira Ramli, Michelle Chandra Kasih	RPR-2023-27
16	Mitigating Extreme Volatility of LNG Prices in ASEAN: Impacts of High LNG Prices on Southeast Asia	Hiroshi Hashimoto, Han Phoumin	RPR-2023-29
17	Oil and Gas Strategic Pricing in Myanmar	Shigeru Kimura, Takahisa Hiruma, Hiroshi Hashimoto, Citra Endah Nur Setyawati	RPR-2023-02
18	Operational Technology Security in ASEAN	Keita Oikawa, Yoichiro Hatakeyama	RPR-2023-19
19	Potential Utilisation of Fuel Ammonia in ASEAN Countries	Yoshikazu Kobayashi	RPR-2023-20
20	Reconnecting ASEAN: The Impact of the COVID-19 Pandemic on Trade, Transport, E-Commerce and Mobility of People	Fauziah Zen, Fukunari Kimura	RPR-2023-06
21	Renewable Energy Transition in South Asia: Role of Regional Energy Trade	Saswata Chaudhury, Raktimava Bose, Debanka Samanta, Venkatachalam Anbumozhi	RPR-2023-10
22	Resilient Long-term Care under the COVID-19 Pandemic in Indonesia, Japan, and Thailand	Takeo Ogawa, Takuma Kato, Asuka Nagatani	RPR-2023-08
23	Reuse of Electric Vehicle Batteries in ASEAN	Naoko Doi, Alloysius Joko Purwanto, Shigeru Suehiro, Soichi Morimoto, Akira Takamine, Yasuo Kawada, Koichi Sasaki, Yuhji Matsuo	RPR-2023-31
24	Rethinking the Growth of Creative Economy in Indonesia: The Music and Gaming Sub-sectors	Isabelle Antunès	RPR-2023-11
25	Strategic Oil Stockpiling in Myanmar	Shigeru Kimura, Tetsuo Morikawa	RPR-2023-01
26	Study on the Applicability of CCT for a Comprehensive and Optimal Carbon-neutral Solution in ASEAN	Yamada Fumiko, Murakami Kazuyuki, Han Phoumin	RPR-2023-04

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27	Study on Green Hydrogen Production in Brunei Darussalam	Department of Energy, Prime Minister's Office, Brunei Darussalam, ERIA	RPR-2023-12
28	Survey for Framework Building of 'People-Centric' Smart City Model in ASEAN Countries	Fumitaka Machida, Keita Oikawa, Yoichiro Hatakeyama, Kazuhiko Ono, Chisa Uehira, Kumiko Horiba	RPR-2023-24
29	Towards Progress in Population Health and Health Equality in the Asian Region	Haruka Sakamoto, Haruyo Nakamura	RPR-2023-03
30	Use Case Concretisation: Visualisation of Carbon Footprint	Keita Oikawa, Fumitaka Machida, Mahirah Mahusin	RPR-2023-23
31	Vision for the Digitalisation of Supply Chains in ASEAN and Japan	Keita Oikawa, Fumitaka Machida	RPR-2023-22



Discussion Papers

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3	An Inclusive Digital Economy in the ASEAN Region	Mima Sefrina	505
4	ASEAN Digital Community 2045	Lili Yan Ing, Yessi Vadila, Ivana Markus, Livia Feliciani Nazara	487
5	Capital Cost, Technology Choice, and Demand for Skills in Industries in Viet Nam	Diep Phan, Ian Coxhead	479
6	COVID-19 and Firm Response: Evidence from China	Dongmin Kong, Chen Liu, Mengxu Xiong	501

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8	Does Financial or Trade Integration Cause Instability? Evidence from Emerging and ASEAN Economies	Rakesh Padhan, K.P. Prabheesh	490
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3	Attracting Global Talents: Bringing Digital Nomads and the Highly Skilled into ASEAN	Amelia Litania, Giulia Ajmone Marsan	2023-11
4	Building and Enhancing Sustainable Agriculture and Food Systems in ASEAN: A Preliminary Scoping Study	Masanori Kozono, Kentaro Yamada, Siti Mustaqimatud Diyahan	2023-10
5	Developing a National Blue Economy Framework for Lao PDR	Aloun Phonvisay	2023-08
6	Developing the Blue Economy in Indonesia	Canyon Keanu Can, Teguh Dartanto	2023-05
7	"Development of the Blue Economy in Viet Nam"	Vo Tri Thanh	2023-03
8	Fostering ASEAN's Digital Future through Cybersecurity Policies and Human Empowerment	Michelle Chandra Kasih	2023-02
9	Good Regulatory Practice in Malaysia	Muhammad Faliq Abd Razak, Sufian Jusoh, Tamat Sarmidi, Intan Murnira Ramli	2023-15
10	Health Economic Alternatives for Future Pandemic Travel	A. Villanueva, N. Ohmagari, I. Septelia, A. Kamarulzaman, R. Berba, P. Ubial, C. Kulkanya, A. Nagatani, T. Kato	2023-13
11	Malaysia's Blue Economy: Position, Initiatives, and Challenges	Abdul Hafizh Mohd Azam, Muhammad Rias K.V. Zainuddin, Tamat Sarmidi	2023-04
12	An Overview of the Blue Economy of the Philippines – A Brief Assessment and Recommendations	Donah Baracol Pinhão	2023-12
13	Sustainable Blue Economy Development in Cambodia: Status, Challenges, and Priorities	Kongchheng Poch, Sothea Oum	2023-06

No.	Title	Author(s)	Number
14	The Blue Economy in Brunei Darussalam	Asnawi Kamis	2023-09
15	Understanding the ASEAN Digital Economy Framework Agreement: A Means to Support ASEAN Integration	Mima Sefrina	2023-01

Co-Publications

No.	Title	Editor(s)	Publisher(s)	ISBN Number
1	Building Data on the Plastics Value Chain in ASEAN Member States	Michikazu Kojima, Stefan Wesiak	RKC-MPD ERIA, IGES	978-4-88788-265-2
2	Cross-Border Integration of Renewable Energy Systems Experiences, Impacts, and Drivers	Venkatachalam Anbumozhi, Bhupendra Kumar Singh	Routledge	9781032562513
3	Digital Technology Utilization in the Agriculture Sector for Enhancing Food Supply Chain Resilience in ASEAN: Current Status and Potential Solutions	Jose Ma. Luis P. Montesclaros, Paul Teng, Mely Caballero-Anthony	RSIS and ERIA	-
4	Electricity Market Reforms in the ASEAN, China, India, and Japan	Han Phoumin, Farhad Taghizadeh-Hesary, Fukunari Kimura, Rabindra Nepal	World Scientific	978-981-12-7057-4
5	Green Finance and Renewable Energy in ASEAN and East Asia	Han Phoumin, Farhad Taghizadeh-Hesary, Fukunari Kimura	Routledge	9781032502687
6	Large-Scale Development of Renewables in the ASEAN	Han Phoumin, Rabindra Nepal, Fukunari Kimura, Farhad Taghizadeh-Hesary	Routledge	978-981-99-8238-7
7	Local Content Requirements Promises and Pitfalls	Lili Yan Ing, Gene Grossman	Routledge	9781032542232
8	National Plastic Action Partnerships (NPAP): A Multistakeholder Approach to Addressing Plastic Pollution in Developing Countries	Michikazu Kojima, Mark Elder, Shiko Hayashi	RKC-MPD ERIA, IGES	DOI: 10.57405/iges-13061
9	Post-Pandemic Green Recovery in ASEAN	Farhad Taghizadeh-Hesary, Naoyuki Yoshino, Nisit Panthamit, Han Phoumin	Routledge	9781032349060

Annex J

E-DISC Events FY2023

No.	Date	Event	Location	Organiser
1	7 March 2024 - 9 March 2024	The 15 th Empirical Investigations in Trade and Investment (EITI) Conference	Jakarta, Indonesia	ERIA, Keio University, Georgia Institute of Technology, FREIT, Dartmouth College
2	18 October 2023 - 19 October 2023	Pre-Event: ASEAN - Japan Generation Z Business Leaders' Summit	Jakarta, Indonesia	ERIA, ASEAN Foundation, JETRO, METI, AMEICC, PoliPoli
3	26 March 2024	EDISC Membership Launching Reception	Jakarta, Indonesia	E-DISC
4	8 March 2024	ERIA-De La Salle University Joint Workshop on Digital Divide in ASEAN	Manila, Philippines	ERIA, De La Salle University
5	3 March 2024	ERIA-King Mongkut's Institute of Technology Ladkrabang MoU Signing	Bangkok, Thailand	ERIA, King Mongkut's Institute of Technology Ladkrabang
6	29 January 2024	1 st ASEAN Startup Roundtable	Jakarta, Indonesia	E-DISC, ASEAN Secretariat
7	16 December 2023	ERIA Digital Innovation and Sustainable Economy Center (E-DISC): Visible Initiatives for ASEAN and Japan	Tokyo, Japan	E-DISC, Japan's Ministry of Economy, Trade and Industry (METI)
8	2 December 2023	ERIA DEFA Roundtable with ASEAN DEFA Negotiating Committee	Jakarta, Indonesia	EDISC, ASEAN Secretariat
9	28 November 2023	Introduction to E-DISC: Reception for Economic Officials in Jakarta	Jakarta, Indonesia	E-DISC
10	16 October 2023	Introduction to E-DISC: Launch Reception for Startups	Jakarta, Indonesia	E-DISC
11	19 September 2023	E-DISC Startup Event: SpaceTech Meet Up	Jakarta, Indonesia	E-DISC, JETRO, JAXA
12	24 August 2023	Symposium on "Digital Economy and Sustainability" and Launch of the Digital Innovation and Sustainable Economy Centre	Jakarta, Indonesia	E-DISC, Indonesia's Coordinating Ministry for Economic Affairs

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The Economic Research Institute for ASEAN and East Asia (ERIA) is an international organisation providing research and policy support to ASEAN and the broader East Asia region and the ASEAN and East Asia summit processes. ERIA's policy research focuses on three pillars: deepening economic integration, narrowing developing gaps, and achieving sustainable development in the region.

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