



Economic Research Institute
for ASEAN and East Asia

Annual Report 2021







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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



Prof. Hidetoshi Nishimura
President





We are proud of our achievements in 2021, but we will not be complacent. ERIA will be more vigilant in helping to address the challenges of pursuing deeper economic integration and development in ASEAN and East Asia in the years to come.

In fiscal year (FY) 2021, ERIA expanded the scope of its activities to help chart the future direction of ASEAN and East Asia.

A review of ERIA's deliverables for FY2021 reveals that ERIA has deepened its activities to help promote the economic integration and development of East Asia. As part of a study on 'The Impact of Covid-19 on Business Activities and Supply Chains in the ASEAN Member States and India', ERIA conducted an extensive questionnaire survey via Internet from November 2020 to February 2021. Effective responses were received from 1,789 firms – comprising local businesses, including large and small and medium-sized enterprises and multinational firms in all 11 countries. A significant number of firms – particularly those that

were adaptive to the Covid-19 shock in terms of quickly rearranging their supply chains – have taken advantage of the growth opportunities and have a better outlook. Almost half of them experienced positive sales growth in 2020 and more than half of them expect to expand their workforce in the next few years. The survey observed plenty of robust (not reduced) supply chain links between firms and firms' resilient supply chain responses were also observed. Many firms responded quickly to the COVID-19 shock and reconstructed their customer and supplier relationships and adapted their production locations to a non-negligible degree. The geographic diversity of customers and suppliers creates resilience of supply chains. Furthermore, the resilience of supply chains, particularly those with customers, results in improved performance in the long run.

Another important field is energy-related issues. In FY2021, ERIA conducted various studies on energy policy based on the EAS Mid-Term Energy Policy Research Roadmap. ERIA has carried out a variety of projects such as studies on the feasibility a Transmission Highway in ACMECS, Public Attitudes Towards Energy Policy and Sustainable Development in ASEAN Countries, Future Mobility Fuel Scenarios Considering the Sustainable Use of Biofuels and Other Alternative Vehicle Fuels in EAS Countries, and a flexible LNG market. ERIA also conducted projects on the low-carbon energy transition scenario in ASEAN. ERIA reported the progress of each project to the EAS Energy Ministers Meeting of September 2021. Together with Brunei Darussalam, ERIA hosted the 4th East Asia Energy Forum, which discussed low-carbon energy transition and carbon neutrality in ASEAN and East Asia. And together with the Ministry of Economy Trade and Industry of Japan, ERIA also launched the Asia CCUS network to facilitate the CCUS technologies in the region.

During FY2021, ERIA's Healthcare Unit completed one book and three research project reports, including 'Older People and COVID-19 in Indonesia (2022 edition)', which reports the results of a telephone survey to identify the impacts of the COVID-19 pandemic on older people's lives. This survey was proposed by Indonesia's Ministry of National Development Planning (BAPPENAS). Another memorable event handled by the Healthcare Unit was the announcement event of the winners of the second Healthy Ageing Prize for Asian Innovation Award, which was co-organised with Japan Center for International Exchange. Four winners were selected from ten countries by the international advisory committee which consists of leading experts on population ageing

throughout the region. The Healthcare Unit has been expanding its research focus from population ageing to healthcare topics in the region, such as clinical trials. As one of those activities, since July 2021 the unit has had an expert on secondment with the World Health Organization.

In the area of the environment, ERIA conducted several studies on waste management as well as the issue of marine plastic debris in the region under the Regional Knowledge Centre on Marine Plastic Debris (RKC-MPD) as part of the ASEAN Plus Three framework. RKC-MPD has established an online platform titled 'Private sector initiatives to reduce plastic waste and marine plastic debris.' This private sector platform (PSP) highlights best practices of tackling marine debris issues in the region. RKC-MPD held several PSP workshops with Indonesia, Malaysia, and Thailand in FY2021.

Regarding agriculture, ERIA has conducted a project on developing 'the ASEAN Guidelines on Promoting the Utilisation of Digital Technologies for ASEAN Food and Agricultural Sector', together with the ASEAN Secretariat. The guideline was endorsed at the 43rd ASEAN Ministerial Meeting on Agriculture and Forestry held in October 2021.

ERIA has also kept good relations with several external partners such as the Organisation for Economic Co-operation and Development (OECD). OECD and ERIA renewed their Memorandum of Understandings and had a signing ceremony in April 2021. ERIA participated in the OECD South East Asia Regional Programme (SEARP) Ministerial Meeting held in Seoul, Republic of Korea in February 2022 and highlighted the cooperation between

OECD and ERIA for developing the ASEAN region. ERIA also attended the 42nd ASEAN Inter Parliamentary Assembly (AIPA) General Assembly in September 2021 and has strengthened the cooperation with AIPA based on the MoU to develop AIPA's capacity on matters concerning ASEAN Economic Community and ASEAN economic integration.

The 16th Chairman's statement of the East Asia Summit mentioned, 'We encouraged ERIA to continue providing for the Chair of the ASEAN Summit and the EAS its support and targeted high-quality research and actionable policy recommendations that highlight and address the ERIA's paper on 'Supply Chain Resilience and Post-Pandemic Recovery in the East Asia Summit region' to EAS Economic Ministers.'

The 38th and 39th ASEAN summit leaders also acknowledged the contribution of ERIA to ASEAN in the summit statement: '[ERIA's] support to the development

of Brunei Darussalam's two (2) PEDs, namely the Framework on Circular Economy for the AEC; and the NTM Toolkit in cooperation with UNCTAD. We also appreciated ERIA's assistance and support through research and studies that contribute to ASEAN's economic priorities, including but not limited to the upgrade of the ATIGA, addressing issues pertaining to the mobility of professionals in ASEAN Member States especially in relation to the 4IR, the follow-up work on the ASEAN Seamless Trade Facilitation Indicators – Trade Transactions Cost (ASTFI-TTC II), and supply chain resilience.'

We are proud of our achievements in 2021, but we will not be complacent. ERIA will be more vigilant in helping to address the challenges of pursuing deeper economic integration and development in ASEAN and East Asia in the years to come.



Prof. Hidetoshi Nishimura
President

Event Highlights



President of ERIA and Cambodia's Minister of Commerce Launch Monograph on RCEP

Phnom Penh, 14 March 2022



→ To assess the current status of RCEP at the beginning of 2022, the Trade, Training and Research Institute (TTRI) of Ministry of Commerce, Kingdom of Cambodia, in collaboration with ERIA held a hybrid workshop and launched a Monograph titled 'Regional Comprehensive Economic Partnership (RCEP): Implications, Challenges, and Future Growth of East Asia and ASEAN' as part of the side-event of Cambodia's ASEAN Chairmanship.

The book underlines some key features of the agreement and analyses how these could strengthen regional integration. Edited by Fukunari Kimura, Shandre Thangavelu, and Dionisius Narjoko, it shares critical insights on the various elements of the RCEP agreement and discusses the key potential implications for the integration process in the region. It carefully examines the commitments and compares them with those of other agreements, including the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP). The impact on businesses, behind-the-border issues, and the domestic capacity of the respective RCEP member countries are discussed, in addition to a formal assessment of the potential benefits of the RCEP. Finally, it also addresses emerging issues – especially with respect to the COVID-19 pandemic recovery.

In his remarks, ERIA President Professor Hidetoshi Nishimura conveyed the significance as well as challenges of RCEP for the future of ASEAN and East Asia integration, especially for the post-pandemic era, 'East Asia and ASEAN have to prepare for the new form that global value chains will take and a new "normal" in trade and investment driven by digital trade and structural transformation.'

In concluding the event, Professor Fukunari Kimura, Chief Economist of ERIA, underlined the importance of collaboration between ASEAN, Cambodia as the chair of ASEAN this year, and ERIA to continuously assess RCEP and the potential benefits from successfully implementing the agreement.

Decarbonisation of EAS Region the Focus of 10th Energy Research Institute Network (ERIN) Meeting

Jakarta, 9 March 2022



The 10th Energy Research Institutes Network (ERIN) Meeting with the theme 'Opportunity and Challenges of Decarbonisation in the EAS Region' was organised by ERIA and the ERIN Secretariat and held virtually on 9 March 2022. Dr. Kulyos Audomvongseeree, Chairperson of ERIN and Director of the Energy Research Institute (ERI), Thailand, gave his opening remarks. In his speech, he emphasised that the globe is presently dealing with the COVID-19 crisis, which has an impact on people's way of life and work as well as energy consumption.

The opening remarks were delivered by Professor Jun Arima, Senior Policy Fellow for Energy and Environment, ERIA, on the opportunity and challenges of decarbonisation in the EAS region. As signatories to the Paris Agreement, ASEAN countries are pursuing a low-carbon energy transition with vigour and will need to further up their efforts to achieve carbon neutrality. The second opening remarks were delivered by the Chairman and CEO of The Institute of Energy Economics, Japan, Tatsuya Terazawa.

ERIA Contributes to the OECD Southeast Asia Ministerial Conference Discussions

Jakarta/Seoul/Paris,
8 February 2022



ASEAN needs to implement measures to realise its vision towards a more inclusive and sustainable ASEAN in the post-pandemic phase. Key areas to support the transition are a faster adoption of digital technologies, training, reskilling and upskilling of individuals, and the implementation of environmental protection frameworks. The social economy approach represents a cutting-edge solution to build back better and more resilient. On 8 February, ERIA organised together with the OECD Directorate for Science, Technology and Innovation the online panel discussion 'Gearing up for a Post-Pandemic World: Designing Policies for an Innovative Sustainable Recovery in East and Southeast Asia.' Senior speakers from ASEAN and OECD countries shared their views on the key measures to implement in support of a more sustainable and inclusive economic recovery across ASEAN: Dr Jaehan Cho, Director, Innovative Growth Policy Division, Korea Institute for Industrial Economics and Trade; Dr Venkatachalam Anbumozhi,

Director of Research Strategy and Innovation, ERIA, who presented recent ERIA research; Dr Julia Tijaja, Former Director of ASEAN Integration Monitoring at the ASEAN Secretariat; Professor Siah Hwee Ang, Professor of International Business and Strategy and Director of Southeast Asia Centre of Asia–Pacific Excellence.

ERIA President Discusses ASEAN Social and Cultural Community Pillar with the Minister of Education, Youth, and Sport of Cambodia



Tokyo/Phnom Penh, 2 February 2022



HE Dr Hang Chuon Naron, Minister of Education, Youth and Sport (MoEYS) and Vice-chairman of the Supreme National Economic Council (SNEC), held an online courtesy meeting with Professor Hidetoshi Nishimura, President of the ERIA. The discussion focused on the ASEAN Social and Cultural Community Pillar's priorities during the Kingdom of Cambodia's year as Chair of ASEAN. HE Dr Hang Chuon Naron is Cambodia's lead for the ASEAN Social and Cultural Community Pillar.

The meeting provided an opportunity for a rich discussion about projects prioritised under the ASCC for 2022, as developed by the Ministry of Rural Development, Ministry of Environment and Ministry of Culture and Fine Arts, as well as the MoEYS. This high-level meeting allowed for a sharing of opinions about the context of proposed projects, with project leads from Cambodia and ERIA experts contributing to the discussion. During the courtesy meeting between the Minister and Professor Nishimura, the President of ERIA offered ERIA's fulsome support to the Minister to achieve the agreed priorities.

ERIA is an international organisation based in Jakarta, mandated by the East Asia Summit to support the chair of the ASEAN. In addition to supporting the ASCC Pillar, ERIA has offered to support the ASEAN Economic Community Pillar's deliverables.

President Nishimura Speaks at Harvard Conference on New Ways to Approach a New World

Jakarta, 21 January 2022



ERIA participated in the annual event held by the Harvard College in Asia Program (HCAP): 'Interdisciplinary Innovation – New Ways to Approach the World'. The President of ERIA, Professor Hidetoshi Nishimura, presented on the 'Clean Energy Transition in the South East Asian Region'. He highlighted the importance of fossil fuels to satisfy the economic development in this region while also applying ambitious renewable energy promotion.

Finally, President Nishimura provided key messages on the ASEAN countries availability, accessibility, and affordability of energy supply, and how the carbon neutrality efforts of ASEAN Member States might diversify their pathways. Technology development and international cooperation should be promoted to reduce the cost of de-carbonisation. In the panel discussion, Professor Jun Arima, Senior Policy Fellow on Energy and Environment, drew attention to various challenges in tackling climate change such as the required pace of decreasing greenhouse gas emissions from now until 2030, different prioritisation of the 17 SDGs across countries, low willingness to pay for additional mitigation costs and so forth. He also emphasised the role of education, giving a balanced perspective on the intertwined nature of energy security, climate change, and economic efficiency as well as different national circumstances.

ERIA Joins the 25th ASEAN Tourism Ministers' Meeting

Preah Sihanouk, 19 January 2022



The President of ERIA, Professor Hidetoshi Nishimura, virtually attended a hybrid 25th Meeting of the ASEAN Tourism Ministers (25th M-ATM) held on 19 January 2022 at Preah Sihanouk Province, Kingdom of Cambodia. Professor Nishimura updated the ministers on the status of the two tourism studies that ERIA is currently undertaking for ASEAN National Tourism Organisations (NTOs). The comprehensive assessment of MRA-TP and the development of a framework on sustainable tourism were also discussed. ASEAN NTOs are expected to leverage the MRA-TP comprehensive study by developing a monitoring mechanism on implementation, and a feasibility study to extend the project to ASEAN+3 in 2023.



During the open discussion, H.E. Dato' Lim Jock Hoi, ASEAN Secretary-General commended Professor Nishimura for ERIA's support to ASEAN tourism cooperation, particularly the conduct of the two studies this year. He acknowledged ERIA as a very important institution that ASEAN has created in the last 10 years not only for tourism but also for other sectors involved in the implementation of the AEC Blueprint. The two tourism studies by ERIA are critical to understanding the contribution of the tourism sector. He also emphasised that good policymaking shall be based on evidence-based research to get the work done in a comprehensive manner. He underlined the importance of the MRA-TP study to the policymakers particularly in identifying key problems in labour mobility and job creation in the tourism sector. In this regard, HE Dato' Lim Jock Hoi suggested for ERIA to do the following:

1. Support the implementation of the Sustainable Tourism Framework after COVID-19;
2. Explore a study-on-study of tourism technology; and
3. Leverage the MRA-TP comprehensive study by developing a monitoring mechanism on implementation, and a feasibility study to extend the MRA-TP project to ASEAN+3 in 2023.

Professor Nishimura thanked all the parties above for their recommendation and appreciation of ERIA's involvement in the studies. In particular, he expressed support for the development of cooperation on the monitoring mechanism for the implementation and feasibility study of extending the Mra-TP project.

ERIA was honoured that the 25th M-ATM appreciated ERIA's studies in MRA-TP and Sustainable Tourism Framework. The consultation meeting was also attended by representatives from ERIA, ASEAN-China Centre, ASEAN-Japan Centre, ASEAN-Korea Centre, World Travel and Tourism Forum, US-ABC, ASEANTA, ATRA, UNWTO, and PATA.

The Next Chapter of ASEAN and Japan Economic Cooperation in the Post-Pandemic Era

Jakarta, 10 January 2022



ERIA, in collaboration with the Foreign Policy Community of Indonesia (FPCI) and the Ministry of Economy, Trade and Industry of Japan (METI), held a virtual public forum as part of the Dialogue for Innovative and Sustainable Growth between Japan and ASEAN. The webinar was held on 10th January 2022 and attracted more than 600 participants from about 50 countries. Dr Dino Patti Djatal, the Founder and Chairman of FPCI, and Mr Arsjad Rasjid, the Chair of Indonesian Chamber of Commerce and Industry, were the speakers at the webinar. ASEAN is at a 'historical turning point for sustainable and innovative transition'. ASEAN and Japan will continue to create innovations that enhance sustainability and contribute to solving social issues in the region. Professor Kimura, in the discussion session, emphasised that ASEAN is at the centre of 'Factory Asia' and that the US–China competition and geopolitical tensions may actually strengthen the importance of ASEAN. To strengthen ASEAN's position in Factory Asia, he insisted that a rules-based trading regime and favourable business environment are essential soft infrastructure. He also said that collaboration between traditional industries and digital businesses requires alignment between incremental innovation and disruptive innovation, and Japan, which has large incremental R&D stocks, can cooperate with ASEAN, which has significant potential for disruptive innovation. Dr Nuki insisted that the reduction of greenhouse gas emissions is an urgent matter and that is only possible with breakthrough innovation and effective technology.

ERIA Participates in the First Asia–Europe Economic Business Forum

Phnom Penh, 24 November 2021



The first Asia–Europe Economic and Business Forum (AEEBF) was held on 24 November 2021, on the sidelines of the 13th ASEM Summit in Cambodia. Professor Hidetoshi Nishimura, President of ERIA, participated in the AEEBF as a speaker on the panel: ‘Resilient 4th IR for Asian and European Trade Synchronicity amidst Global Pandemic.’

In his intervention during the panel, Professor Nishimura said, ‘In developing Asia, the incremental technological innovations have occurred for the past several decades. ASEAN is the most advanced area which has developed the regional production networks in the so-called, ‘Second Unbundling.’ Developing Asia requires both – an incremental approach to step-by-step industrial innovation, as well as a disruptive innovation to participate in the Industry 4.0 and new digital economy, which have abruptly arrived in developing Asia.’ Professor Nishimura also mentioned that under Industry 4.0, the Internet of Things, and labour-intensive processes should collaborate, as variations in the types of products and human-machinery collaborations will be dramatically increased. Therefore, instead of the unnecessary stock-related work, new and innovative job creation will continue. Digital literacy, such as skill training and education, is important for jobs in Industry 4.0. The nature of manufacturing will undergo a change in Industry 4.0 although greater input of services in manufacturing will take place in Industry 4.0. Conventional industries, such as agriculture, fisheries, and horticulture will also become more advanced due to the feedback effects of communication technology. The report of the AEEBF was presented to the Asia–Europe leaders in the 13th ASEM Summit held in Phnom Penh and virtually on 25–26 November 2021.

Bappenas and ERIA Launch the Indonesian Manufacturing Sector Review

Jakarta, 17 November 2021



→ The Ministry of National Development Planning/National Development Planning Agency, Republic of Indonesia, in collaboration with ERIA launched a book titled 'Kajian Sektor Manufaktur (Manufacturing Sector Review)', which discusses the urgency of industrialisation as part of redesigning Indonesia's economic transformation. The book shares critical insights regarding policy choices and strategies for undertaking structural transformation in the manufacturing sector. This book launch presents constructive views from national economic and industrial experts: ERIA Senior Economist, Dionisius Narjoko; ERIA Chief Economist and Professor at the Faculty of Economics Keio University Fukunari Kimura; Professor at Bandung Institute of Technology, Professor Dradjad Irianto; lecturer and researcher at the Department of Economics Padjajaran University, Dr Maman Setiawan; and Chief Executive Officer of Asakreativita, Dr Vivi Alatas. Strategies listed in the book covers the future development in global value chains (GVCs), especially for the post-COVID-19 pandemic. The impact of the COVID-19 pandemic in the industrial sector is one of the bases for analysis to ensure that various strategies are carefully formulated to support the acceleration of re-industrialisation. 'We hope that this study will be a good start for the efforts of Bappenas and the Indonesian government,' said Dr Amalia Adininggar Widyasanti, Deputy for Economic Affairs at the Ministry of National Development Planning.

The 13th ASEM Plenary Study Launched

Phnom Penh, 11 November 2021



The 13th ASEM plenary study '13th Asia Europe Meeting: Multilateral Cooperation for Resilient, Sustainable, and Rules-Based Future for ASEM' was officially launched on 11 November in Phnom Penh by H.E. Prak Sokhonn, Deputy Prime Minister and Minister for Foreign Affairs and International Cooperation, Kingdom of Cambodia. Dignitaries from Asia and Europe and Ambassadors of ASEM member countries attended the book launch, which was jointly organised by the Ministry of Foreign Affairs and International Cooperation, Cambodia, National Institute of Diplomacy and International Relations, Cambodia, and ERIA.

Ms Anita Prakash, Senior Policy Advisor in the office of the President of ERIA made a brief presentation on the important findings in the study, especially those related to Asia Europe cooperation in trade and investment, connectivity, SDGs, digital economy, women and youth participation in the economy.

In his speech, President Hidetoshi Nishimura recalled ERIA's sustained contribution to the ASEM summit since 2016. He emphasised that the study conjoins Cambodia's vision for ASEM with priority actions needed within focus areas to support the ASEM member countries to address the global and regional challenges together. He further expressed ERIA's willingness and readiness to support Cambodia's activities as the chair of ASEAN in 2022.

In his speech, H.E. Prak Sokhonn expressed his appreciation for ERIA's work, saying that the study prepared by ERIA was very rich in content and was endorsed by the Prime Minister. H.E. Prak Sokhonn also mentioned Cambodia's forthcoming chairmanship of ASEAN and its continued association with ERIA in 2022.

The ASEM Study was mentioned and endorsed by H.E. Hun Sen, Prime Minister of the Kingdom of Cambodia, in his plenary address at the 13th ASEM Summit on 25 November 2021.

President of ERIA Participates in the 21st ASEAN Plus Three Agriculture and Forestry Ministers Meeting

Jakarta, 27 October 2021



The 43rd meeting of the ASEAN Ministers on Agriculture and Forestry (AMAF) and associated meetings were held virtually on 27 October. Professor Hidetoshi Nishimura presented ERIA's research projects on food value chains at the 21st AMAF Plus Three meeting. He recommended the establishment of specialised governmental institutions or consolidated teams at the national levels to focus on the development of cold chains.

In his presentation, Professor Nishimura explained that the project on utilisation of digital technologies was designed and implemented to 1) conduct studies on assessment of digital technology adaptation and government initiatives in food and agriculture sector and 2) support the preparation of the 'ASEAN Guidelines on Promoting the Utilization of Digital Technologies in the Food and Agriculture Sector' which was endorsed at the 43rd AMAF. Also, he stressed the importance of a data-driven approach for digitalising agriculture, and the use of FinTech and traceability systems enhanced with digital technology for enhancing food supply chain resilience.

ERIA was honoured that the Joint Press Statement of the 21st AMAF Plus Three and the 43rd AMAF meetings appreciated ERIA's support in formulating the ASEAN Guidelines on Promoting the Utilization of Digital Technologies in the Food and Agriculture Sector.

ERIA Recognised in Official Statements of 38th and 39th ASEAN Summit and Related Summits

Brunei Darussalam, 26 October 2021



→ The 38th and 39th ASEAN Summit and Related Summits were held virtually from 26 to 28 October 2021. Many of the Summits focused on the discussion of the ASEAN Comprehensive Recovery Framework and its Implementation Plan, which serves as the region's consolidated exit strategy from the COVID-19 pandemic. Several ERIA projects were recognised and commended in the official Statements.

1. ERIA Cited in Chairman's Statement of the 38th and 39th ASEAN Summit
2. ERIA Cited in Chairman's Statement of the 24th ASEAN–Japan Summit
3. ERIA Cited in Chairman's Statement of the 24th ASEAN Plus Three Summit
4. ERIA Cited in Chairman's Statement of the 16th East Asia Summit

ERIA Holds the 14th ERIA Governing Board Meeting

Jakarta, 12 October 2021



→ ERIA's 14th annual Governing Board Meeting was held online. The Governors discussed how ERIA can play an active role in responding to the aftermath of the COVID-19 pandemic and supporting the region's recovery. Dr Cielito F. Habito was officially approved as the new Chairperson of the ERIA Governing Board in this meeting. Professor Fukunari Kimura, Chief Economist of ERIA, briefed the Governors on the impact of the pandemic on globalisation while Professor Jun Arima, Senior Policy Fellow for Energy and Environment, highlighted the need for a low-carbon energy transition. They also discussed the aftermath of COVID-19 and its impact on the global and regional economy.

In his Opening Remarks, Professor Hidetoshi Nishimura, President of ERIA, highlighted that at the Ninth East Asia Summit (EAS) Economic Ministers Meeting, ERIA presented recommendations on supply chain resilience, scaling up digitalisation, and circular economy. ERIA's studies were highly commended in the EAS ministerial statements.

ERIA also participated in the EAS Energy Ministers Meeting to present low-carbon energy transition scenarios. Professor Nishimura added that together with the ASEAN Secretariat, ERIA is developing 'the ASEAN Guidelines on Promoting the Utilization of Digital Technologies for ASEAN Food and Agricultural Sector.' On marine plastic debris, ERIA has developed a 'Private Sector Platform' to promote awareness of what companies across East Asia are doing to address the problem. During his welcoming remarks, H.E. Dato Paduka Lim Jock Hoi, Secretary-General of ASEAN, said that some countries still struggle to contain the pandemic, but overall the region is seeing encouraging signs of a turnaround. He said, 'The next stage of ASEAN regional integration demands us to place at the centre collaboration and partnership to bring together a variety of expertise like ERIA as we address the complexities of the emerging challenges we face today, especially in the area of climate change.' Mr Koji Hachiyama, ERIA's Chief Operating Officer, delivered remarks emphasising ERIA's continued focus on research and activities on a wide range of issues including regional economic integration, trade, energy, agriculture, digitalisation, and climate change. He added that ERIA should continue to provide strong support to governments in the region to tackle the aftermath of COVID-19 and to understand the future of Southeast and East Asian integration more deeply.

Digital Transformation and Economic Recovery in ASEAN Take the Spotlight at 10th Editors Roundtable

Jakarta, 8 October 2021



ASEAN Member States have made remarkable progress in digitalisation and economic recovery. However, the region must also counter problems encompassing the digital divide, rising unemployment, and a widening inequality gap. The 10th ERIA Editors Roundtable (ERT) gathered editors, journalists, and other experts to address the multitude of challenges facing Southeast Asia in a post-pandemic world. The severity and duration of the pandemic have, nonetheless, added immense pressure on companies to strive for efficiency as limitations on the movement of professionals led to higher logistics costs for industries. President of ERIA, Professor Hidetoshi Nishimura, offered his remarks for the event that was held virtually for a second consecutive year. He highlighted the ERT's decade-long milestone this year and thanked the experts and journalists who have continuously supported the event over the years. His speech also covered the importance of regional integration for ASEAN stating that 'ASEAN must remain united to ensure ASEAN Centrality and to catch up with the digitalised world.' Dr Narjoko offered three recommendations to ease the burden – (1) Aim for faster digital adoption; (2) Streamline the supply process by upgrading technologies; (3) Enhance human capital and skills transformation to cope with more high-tech machines.

Ambassadors Congratulate ERIA on its Achievements

Jakarta, 6 October 2021



ERIA convened its annual Ambassadors Meeting of ERIA Member States and Dialogue Partners virtually for the first time since the start of the pandemic. The meeting was attended by Ambassadors and representatives of 18 countries, the Deputy Secretary-General (DSG) of Asean for AEC, nine Governing Board (GB) members, and the Academic Advisory Council (AAC) Chairperson. Professor Hidetoshi Nishimura, President of ERIA, expressed his sincere gratitude to all Ambassadors for their guidance and insights regarding ERIA's role in supporting the region. Professor Nishimura said that the meeting aimed to provide an overview of ERIA activities and highlight the research on economic and energy issues. ERIA's Chief Operating Officer, Mr Koji Hachiyama, reviewed the Work Plan for Fiscal Year 2021 and beyond, followed by presentations from Senior Economist Dr Dionisius A. Narjoko on 'Strengthening AEC: Agenda for Beyond 2025', and Senior Energy Economist, Dr Han Phoumin, on 'ASEAN Low Carbon Energy Transition Scenarios.' The Ambassadors and country representatives expressed appreciation for ERIA's activities and its significant and constant contribution to the ASEAN community and East Asia Summit (EAS). The Excellencies highlighted the key issues and challenges in the region including economic recovery, climate change, renewable energy, digital transformation, global value chains, and sustainable development, and emphasised that the policymakers depend on adequate statistics and data to be able to develop proper policies to address the challenges, especially those that result from the pandemic. ERIA's Chief Economist, Professor Fukunari Kimura, responded to the Ambassadors' comments by explaining that global value chains did not stop despite the current difficult circumstances: 'We are having a hard time, but we can believe in the globalisation of economic development. This is the important message that we can learn from COVID-19.' He also mentioned that digital technology is important to upgrade and rejuvenate traditional industry and government. Senior Research Advisor to the President, Professor Shujiro Urata, added that the Regional Comprehensive Economic

Partnership (RCEP) is very important to promote investment and trade. Dr Phoumin added that both natural and artificial carbon sinks will be key for the energy transition by 2050. Considering the diversity of ASEAN countries, ERIA will continue to support each country individually to reach the goal of net zero emission.

ASEAN's Energy Transition Goals Outlined by ERIA at 1st Asia Green Growth Partnership Ministerial Meeting

Tokyo, 4 October 2021



The Ministry of Economy, Trade, and Industry (METI) Japan hosted the First Asia Green Growth Partnership Ministerial Meeting, which brought together Ministers from 20 countries and international organisations. Under the Alternative Policy Scenario, which incorporates aggressive energy-saving targets, ASEAN's primary energy demand is on course to double with fossil fuels projected to account for nearly 80% of the region's major energy mix. Energy conservation, electrification in end-use industries, and low-carbon power supply must consider wide-ranging types of technology. Various types of 'low-carbon' technologies can efficiently cut carbon dioxide emissions during the transition period. Cost reduction and international cooperation are required to support cost-effective decarbonisation goals. Southeast Asia's energy consumption had been steadily increasing with fossil fuels meeting 90% of regional energy demand over the last 20 years. Professor Nishimura outlined three key policy takeaways based on ERIA's research studies on clean energy transition – (1) Energy conservation, electrification in end-use industries, and low-carbon power supply must consider wide-ranging types of technology; (2) Various types of 'low-carbon' technologies can efficiently cut carbon dioxide emissions during the transition period; (3) cost reduction and international cooperation are required to support cost-effective decarbonisation goals. With the continued use of fossil fuel in ASEAN's future energy mix, Professor Nishimura underscored the integral role of CCUS in achieving regional carbon

neutrality. As such, ERIA and METI established the Asia CCUS Network in June 2021, and since then it has hosted two workshops and a capacity-building programme. As a prominent research institute, ERIA is committed to promoting pragmatic policy statements that reflect realistic regional energy transition and will work to support Indonesia in its G20 Presidency role in 2022.

ERIA Holds 13th Academic Advisory Council Meeting

Jakarta, 22 September 2021



ERIA held the 13th Academic Advisory Council (AAC) Meeting. Due to the ongoing pandemic, it marked the second year of hosting the event virtually. Important themes for the low-carbon energy transition were presented by ERIA at the EAS Energy Ministers Meeting held in mid-September. Professor Hidetoshi Nishimura, President of ERIA, highlighted a recent survey that indicated 23% of firms in ASEAN have accelerated the adoption of digitalisation during the pandemic. The East Asia Summit Institute for International Affairs (ERIA) held a virtual meeting with its Academic Advisory Council (AAC) members in Singapore. The AAC provides advice and support to ERIA on the annual work programme, research outcomes, and the performance of researchers. Professor Nishimura and Dr Lim from the Singapore Institute of International Affairs moderated this virtual meeting. In closing, both Professor Nishimura and Dr Lim highlighted ERIA's commitment to strengthen the ASEAN economy and contribute to promoting ASEAN integration, centrality, and economic community.

ERIA Attends the 15th EAS Energy Ministerial Meeting

Bandar Seri Begawan,
16 September 2021



The 15th East Asia Summit – Energy Ministers Meeting (EAS EMM) was hosted virtually by the Ministry of Energy, Brunei Darussalam. All the leaders reaffirmed their commitment to advance partnerships in promoting sustainability within the region, particularly in addressing the adverse socio-economic impacts of COVID-19. Most of the states were committed to continue their efforts towards energy efficiency and renewable energy utilisation while ensuring security, accessibility, affordability, and reliability of energy supply. ERIA's President Hidetoshi Nishimura presented the results of a project on ASEAN Low Carbon Energy Transition scenarios and updates on the Asia CCUS Network. Main policy lessons from the scenario analysis covered energy saving and electrification in end-use sectors, combined with low-carbon power supply utilising all technologies. Cost reduction and international cooperation are essential for affordable decarbonisation, and cost optimisation scenarios could be utilised for each country's consideration of its unique transition pathway.

A project on ASEAN Low Carbon Energy Transition scenarios aimed to provide insights to ASEAN Member States on developing a carbon neutrality roadmap that reflects different national circumstances. Main policy lessons from the scenario analysis covered (1) energy saving and electrification in end-use sectors, combined with low-carbon power supply utilising all technologies, would be core strategies for decarbonising ASEAN energy systems, (2) during transition periods, various kinds of 'low-carbon' technologies can reduce CO₂ emissions effectively, (3) cost reduction and international cooperation are essential for affordable decarbonisation, and (4) cost optimisation scenarios could be utilised as inputs for each country's consideration of its unique transition pathway.

ERIA Participates in the 53rd ASEAN Economic Ministers' and Related Meetings

Jakarta, 8–15 September 2021



The 53rd ASEAN Economic Ministers (AEM) Meeting, the 9th East Asia Summit (EAS) Economic Ministers' Meeting (EMM) and other related meetings were held virtually between 8 and 15 September 2021. Professor Hidetoshi Nishimura, President of ERIA, presented ERIA's paper on 'Supply Chain Resilience and Post-Pandemic Recovery in East Asia Summit Region' to the EAS Economic Ministers on 15 September 2021.

In the Joint Media Statement of the 53rd ASEAN Economic Ministers Meeting, ERIA was commended for its continued support and contribution towards ASEAN regional economic integration and ASEAN Economic Community (AEC) building efforts.

Professor Nishimura presented ERIA's paper on 'Supply Chain Resilience and Post-Pandemic Recovery in East Asia Summit Region'. The paper was prepared pursuant to the mandate given by the Economic Ministers during the Eighth East Asia Summit – Economic Minister Meeting (EAS EMM) in 2020. Professor Nishimura also outlined ERIA's proposed measures to achieve resilient supply chains in the region, which is based on three key areas: enhancing supply chains for essential goods, scaling-up digitalisation of supply chains, and enhancing the sustainability and circularity of supply chains.

First, as part of enhancing supply chains for essential goods, the East Asia Member Countries (EASMC) should approach the measures by: (i) consulting with the private sector to establish a list of essential components used extensively in their production and trade; (ii) considering replicating initiatives from the Memorandum of Understanding on the Implementation of Non-Tariff Measures on Essential Goods; (iii) conducting an in-depth assessment of supply chains risks in the region; and (iii) working together to eliminate trade barriers in essential goods for example, in the vaccine supply chain. The aim of the first measure is to secure the supply chains to limit the exposure to shortages of essential products in the EAS region.

Second, under the digitalisation measure, the EASMC may consider re-thinking their GVC strategies by accelerating digitalisation that was already underway. Digitalised supply chain is easier to monitor and will increase the ability to respond to future shocks.

Market mechanisms should be the main engine of digital transformation, with policy intervention facilitating this process. Region-wide cooperation in ICT development and digital trade facilitation, with strong support by markets and business councils, is imperative therefore.

The third important measure is to enhance the sustainability and circularity of supply chains.

Good ASEAN initiatives such as the ASEAN Framework on Circular Economy could also be emulated as ASEAN Member States are geared towards transitioning into a circular economy.

In conclusion, Professor Nishimura pointed out that to be better prepared for future crises, stronger, more resilient, and flexible supply chain structures would need to be in place. No country can efficiently address the complexities of supply chains in isolation; hence, international cooperation remains urgent.

ERIA was honoured that the Joint Media Statement of the Ninth EAS Economic Ministers' Meeting noted ERIA's significant contributions to the region.

The 4th East Asia Energy Forum: A Low-Carbon Energy Transition in the ASEAN Region

13 September 2021



ASEAN countries need to pursue low-carbon energy transition pathways aimed at carbon neutrality as their ultimate objective taking into account each country's specific national circumstances. The Paris Agreement sets the long-term temperature goal to hold the increase in the global average temperature to well below 2°C above pre-industrial levels. With the participation of policymakers, energy analysts, and the private sector, the Fourth East Asia Energy Forum will discuss feasible and ASEAN specific pathways towards carbon neutrality. Carbon Capture Utilization and Storage (CCUS) is one of the indispensable zero-carbon technologies. The role of natural gas and Variable Renewable Energy (VRE) such as solar photovoltaic (PV) will be discussed in the transitional phase until the time when hydrogen, ammonia, and CCUS technologies will be commercially available after 2040.

ERIA Participates in the 42nd AIPA General Assembly

Tokyo, 23 August 2021



A delegation of ERIA, headed by Professor Hidetoshi Nishimura, President of ERIA, participated in the 42nd General Assembly of the ASEAN Inter-Parliamentary Assembly or AIPA-GA, which was held online.

AIPA is the annual meeting for the speakers and members of the 10 member states of ASEAN's national assembly. ERIA has been invited to the annual meeting since 2017 based on the Memorandum of Understanding between AIPA and ERIA titled 'Develop AIPA's Capacity on Matters Concerning ASEAN Economic Community and ASEAN Economic Integration in Various Areas,' which was originally signed in 2016, and renewed in 2019.

ERIA and the AIPA secretariat have co-hosted events on regulatory management systems, economic integration, as well as waste management and marine plastic debris issues.

Addressing CO₂ Emissions in Asia: CCUS Network Launched

Jakarta, 22 June 2021



→ The Asia CCUS Network is an international industry–academia–government platform for utilisation of carbon capture, utilisation, and storage (CCUS) throughout the Asian region. Thirteen EAS member countries and more than 100 companies, research institutions, and international organisations have so far expressed their intention to participate in the network. CCUS may account for nearly 15% of the cumulative reduction in global emissions to achieve carbon neutrality. The Asia CCUS Network aims to contribute to the decarbonisation of emissions in Asia through collaboration and cooperation on development and deployment of CCUS. The forum was attended by honourable Ministers from Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Philippines (proxy), Singapore, Thailand, Australia, and the United States. It will serve as a platform for collaboration on low emission technology that will eventually accelerate the deployment of CCUS.

ERIA President Delivers Keynote Speech to Brunei Darussalam Conference on Agriculture

Bandar Seri Begawan, 12 June 2021



→ Brunei Darussalam Conference on Agriculture Agricultural Sector: Challenges & Way Forward was held at the International Convention Centre in Bandar Seri Begawan. Professor Hidetoshi Nishimura, President of ERIA delivered a keynote speech at the conference attended by high-level government officials, diplomats, industry leaders, academics, and experts from across the region. Professor Nishimura also shared information about new ERIA research on agriculture and digital technology from the project 'Enhancing food supply chain resilience and food security in ASEAN with utilisation of digital technologies.' This project is composed of research activities including an assessment of digital technologies adaptation and support of the formulation of ASEAN guidelines on the utilisation of digital technologies in agriculture. Lastly, Professor Nishimura stressed ERIA's support to Brunei Darussalam, as the Chair of the ASEAN Summit and the East Asia Summit in 2021, through the implementation of research activities such as a study to prepare the masterplan for the economic development of Temburong.

ASEAN–Japan Business Week: Toward Innovative and Sustainable Growth

Tokyo, 24 May 2021



ASEAN–Japan Business Week is a brand-new online event hosted by multiple organisations from ASEAN and Japan. The 5-day event was officially started on 24 May 2021 and streamed by more than 200 participants. The speakers highlighted the importance of digitalisation, especially in the time of the pandemic. ASEAN has launched the Comprehensive Recovery Framework to promote programs and policies that will support a strong and resilient post-pandemic economy. JETRO JICA actively supports members companies of small and medium-sized enterprises in a number of ways, including by providing a consultation desk. Digitalisation can also bring Japan to the Southeast Asian market.

According to Mr Hachiyama, COO of ERIA, ASEAN has contained the impact from COVID-19 and is expected to continue to have high growth after the pandemic. Digitalisation is in the rapid transition stage from 'electronic commerce, etc.' to 'area activities' (data free flow and common data platform, digital transformation) Japanese technology could contribute positively to digitalisation in ASEAN. Circular economy is a concept that prioritises material recovery at the end of a product lifecycle to bring resources back into the production process and eliminate waste. Regarding the future energy landscape, ASEAN faces tremendous challenges in the race to carbon neutrality ('net zero emissions' by the middle of the 21st century). ERIA Senior Energy Economist Dr Han Phoumin gave a keynote speech entitled 'Decarbonisation Scenarios for ASEAN: Methodology and Expected Results' during the session on 'Promoting Green Business for Sustainable Development in Southeast Asia.' The Mekong subregion could play a significant role as baseload power that can complement the high penetration of solar and wind energy. In the absence of a thermal power plant, a large capacity of electrical battery storage is necessary as power backup during days of less sunshine and wind.

ERIA Renews MoU with OECD in a Virtual Signing Ceremony

Tokyo/Paris, 28 April 2021



ERIA and OECD signed the second renewal of the Memorandum of Understanding (MoU) between the two organisations, putting greater emphasis on a variety of research topics such as the environment, social development, small and medium-sized enterprises (SMEs), green growth, infrastructure, and connectivity. 'We hope that the OECD and ERIA will play an important role in the economic recovery from the pandemic caused by the new coronavirus,' said Mr Toshihiro Nikai, who contributed to the creation of ERIA. In his remarks, Professor Nishimura recounted the projects and collaboration that ERIA and OECD had developed together.' Based on the MoU, ERIA and OECD have cooperated on research and policy proposals in various fields related to economic integration in East Asia, such as the development of the ASEAN SME Policy Index and the ASEAN Trade Facilitation Indicators,' said Professor Nishimura, adding that both organisations had presented the prospect for East Asia's economic development on the sidelines of the annual ASEAN Summits. 'Last year, for example, in the forum with OECD, we discussed the idea that ASEAN's efficient international production network had contributed to suppressing negative COVID-19 impact and that this could be a model for the era of the New Normal. ERIA offered this idea as input for the East Asia Summit leaders and ministers.'

Mr Gurría acknowledged the success of the ASEAN SME Policy Index, saying that 'the Index has become an important reference within the ASEAN system for measuring [the] progress of reforms in areas such as SMEs and innovation policies, SMEs and women entrepreneurship, SMEs and business climate issues, and SMEs and green growth.' He also reminisced about the signing of the first MoU with ERIA at the Chateau de la Muette in Paris on the occasion of the 50th Anniversary of Japan's accession to the OECD. Before the signing ceremony, Mr Gurría spoke on a press briefing 'OECD Secretary-General on Japan after the COVID-19 Pandemic and Its Role in the Indo-Pacific Region' organised by the Foreign Press Centre Japan. He said that Japan's outlook for the next couple of years is positive, with price inflation to remain muted; however, fiscal sustainability in the long term should be observed and maintained.

Office of the President



FY2021 witnessed the continued wrath of twin health and economic crises across the world. The office of the president of ERIA rose to the challenge generated by disruptions in physical connectivity and provided uninterrupted policy relations services to the stakeholders through research and dialogues. The economic integration process in the East Asia Summit region and the ASEAN Community building process were served virtually, round the year. A unique, though inevitable, feature of this FY was the increased interest of stakeholders from outside the region, arising from the international concerns over the resiliency of supply chains from Asia, the growing impact of strategic relations on trade policies, and seeking pathways for rebuilding and recovery through international cooperation. These were achieved through increased research inputs to Ministerial and official proceedings in member countries of EAS, joint works with multilateral organisations and think tanks, and working for concrete plans for greater economic connectivity in Asia, and with Africa and Europe. Policy relation activities covered traditional areas of trade and economic cooperation and issues that constitute new frontiers of global value chains, investments, connectivity and new supply chains, and infrastructure development. The bilateral and regional interests of partners of ASEAN such as the European Union (EU), the United Kingdom (UK), and the United States (US), and a multilateral agenda for development through forums such as the Group of Twenty (G20), the Organisation for Economic Co-operation and Development (OECD), and the Asia Europe Meeting (ASEM) were of special concern in 2021. The agenda for recovery and rebuilding was a common element of all the policy relation activities.

A. Research Works for the EAS Members and their Dialogue Partners

The policy relations office supports several policy and research initiatives of EAS member countries and the Dialogue Partners of EAS. The support activities for the ASEAN and the EAS, and the Dialogue Partners were marked by three important features. First, the continued prevalence of the COVID-19 pandemic and its adverse effects on economic linkages around the world led to the evaluation of the resiliency of supply chains, investment dynamics, and the rebuilding strategies for production and distribution (supply-chains) links. Continued investments for infrastructure, digital economy, and development cooperation were other crucial areas of policy interest amongst governments and multilateral bodies. Second, the Dialogue Partners of ASEAN deepened their need for participating in and developing the economic architecture in the Indo-Pacific region, with ASEAN at the centre of the architecture. Third, with governments being pre-engaged with containing the health crisis and rejuvenating the economic recovery plans, the cooperation agenda amongst the multilateral organisations to support the governments in dealing with the economic, social, and institutional capacities required greater inputs and resources. These three features determined the demand-side work in the policy relations unit, which was performed through relevant research and policy writings and through the interactive features of the Internet, which facilitated exchange of works and ideas with governments and international organisations in and outside Asia.



On the supply side, the findings of ERIA's survey of supply chain resiliency in ASEAN and India were interpreted and converted into policy writings for mapping the supply-chain scenario during the pandemic and in the context of US–China trade tensions. A vital study on changing dynamics of supply chains and investments in Asia was conducted to present a policy prognosis for the global value chains (GVCs) in manufacturing, investment trends, and the roadmap for participation in the digital economy in Southeast and the East Asia region in the post COVID-19 period.

On the demand side, the Asia Europe Meeting (ASEM) Plenary Study on 'Multilateral Cooperation for Resilient, Sustainable, and Rules-Based Future for ASEM' was presented to the leaders of Asia and Europe in the 13th ASEM Summit meeting in Cambodia in November 2021. The study was released by the Deputy Prime Minister and Foreign Minister of Cambodia on the eve of the ASEM summit. Prime Minister Hun Sen, the host and chair of 13th ASEM, expressed his deep appreciation for ERIA's study in the plenary session of the ASEM summit. The President of ERIA and policy relations office attended the ASEM Summit as observers.

On the demand from the UK Mission to ASEAN, another study was undertaken to study the UK–ASEAN supply chains and trade integration. The study was presented to the UK–ASEAN Economic Ministers meeting in August 2021. The demand for further evidence on changing economic architecture in Indo–Pacific has led to the initiation of the study on regional integration and supply chain linkages in the Indo–Pacific, which covers the intra-Asia, the Pacific, Asia–EU, and the Asia–US axes of trade and investment linkages.

B. Support to Host Country Indonesia for G20

With the G20 presidency of Indonesia in 2022, the focus of policy relations was on providing early support towards the preparatory activities of T20 and Ministerial meetings. The G20 Research Forum was set up in fulfilment of this mandate, which will continue into the next presidencies of India, South Africa, and Brazil. The G20 Research Forum will support the ministerial and Sherpa track, and work as the repository of action taken on G20 leaders' statements. ERIA, LPEM-FEB UI (Indonesia), and RIS (India) would form the Research Forum initially, and prepare their institutions for their specific role and contribution in the upcoming two G20 summits. The Forum will also induct important members like OECD, SAIIA, JICA, and ADB with their long standing contribution to G20 meetings and activities.

Along with the G20 support tasks, the policy relations office is an early contributor to India, the G20 Chair in 2023, for policy discussions on reforms in T20, and for bringing the development cooperation agenda into focus in the G20.

C. Collaboration with Multilateral Organisations

Organisation for Economic Co-operation and Development (OECD)

The policy relations office of the president of ERIA supported the OECD in its preparatory works for the G20 in Trade and Agriculture matters, through its collaboration with and participation in the meetings of the Trade and Agriculture Directorate. The policy relations office helped the Global Relations Secretariat

(GRS) of OECD to develop the theme and the concept paper of the OECD Southeast Asia Regional Forum 2021 held on 20 May 2021. ERIA continued to support and attend the Southeast Asia Regional Programme (SEARP). The work of OECD Development Center was supported through collaboration in their programme for Transforming Asian Economies. The policy relations office contributed to the OECD Southeast and East Asia, and India Economic Outlook through policy inputs in the Ninth OECD-ERIA-ADB-ADB-AMRO Roundtable. In April 2021, the ERIA-OECD MoU for joint works and activity in the next 5 years was renewed and jointly signed by Angel Gurría, Secretary General of OECD and Prof Hidetoshi Nishimura, President of ERIA.

World Bank

The World Bank is in the process of replacing the 'Ease of Doing Business' Index with an improved 'Business Enabling Environment' (BEE) Index. The purpose of the project is to advocate policy reform and to inform economic research and specific policy advice. The policy relations office was invited by the World Bank to contribute to the concept note and indicators for the International Trade section of the Index. ERIA will continue to provide support in finalising the BEE index during 2022.

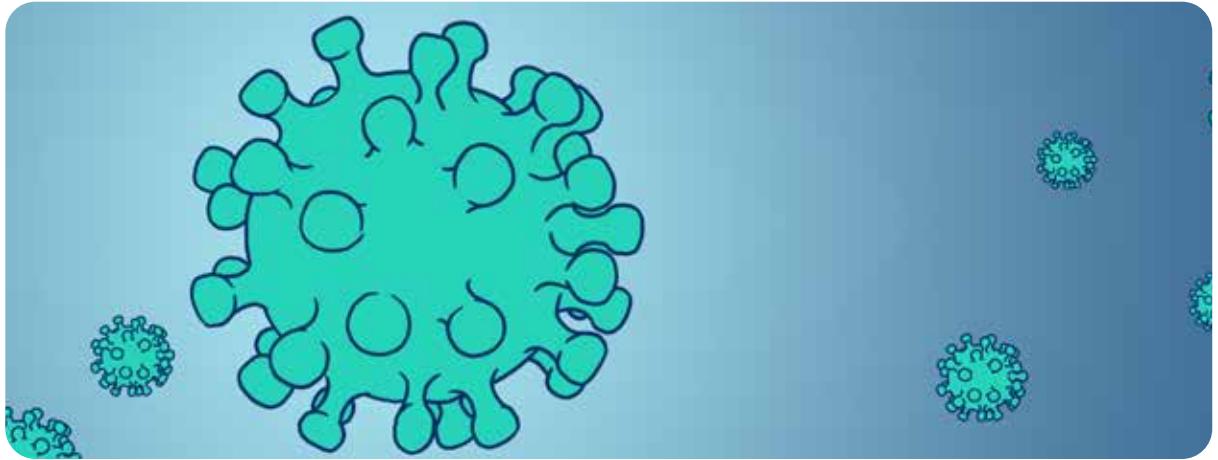
D. Support to Stakeholders

The policy relations office participated in several workshops and symposiums in Australia, Belgium, Cambodia, China, Germany, India, France, and Singapore, bringing in the stakeholders in Asia Pacific and Europe, and the partners of ASEAN and East Asia closer, through dissemination of East Asian economic cooperation experience and through demonstrating the value of free trade and economic cooperation. It has written extensively in several regional newspapers and online platforms on the issues of connectivity, GVCs, and sustainable financing and development issues before East Asia. It is expected that such advocacy and research dissemination activities will support the policymaking on trade and economic cooperation amongst the stakeholders, and contribute to the recovery and rebuilding of economies in the post-COVID-19 period.

Research



COVID-19 Related Projects



1. COVID-19 in Indonesia

The main long-term effect of the coronavirus disease (COVID-19) in developing and least developed countries is rising poverty and unemployment. Governments around the world have launched major fiscal and monetary stimuli to overcome the pandemic. Still, implementation needs to be improved. The most important issue is how to revive trade and investment to maintain levels of employment. The Economic Research Institute for ASEAN and East Asia (ERIA) carried out a study on COVID-19 in Indonesia. The study will address the impacts of COVID-19 on the economy, how to mitigate the economic impacts of the pandemic, and the kind of fiscal and monetary stimuli that can revive trade and investment and maintain pre-pandemic levels of employment. The Routledge co-publication, titled

COVID-19 in Indonesia: Impacts on the Economy and Ways to Recovery, was published in early April 2022. This book assesses the impacts of COVID-19 on the Indonesian economy, particularly on employment, education, poverty, trade, and the macro economy.

The study explains how fiscal and monetary stimuli work and the roles of local governments in managing such stimulus. It also presents paths to recovery and lessons learnt from countries that have found success in mitigating the economic impacts of the pandemic (China, Germany, Singapore, and Viet Nam). It will be a useful reference for policymakers, scholars, students, and the public audience working or having an interest in the fields of development economics, trade, health economics, economics, and East Asia.

2. A New Challenge of Urban Structural Change in the Post COVID-19 Era

COVID-19 has led many people, companies, and governments to recognise that it is becoming increasingly difficult to continue living and working the way we used to. The widespread use of telework and various measures to avoid crowding are giving people room to reconsider where they live and where their companies operate. This trend could continue even if vaccines are widely available and the impact of COVID-19 is reduced.

The widespread use of telework adds to the debate on the concentration of cities. Will these changes in the economic environment lead to a reduction in urban concentration? Or, conversely, will they accelerate it? If policymakers do not like the concentration of cities, especially the largest economic centres, what policies can be adopted to make them less concentrated? The dramatic changes in the economic environment brought about by COVID-19 may also change the tone of the long-running debate on the economy of agglomeration and the development of information and

communication technologies (ICTs). Indeed, in parallel with the development of ICTs, a debate has ensued about whether urban agglomeration will proceed or be moderated. In Asia, the problem of concentration in the largest economic centres is common and is part of the vulnerability of large cities, as evidenced through COVID-19, where infections were spread by the movement of people. This is why sharing best practices and developing appropriate policies in response to changes in the economic environment are essential for economic development and the improvement of people's lives in the medium to long term. As COVID-19 will semi-compulsorily promote telework in many countries and have a major impact on industrial structures, it makes sense to study and analyse the changes and the latest policies at this time.

This project summarises the economics and diseconomies of agglomeration, and analyses the policies of remote work, industrial policy, and the new capital initiative to ease the concentration of power in different countries. The study combines a review of theories with case studies of specific cities. Using available data, we analyse data on post-2020 changes in specific cities.

Deepening Economic Integration



1. Regional Comprehensive Economic Partnership: Implications, Challenges, and Future Growth of East Asia and ASEAN

The Regional Comprehensive Economic Partnership (RCEP), completed on 15 November 2020, is the largest free trade agreement (FTA) in the world. It comprises the 10 Member States of ASEAN (Brunei, Cambodia, Indonesia, the Lao People's Democratic Republic (Lao PDR), Malaysia, Myanmar, Philippines, Singapore, Thailand, and Viet Nam) and five other countries in the region with which ASEAN has FTAs – Australia, China, Japan, the Republic of Korea (henceforth, Korea), and New Zealand. It is the largest trading bloc in the world, with a combined population of 2.2 billion people (30% of the world population), total regional gross domestic product (GDP) of around \$38,813 billion (30% of global GDP in 2019), and nearly 28% of global trade.

The RCEP sets an important agenda for trade and investment in global trade in terms of opening large domestic market (demand), releasing huge resources for trade and investment, and creating dynamic regional and global value chain activities. It is a critical and important framework for global trade and regionalism, especially given the current context of uncertainty and inward-looking policies caused by the COVID-19 pandemic. It provides the impetus for global trade and investment and supports open regionalism and global trade and investment.

Trade and openness are key strategies to create investment and employment, reduce poverty and income inequality, and generate structural transformation in the domestic economy and the region. Trade and global value chains (GVCs) are critical for a sustainable and

inclusive post-pandemic recovery in terms of poverty reduction and for creating a stable and resilient recovery process in terms of a digital and green transformation of regional trade.

Key features of the RCEP could strengthen the integration of the East Asian region. The RCEP is based on the following key elements of regional integration: (i) rules-based trade and investment, (ii) market access, (iii) economic cooperation, (iv) ASEAN centrality, and (v) the flexibility and responsiveness offered by its status as a 'living' agreement. These elements are important for the recovery of East Asia and ASEAN in the post-pandemic period and for moving the region to the next stage of inclusive and sustainable growth in regionalism and GVCs.

To assess the status of the RCEP at the beginning of 2022, the Trade, Training and Research Institute of Cambodia's Ministry of Commerce, in collaboration with ERIA, held a hybrid workshop and launched a book titled *Regional Comprehensive Economic Partnership (RCEP): Implications, Challenges, and Future Growth of East Asia and ASEAN* as part of a side-event during Cambodia's term as chair of ASEAN. The workshop discussed the structure of the RCEP in terms of the complexity of the RCEP commitments, modalities, and mechanisms. The book underlines key features of the agreement and analyses how these could strengthen regional integration.

The monograph (launched on 14 March 2022), edited by Fukunari Kimura, Shandre Thangavelu, and Dionisius Narjoko, shares critical insights on the various elements of the RCEP agreement and discusses the key potential implications to the integration process in the region. It

carefully examines the commitments and compares them with those of other agreements, including the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP). The impact of businesses, behind-the-border issues, and the domestic capacity of the respective RCEP member countries is discussed, in addition to a formal assessment of the potential benefits of the RCEP. Finally, it attempts to address emerging issues – especially with respect to the COVID-19 pandemic recovery.

2. ASEAN Seamless Trade Facilitation Indicators and Trade Transaction Costs

ERIA, together with the ASEAN Trade Facilitation Joint Consultative Committee, has developed an ASEAN-specific trade facilitation indicator called the ASEAN Seamless Trade Facilitation Indicators (ASTFI). The ASTFI is based on a survey of the major trade-related government agencies of each ASEAN Member State. It includes measures on transparency and engagement with the private sector; the core trade facilitation measures of clearance and release formalities, as well as export and import formalities and coordination; and measures for transit, transport, and e-commerce facilitations. A report on the ASTFI Baseline Study was submitted to the ASEAN Trade Facilitation Joint Consultative Committee in July 2018.

The public version of the report, published in July 2021, provides the status and progress of the trade facilitation environment in ASEAN and its Member States (AMS), highlighting the trade facilitation efforts and best practices in ASEAN as well as each AMS as of 2018. The finding is that, by 2018, AMS had done

well in terms of transparency and information on laws, regulations, and procedures, as well as components related to communication and engagement with the private sector. Under these components, AMS had established informative and user-friendly websites containing customs and trade-related laws and regulations. Best practices by leading AMS in the region with respect to engagement between the government and the private sector were also highlighted, and these serve as benchmarks for other AMS. Moderate progress was made in the release and clearance formalities component, cross-border coordination and transit facilitation, and transport facilitation where ASEAN transport-related protocols had yet to be implemented.

Much remained to be done in many of the AMS and in the region to move towards a seamless trade facilitation environment, but progress had been made. A follow-up ASTFI survey, conducted in 2020 and 2021, will assess the progress in trade facilitation since the 2018 baseline and the attendant improvement in the trading environment in ASEAN.

3. Global Market Entry, Survival, and Exit of Firms: Understanding the Process and the Effects

Firms play a central role in an economy's globalisation process. They make constant decisions on whether they will start being engaged in global activities through trade (exporting and importing, including participation in GVCs), foreign investment, or research and development, and whether they will continue or cease these activities if they are already globally engaged. It is of utmost importance, therefore, to have in-depth knowledge

of this process not only to better understand the causes and consequences of globalisation, but also to devise appropriate policies in a broader strategy of globalisation.

A large number of studies have been conducted on this issue but much remains to be learnt about this process. First, although standard monopolistic competition models of trade (possibly with heterogeneous firms) have clarified new channels of gains from trade (increased product varieties at lower prices and reallocation of resources amongst firms), these models may be too simplistic to explain the global market entry of firms because they focus exclusively on firm productivity or marginal cost as a determinant of global market entry. However, many other important factors may be determining firms' global market entry decisions. More importantly, the process of global market entry may be much longer and more varied. (For example, Korea's military aircraft industry had taken steps – such as maintenance of imported aircraft, domestic production of some parts and components, licenced production of existing models, international collaborative development of new aircraft models – before it began exporting made-in-Korea military aircraft.) Second, understanding the process and determinants of survival in the global market or continuation of global activities is at least as important as global market entry. Although there is a small but growing literature on this issue, there is room for further studies, particularly if the various pre-entry determinants and paths are related to post-entry survival and exit of firms.

This project aims to empirically (i) clarify the process and determinants of global market entry, survival, and exit of firms; and (ii) evaluate the effects of globalisation on firm behaviour, which go beyond the effects predicted by standard trade models.

This project resulted in the publication of five ERIA Discussion Papers in FY2021.

4. Economic Impact of Non-Tariff Measures on Firms and Competitiveness in Asia

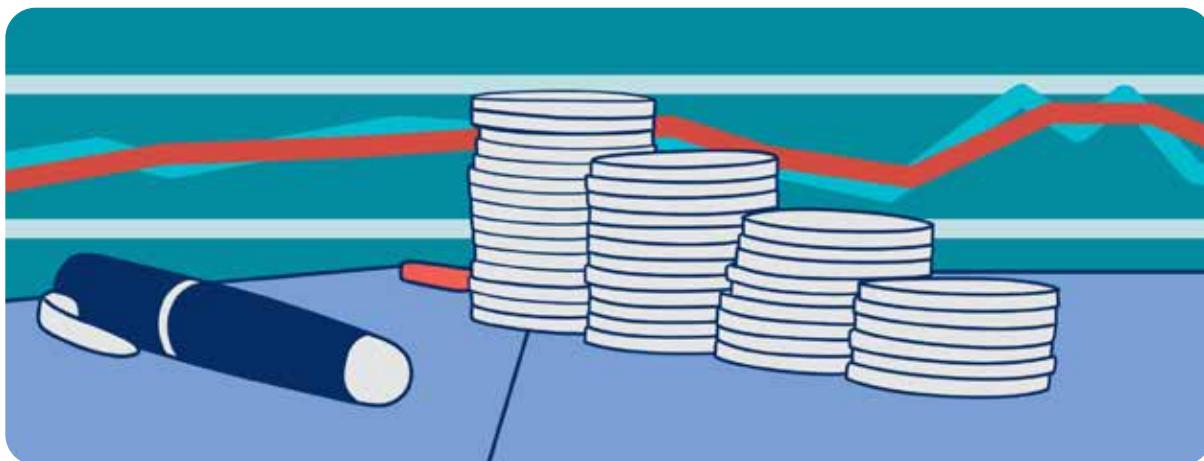
With the progress of bilateral and multilateral trade agreements, the use of tariffs as a protectionist tool has declined while the number of non-tariff measures (NTMs) has increased. These opposite trends have triggered questions of whether NTMs are being used as a substitute for tariffs and how they affect economic and social objectives. NTMs are policy measures, other than ordinary customs tariffs, which can potentially affect trade by changing the price, quantity traded, or both. NTMs can impose heavy burdens on producers and consumers. For producers, compliance with NTMs raises production costs through the adjustment of production technology or sourcing for better-quality inputs. Producers need to bear the enforcement costs to conform with regulations. For consumers, NTMs can result in more expensive imports or narrower product choice.

NTMs can also serve legitimate purposes. Unlike tariffs, which clearly distort trade and welfare, NTMs are typically designed to correct several market failures, notably to protect the health and safety of consumers and to preserve the environment. NTMs are not necessarily non-tariff barriers, thus their elimination is not an option. The complexity of NTMs as a regulatory tool poses considerable challenges to policymakers. The expansion of GVCs further magnifies the impact of NTMs on trade and competitiveness. Despite the growing importance of NTMs in international trade, the availability and accessibility of their data are limited.

Recognising the urgent need to enhance the understanding and transparency of NTMs, ERIA, in coordination with the United Nations Conference on Trade and Development, developed a database on NTMs in ASEAN and East Asia. Information is collected from all possible official sources and classified by the internationally comparable MAST 2018 classification. Product classification based on the ASEAN Harmonised Tariff Nomenclature 2017 allows analysis at sectoral and product levels.

This project resulted in the publication of seven ERIA Discussion Papers in FY2021.

Narrowing Economic Gaps



1. 13th ASEM Summit: Multilateral Cooperation for a Resilient, Sustainable, and Rules-Based Future for the Asia-Europe Meeting

The Asia-Europe Meeting (ASEM) is a unique cooperation initiative, creating scope for transnational cooperation between Partner countries through regional and subregional activities. ASEM is wide enough to accommodate global and inter-continental development priorities. Yet it localises connectivity amongst Partner countries for economic growth, trade and investment, the digital economy, inclusive growth, and sustainable development.

Under the shadow of the COVID-19 pandemic in both Europe and Asia, the hosting of the 13th ASEM Summit (ASEM13) in Cambodia was particularly significant

as it envisaged an inclusive and prosperous growth pathway for the Asia–Europe region through multilateral cooperation and sustainable development.

The study brought together scholars and practitioners from Asia and Europe to examine the multidimensional nature of Asia–Europe cooperation and connectivity. It covered themes including partnership for economic growth, trade and investment, the digital economy, quality infrastructure, skills development, education, women and youth, labour mobility, sustainable development, multilateralism, and global governance. The study captured productive and replicable experiences amongst Partner countries. It summarised the unique role and vision of Cambodia as the host of ASEM13, and the need to carry these into the 14th ASEM Summit in Europe. This book fulfilled this purpose and established a pathway for making ASEM an active,

efficient, and influential multilateral platform for cooperation and connectivity between Asia and Europe. This plenary study for Cambodia – the chair and host of the 13th ASEM Summit – envisages an inclusive and prosperous growth pathway for the Asia–Europe region through multilateral cooperation and sustainable development. At the request of the Deputy Prime Minister of Cambodia, the book was translated into the Khmer language, and both versions were presented to leaders at the ASEM Summit in Cambodia on 24 November 2021.

2. Modelling Human Development and Circulation of the Long-Term Care Workforce

The Government of Japan launched the Asia Health and Wellbeing Initiative to promote regional and bilateral cooperation to create vibrant and healthy societies where people can enjoy long and productive lives and contribute to sustainable development. Cross-border circulation of human resources for long-term care is one of the most supported activities of this initiative. The development of human resources for long-term care all over Asia is expected to smooth the path for Japanese long-term-care service providers to invest overseas in care industries and encourage these industries in countries that have not necessarily nurtured long-term care service. The establishment of such a win-win relationship amongst Asian countries is the most important goal of the Asia Health and Wellbeing Initiative.

The objective of the project is international harmonisation of the national qualification frameworks of long-term-care training. Japan has a national qualification system for certified care workers and a career ladder system for long-term care professionals. The Philippines has a qualified caregiver training system under the Technical Education and Skills Development Authority and the Philippine Qualifications Framework. Indonesia and other AMS are establishing their own qualification frameworks for job training. National qualification frameworks, however, must be harmonised under an Asian qualification framework for international long-term care work. Although Japan welcomes care workers from abroad, how to identify them within its qualification framework is not yet clear. Care workers in the origin countries are confused about their professional rank in the receiving country.

Due to a steadily ageing global population, demand for care workers for older people is growing worldwide. In most societies and cultures, older people have traditionally been taken care of by family members, but shrinking family size has been making this difficult and businesses providing care for older people are emerging. Countries with aged populations are increasingly relying on foreign care workers.

This report, published on 13 July 2021, focused on a comparison of vocational qualifications frameworks in India, the Philippines, and Japan. It aims to contribute to the promotion of policy dialogue with a view to creating more skilled workers and to establish systems that can fairly recognise their competencies, so that their vocational skills can be much better utilised in any country.

3. Feasibility of the Introduction of Japanese-Style Rehabilitation Centres to Cambodia, Lao PDR, and Viet Nam

This study will focus on brain injury rehabilitation in Cambodia, Lao PDR, and Viet Nam, where populations are expected to begin to age rapidly. Societies facing rapid ageing are expected to see a greater number of patients with brain injury (e.g. stroke) than societies with younger populations. This is because risk factors accumulate as individuals age – i.e. hypertension, diabetes mellitus, and hyperlipidaemia – and thus demand for long-term care increases. An increase in the number of older people who require long-term care can impose a very heavy burden on developing economies such as Cambodia, Lao PDR, and Viet Nam. It is expected that ageing in these nations will take place before the countries are able to establish reliable social welfare systems for older people. Urgent action is required to disseminate preventive measures for brain injury and to prevent the impairment of activities of daily living of patients with brain injuries.

This study shows the potential of chronic-phase rehabilitation and nutritional management as specific strategies for a 'broad-based healthcare system'. In the countries studied, it was often difficult to provide sufficient rehabilitation and nutritional support for patients due to staff shortages. Greater human resources are needed to establish a 'broad-based healthcare system', at least in terms of chronic-phase rehabilitation and nutritional development.

Considering the diversity in the social, cultural, and political backgrounds of the countries covered in this study, it is important to gain a deep understanding of the real needs for the services, as presented in this project, to promote a 'broad-based healthcare system.' Multilateral cooperation amongst Cambodia, Japan, Lao PDR, and Viet Nam has great potential to achieve the development of reliable and affordable healthcare systems. This would be in line with universal health coverage as referred to in the 2030 Agenda for Sustainable Development of the United Nations, through mutual sharing of practices and lessons from different backgrounds. Health for all, without leaving anyone behind, is indispensable for creating mutually beneficial relationships amongst the countries in the region and indeed for enhancing economic development.

The report was published on 29 December 2021, titled *Pioneering Chronic-phase Rehabilitation and Nutritional Management in Cambodia, the Lao People's Democratic Republic, and Viet Nam: Promotion of a Broad-based Healthcare System*.

4. Feasibility of FTAs Between Cambodia and Its Trading Partners, India and Mongolia

In August 2020, Cambodia requested ERIA to conduct a study on the feasibility of FTAs with India and Mongolia. ERIA agreed to support Cambodia by preparing a joint report on the potential impacts of FTAs between Cambodia and its FTA partners. The objective of the FTA feasibility study is to generate insights into the costs and benefits of the prospective FTAs, considering the current economic situations in Cambodia and its FTA partners. The FTA feasibility study will use rigorous analytical techniques and the available data to shed light on relevant issues such as the current status of the bilateral

trading environment, including tariff and non-tariff barriers to trade; the consequences of the reduction and/or elimination of tariffs on trade with FTA partners; structural adjustments in production and consumption; the potential to form new supply chains; and areas for mutual gain. The FTA feasibility study will cover issues pertaining to trade in goods and selected services, and identify important sectors based on recent trends as well as input from the Government of Cambodia. The study will discuss how the FTAs may direct investment towards certain sectors. Supportive policies and reforms necessary to maximise the benefits from the FTAs will also be discussed.



Sustainable Development



1. Applying Extended Producer Responsibility Towards Plastic Waste in Asian Developing Countries to Reduce Marine Plastic Debris

The extended producer responsibility (EPR) mechanism is adopted in many countries to give producers the responsibility to manage their products up to the post-consumer stage. In developing countries, EPR is mostly implemented for electronic waste. However, with the rising concern about marine plastic, developing countries, including those in Asia, have started to apply EPR for package and container waste. In practice, developing countries significantly differ in their implementation of EPR compared with developed ones due to contrasting social, economic, technology, and other factors. This paper aims to explore the challenges of developing countries in applying EPR and to determine possible measures to

overcome the challenges. Results show that applying EPR for plastic waste in developing countries faces many challenges, such as the existence of a market-based collection system of recyclables, high transport costs, lack of waste collection services in rural areas, the limited number of facilities to manage certain types of plastic waste, insufficient pollution control, and free riding and orphan products. The challenges can be minimised by differentiating the responsibility of producers, focusing on rural and remote areas, involving informal sectors, creating joint facilities in recycling parks, expanding waste management collection services, increasing the use of EPR, and minimising free riding. Aside from optimising the implementation of EPR, other related measures ensure the circularity of plastic waste in Asian developing countries. For instance, governments or private companies facilitate investment to reduce the transport

cost of collected recyclables, enhance recycling design, develop industrial standards for recycled products, and stimulate green public procurement.

2. Impact of COVID-19 on Financing the Low-Carbon Energy Transition

Several reasons exist for leveraging private finance to accelerate the low-carbon energy transition and to achieve the nationally determined contributions (NDCs) agreed as part of the Paris Agreement. First, advanced countries have not yet agreed on any clear plans to meet their commitment to provide \$100 billion annually by 2020 so that developing countries can reach their NDC targets. Second, as estimates indicate, more than \$100 billion per year is needed to meet the low-carbon transition challenges that include not only investments in renewable energy but also energy efficiency and other strategies such as the deployment of clean coal and carbon capture and storage technologies. Third, government budgets of both advanced and emerging economies are often constrained by financial debts and other austerity policies, with little clarity on when and how public financial flows will be scaled up to meet the targets for 2030. This study examines the impact of COVID-19 on the financial sector – equity markets, bond markets, the banking sector, and central banks. It performs an in-depth country analysis on the barriers to low-carbon green growth in the major economies of ASEAN and East Asia.

Asia's historical development is at a crossroads. Twenty months into COVID-19, the cumulative economic and financial impacts are estimated to be much worse than

those of the 1997 Asian economic crisis and the 2008 global financial crisis. Governments across ASEAN and East Asia have deployed a significant amount of emergency capital in their response to the pandemic, with an initial focus on protecting livelihoods. As countries move towards long-term deep decarbonisation and a circular net zero economy, recovery from the pandemic has offered a rare opportunity to realign energy, innovation, trade, and fiscal policies into macroeconomic planning and national budgets towards a new sustainable development paradigm.

This book reviews and assesses the low-carbon green growth policies, practices, and economic recovery packages and identifies implementation gaps and new opportunities. The detailed analyses embedded in the chapters cover a wide range of impact strategies at the sectoral level and identify immediate economy-wide actions required to realise the net zero future. Based on a review of countries' experiences, this volume concludes that past climate actions have entailed progressive bottom-up, sectoral, low-carbon, green growth initiatives that are relatively fast and easy to implement and that provided incremental co-benefits. Realising the net zero future by 2050 will require much higher levels of technology absorption, crowding in finance, and strong institution building. The book urges public and private actors to harness the potential of regional cooperation based on market principles, which will reduce the cost of transformation to the net zero economy.

The report, titled *Rethinking Asia's Low-Carbon Growth in the Post-Covid World: Towards a Net-Zero Economy*, was published on 27 January 2022.

Energy Related Projects



1. Assessment of Electric Vehicle Penetration in Lao PDR

Oil, a major fuel in the total primary energy supply in Lao PDR, is used mainly for transport and is imported from neighbouring countries such as Thailand and Viet Nam. Lao PDR is rich in hydropower and has significant potential to develop it. Therefore, penetration of electric vehicles (EVs) is an option for Lao PDR in terms of reducing its import of transport fuels such as gasoline and diesel and in developing its hydropower. Thus, the Ministry of Energy and Mines of Lao PDR requested ERIA to analyse the impacts of EV penetration in Lao PDR.

This project aims to support the Department of Planning and Cooperation of the Ministry of Energy and Mines in analysing the impacts of EV penetration in Lao PDR

in terms of changing its energy mix to shift from oil to electricity, forecasting oil demand reduction and electricity demand increase, revising oil imports on a physical and monetary basis, and elaborating hydropower development plans. In addition, the study specifies the number of EV charging stations needed, the required capacity enhancement of domestic transmission lines, and the need for construction of new hydropower plants on a physical and monetary basis.

This report, published on 31 March 2022, analyses the impacts of shifting from internal combustion engine to EVs in Lao PDR. First, shifting to EVs will reduce total final energy consumption in the country. Second, the additional electric power needed due to the penetration of EVs would come from domestic hydro or coal-fired power generation. Third, the decline of gasoline and

diesel fuel use and import caused by the shift to EVs should increase the country's GDP. Total carbon dioxide (CO₂) emissions would be reduced if the maximum rate of coal-fired power generation is kept below 50%. Finally, oil companies would experience a drop in revenue whereas the electricity sector would see an increase in investment and employment.

The study highlights the important roles of government support in the penetration of EVs with the assistance of the international community, the defined penetration targets of EV charging stations, energy saving, CO₂ reduction, energy supply security, GDP growth, and the role of domestic and foreign investment in the EV and power sectors.

2. Petroleum Supply Chain Master Plan for Cambodia – Phase 2

Based on the projected petroleum demand for each of Cambodia's provinces in 2040 in phase 1, ERIA sought the optimal petroleum supply chain using the minimum-cost approach under several constraints: two primary ports (Sihanoukville and Phnom Penh); three transport modes (pipeline, railway, and tank truck); and imports from Thailand.

Cambodia has seen fast-growing demand for petroleum, especially oil, which had the highest share of total primary energy supply in 2018 (42%). As a result, the oil supply rose at an average of 6% per year from 2010 to 2018. Growth in demand for petroleum was nearly 10% from 2017 to 2018, indicative of a rapid increase in oil transport demand (gasoline and diesel oil). Currently, all

petroleum products are imported, and most are shipped by tankers from Thailand, Singapore, and Viet Nam. However, liquefied petroleum gas can be imported by tanker trucks from Thailand and Viet Nam, so the import route is different from that of gasoline and diesel oil. As petroleum demand is expected to grow to meet end-use demand, the transportation routes, receiving terminals, and distribution terminals of petroleum products must be adequately studied and assessed to ensure efficient logistics costs in Cambodia's petroleum supply chain. The Ministry of Mines and Energy of Cambodia recognises the need for a properly designed petroleum master plan for the country to understand the entire petroleum supply chain in terms of logistics, storage, and distribution.

The report was published on 8 February 2022.

3. Study on Energy Statistics Regulations for Lao PDR

Although ERIA has been supporting Lao PDR's Department of Planning and Cooperation and Ministry of Energy and Mines to produce the country's energy statistics, many primary data are still needed. ERIA will continually support these entities in establishing energy statistics regulations from energy market players or the supply side of energy, and provide energy data collection tools – including questionnaires on coal, petroleum, electricity, and renewable energy (especially biomass). The preparation of Lao PDR's energy statistics regulations is consistent with the objective of the country's Ministry of Energy and Mines – to enhance energy data and statistics to support policy planning and actions for energy-related

sectors. In recent years, the ministry has emphasised the importance of having accurate energy statistics in place to guide the development of energy policy in Lao PDR. Such statistics are fundamental to establishing appropriate energy policies that can promote energy efficiency and conservation, deployment of renewable energy, affordable energy supply, maintenance of energy supply security, and investment in clean technologies and clean fuels.

The report was published on 10 June 2021.

4. Feasibility Study on Transmission Highway in the ACMECS

According to the East Asia Summit (EAS) energy outlook prepared by ERIA, demand for electricity, gas, and oil in AMS will increase considerably, in line with the expected economic and population growth in the region. The Ayeyawady–Chao Phraya–Mekong Economic Cooperation Strategy (ACMECS) in Indo-China has a variety of energy sources: huge hydropower potential in the Lao PDR and Myanmar, gas in Myanmar, and coal in Viet Nam. However, the abundant renewable resources, especially hydropower and solar power, are underused because the ACMECS countries have no bulk transmission lines to cover the entire region. High-voltage power is traded bilaterally and power stations are largely dedicated to exporting power from one country to another. If bulk transmission lines (e.g. east–west and north–south) could connect Viet Nam, Lao PDR, Cambodia, Thailand, and Myanmar, the optimal generation mix in the five countries could be achieved. Using diverse

resources requires a physical bulk transmission line and multilateral trading system – the Transmission Highway – amongst ACMECS countries. ERIA organised a working group to carry out a study to (i) nominate candidates for new cross-border interconnections, (ii) estimate the construction cost of these interconnections, and (iii) estimate the financial and economic aspects and social benefits.

The ACMECS has varying energy resources, but abundant resources – especially hydropower – are underused because ACMECS countries have no existing bulk transmission network covering their entire area. The high-voltage transmission network can bring multiple benefits, including reduced fuel costs of thermal power generation, reduced CO₂ emissions, improved electricity access, and the ability to consolidate higher shares of variable renewable energy.

For this report, published on 9 December 2021, a cost–benefit analysis on using high-voltage cross-border interconnections for power trade in ACMECS was carried out. The study was conducted with the support of experts from Cambodia, Lao PDR, Myanmar, Thailand, and Viet Nam, who shared relevant data. Following the outcome of this study, ACMECS countries need to continue exploring how they move the regional grid towards a more accessible, affordable, and sustainable future power sector through the transmission highway concept.

5. Global Situation of Small Modular Reactor Development and Deployment

Several countries need a huge amount of clean low-carbon energy to meet their climate goals. To reinforce the competitiveness of nuclear energy in the clean and low-carbon energy market, advanced reactors with innovative features have been developed in niche markets. Amongst those advanced reactors, small modular reactors (SMRs) are expected to meet various demands that have not been satisfied by conventional large-scale reactors because of the SMRs' design features: small generation capacity, modular construction technology, safety, and low risk of radiation exposure, etc. Because of such advantages, SMR development projects are taken up in leaders in nuclear energy such as the United States, the United Kingdom, and Canada. At the same time, some countries that have not used nuclear energy are considering the deployment of SMRs. However, many barriers exist in deploying nuclear power plants. The 'newcomer' countries are seeking various options to meet their energy and environmental policies. Most AMS are also at a critical point in deciding their future energy options because they are experiencing rapid economic development and are expected to continuously increase energy demand.

This research focused on the innovative efforts in the leading countries and on considerations in the 'newcomer' countries to provide AMS with useful insights and information to consider their future energy policy.

This report, published on 2 July 2021, examines the applicability of SMRs in the context of ASEAN. Since small reactors are envisaged as replacing fossil fuel plants in many advanced countries, it reviews the market conditions and licensing requirements in those countries and the regulatory and safety imperatives needed in the developing economies of ASEAN for the commercial deployment of SMRs. The report recommends international cooperation between the SMR-producing countries and potential newcomer countries in the fields of nuclear energy planning, conducting feasibility studies, and new low-carbon infrastructure development.

6. Study on Demand and Supply Potential of Hydrogen in East Asia – Phase 3

Phase 3 of this project forecasts the amount of hydrogen production from potential energy sources such as hydropower plants in an isolated area, flared gas, and low-ranked coal such as brown coal. Based on the hydrogen production and demand reviewed in phase 2, phase 3 seeks optimal hydrogen transportation routes between hydrogen production and demand sites applying the minimum-cost approach.

The phase 3 study estimates hydrogen production potential. However, the estimated hydrogen production potential from unused energies will be less than 10% of the hydrogen demand potential estimated in the phase 2 study, and most of it comes from low-ranked coal due to the limitations of existing data – especially hydropower potential.

Under the phase 3 study, two hydrogen workshops were held virtually for India and Malaysia to introduce the major outcomes of the phase 2 study – a review of hydrogen production technologies and their costs, revision of the hydrogen demand of EAS countries by 2040, and a brief presentation of New Energy and Industrial Technology Development Organization (NEDO) hydrogen projects in Brunei Darussalam and south Australia. ERIA held the workshops in cooperation with the International Advanced Research Centre for Powder Metallurgy and New Materials in India and the Ministry of Energy and Natural Resources in Malaysia. The workshops raised many issues on hydrogen from the participants of both countries.

A low-carbon energy transition was the priority energy issue announced at the EAS Energy Ministers Meeting hosted by Brunei Darussalam in September 2021, and the use of hydrogen as a renewable energy is on the global agenda for achieving a low-carbon energy transition. The first meeting of the EAS Hydrogen Working Group – comprising Australia, Brunei Darussalam, China, India, Indonesia, Japan, Malaysia, New Zealand, and Thailand – discussed the role of hydrogen in contributing to a low-carbon energy

transition or carbon-neutral pathway of EAS countries. Australia, Japan, and New Zealand emphasised the importance of hydrogen in their carbon-neutral scenarios or road maps up to 2050. On the other hand, China, Brunei Darussalam, India, Indonesia, Malaysia, and Thailand still consider Variable Renewable Energy such as solar and wind as the preferred energy sources to achieve their low-carbon energy transition. The second EAS Hydrogen Working Group meeting consisted of (i) a brief presentation on the phase 3 study's contents – a review of hydrogen production technologies and their costs, and seeking an optimal hydrogen transport solution based on two transport methods (MCH and LH2); (ii) an introductory presentation on hydrogen uses for power generation instead of gas power generation; and (iii) an introductory presentation on NEDO's hydrogen projects in Brunei Darussalam and Australia.

Healthcare Unit



During FY2021, ERIA's Healthcare Unit completed one book and three research project reports, including 'Older People and COVID-19 in Indonesia (2022 edition)', which reports the results of a telephone survey to identify the impacts of the COVID-19 pandemic on older people's lives. This survey was proposed by Indonesia's Ministry of National Development Planning (BAPPENAS).

Another memorable event handled by the Healthcare Unit was the announcement event of the winners of the second Healthy Aging Prize for Asian Innovation award, which was co-organised with the Japan Center for International Exchange. Four winners were selected from 10 countries by the international advisory committee, which consisted of leading experts on population ageing throughout the region.

Through Japan's Ministry of Health, Labour and Welfare, the unit has been expanding its research focus to include

areas such as clinical trials. The research activities result in evidence-based policy paper recommendations after discussions with regional country experts, alongside their national health databases and published data from multiregional clinical trials, such as offers of health economic alternatives for safe travel throughout a pandemic and reviews of clinical trial regulatory frameworks in AMS, including how to improve their quality. These projects are expected to improve the capacity of clinical trials in the region and to support a region-wide network and capacity building activities to organise well-managed multiregional clinical trials for drugs and medical devices.

In addition, the unit has begun to collaborate with the World Health Organization through a secondee from ERIA, assigned to the WHO department in charge of the list of essential in-vitro diagnosis device research activities.

Environment Unit



The Regional Knowledge Centre for Marine Plastic Debris (RKC-MPD) was established in ERIA in October 2019 to support the ASEAN+3 Member States in tackling marine plastic pollution and to foster related good practices in the region. The RKC-MPD aims to facilitate networking amongst stakeholders, raise awareness, promote innovative actions in each country, and facilitate national and regional cooperation to collectively counter the marine plastic debris issue, while supporting the ASEAN Regional Action Plan for Combating Marine Debris in the ASEAN Member States (2021–2025).

The current activities of the RKC-MPD include the collection and dissemination of Member States' legal frameworks, action plans, and voluntary initiatives; sharing of scientific knowledge; and the promotion of positive business efforts undertaken by the private sector (<https://rkcmpd-eria.org/story>), in which companies are invited to showcase products, services, and technologies

that contribute to the reduction of plastic waste and marine plastic debris. The RKC-MPD has also published research on the application of extended producer responsibility in Asian developing countries. In addition to the above, the RKC-MPD has been actively engaging in awareness-raising activities to connect not only with policymakers, but also with wider stakeholders. One of the programmes launched in August 2021 is an interview series named 'Zero in on plastics', through which researchers and activists in the marine plastic field are invited to share their knowledge and experience with online readers. A special focus will be given to youth engagement in upcoming programmes. Joint research projects are ongoing with partner institutions such as the Institute for Global Environmental Strategies (IGES), the Regional Resource Centre for Asia and the Pacific at the Asian Institute of Technology (RRC.AP/AIT), and the Centre for International Law at the National University of Singapore.

Agriculture Unit



ERIA's food and agriculture research activities have been conducted as needed since ERIA's establishment in 2008. Although the contribution of the agricultural sector to overall economic growth is not necessarily large, its importance to the socio-economic situation of each country remains unchanged, especially in the ASEAN region – the food and agriculture sector is a major source of employment and income for a large proportion of the population, and ensuring food security and food safety is of critical importance for all human beings. Given the importance of the food and agriculture sector, the Agriculture Unit was established in 2016 as one of ERIA's Research Departments to intensively and constantly address various emerging topics in the food and agriculture sector. Since its establishment, emerging issues such as the food value chain, the

cold chain, and the digitalisation of agriculture have been addressed through research works as well as capacity building activities such as knowledge sharing workshops. The main priority of the Agriculture Unit is to contribute to the development of policies for the ASEAN food and agriculture sector.

In 2021, the Agriculture Unit focused on the implementation of the 'Enhancing Food Supply Chain Resilience and Food Security in ASEAN with Utilisation of Digital Technologies' research project. This project was composed of three components: (i) a COVID-19 impact analysis on food security and the food value chain in ASEAN through macro-data scenario analysis, (ii) a technical assessment of the enabling policy environment in ASEAN and other countries, and (iii) the formulation of

draft regional guidelines on digital agriculture. Through the project, ERIA supported ASEAN in developing the 'ASEAN Guideline on Promoting the Utilisation of Digital Technologies for ASEAN Food and Agriculture Sector', which were endorsed at the 43rd Meeting of the ASEAN Ministers on Agriculture and Forestry (AMAF). The president of ERIA reported the outcomes of the project to the ministers at the 21st Meeting of the AMAF and the Ministers of Agriculture of China, Japan, and the Republic

of Korea (AMAF Plus Three), and ERIA's support in developing the ASEAN guidelines was highly appreciated in the joint statement of the AMAF and AMAF Plus Three meetings. The Agriculture Unit will continue practical research and related activities to support the region's policy development in this field. For the next years, the unit will focus on research and related activities for support to building and enhancing the sustainable food system in the region.



Policy Design Department



Throughout 2021, despite navigating uncertainty and the emerging economic issues caused by the coronavirus disease (COVID-19) pandemic, the Policy Design Department (PDD) had a fruitful and productive year – delivering policy research, advice, and support for medium- and longer-term development and the economic integration of the Association of Southeast Asian Nations (ASEAN) and the East Asia region. PDD held extensive engagements with senior economic officials on economic matters, in line with the department’s objectives and goals of ensuring greater regional economic integration of ASEAN. These engagements ranged from supporting the Government of Brunei Darussalam as the chair of ASEAN in 2021, providing research on the ASEAN Trade in Goods Agreement (ATIGA) and key ASEAN trade facilitation initiatives, capacity building on the ASEAN Trade in Services Agreement (ATISA) for ASEAN sectoral bodies and the ASEAN Secretariat, and strengthening the inter-regional network through support for the East Asia Summit (EAS) process, to name just a few.

Over the past year, PDD collaborated on various issues with multilateral organisations and other stakeholders – for example, the ASEAN Secretariat and the Organisation for Economic Co-operation and Development (OECD) on Good Regulatory Practice (GRP), particularly regulatory reform work; the United Nations Economic and Social Commission for Asia and the Pacific on investment facilitation; and the United Nations Conference on Trade and Development (UNCTAD) on the Non-Tariff Measures Cost-Effectiveness Toolkit (NTM Toolkit) – Handbook for ASEAN. Looking ahead, PDD hopes to continue its collaborative intra- and inter-regional collaboration, as well as work within the Economic Research Institute for ASEAN and East Asia (ERIA) to produce high-quality policy

research and advice to help address the economic and regional challenges presented by the COVID-19 pandemic and the future.

i. The Government of Brunei Darussalam’s Role as Chair of ASEAN and Related Meetings in 2021

The Government of Brunei Darussalam, through its Ministry of Finance and Economy, requested PDD to provide research on and support to several initiatives that Brunei Darussalam had envisioned for chairing ASEAN in 2021. One of the priority economic deliverables for Brunei as chair was the development of the ASEAN Framework for Circular Economy for the ASEAN Economic Community. This was in line with Brunei Darussalam’s vision for ASEAN 2021: ‘We Care, We Prepare, We Prosper’. With the growing demand for sustainability by consumers and investors, it has become imperative for ASEAN to take account of circular economy initiatives in its ASEAN Economic Community work stream and to consider discussions and work in the ASEAN Socio Cultural Community to avoid overlaps and maximise resources. Another deliverable supported by ERIA was the development of the NTM Toolkit for ASEAN, a framework to review and evaluate the cost-effectiveness of existing NTMs in ASEAN.

PDD and the Research Department also undertook a study on developing a strategic master plan for Temburong District, requested by the Government of Brunei Darussalam through its Ministry of Finance and Economy in December 2020. Together with Temburong District Development Authority and the town planners, ERIA identified industries and sectors that are globally competitive, while remaining compatible with and



complementary to existing economic activities in the country. A study on urban amenities was also undertaken to assess the trickle-down effects of the development of Temburong on the people and the local economy. Amongst the studies conducted were business feasibility studies on ecotourism, education, a research centre, an international biodiversity laboratory, orchid farming, and koi rearing to strengthen the findings of the master plan. The master plan was submitted for endorsement to the board of directors of Temburong District Development Authority in March 2022.

ii. The Government of New Zealand's Role as Chair of APEC 2021

ERIA's Governing Board Member Dr Allan Bollard requested PDD to support New Zealand as chair of Asia-Pacific Economic Cooperation (APEC) in 2021. The APEC Secretariat also requested PDD to identify possible policy research for APEC 2021, such as the future of work, World Trade Organization (WTO) reforms, and the circular economy. Some discussions were held on this with the APEC Secretariat.

iii. EAS Economic Ministers' Meeting (EMM) and Senior Economic Officials' Meeting 2021, EAS Consultations, and Related Meetings

PDD undertook policy-based research to develop a framework for regional economic integration and development after overcoming the COVID-19 pandemic and to consider existing initiatives as part of ERIA's deliverables for the EAS EMM in 2021. PDD also presented a paper on supply chain resilience and the post-pandemic recovery in the EAS region, which emphasised the need

for greater collaboration in dealing with the adverse impacts of the COVID-19 pandemic. The EAS EMM, in a joint media statement, commended ERIA for its contribution to the EAS process through studies and research activities on regional economic issues. The meeting also reiterated the need for greater collaboration in dealing with the adverse impacts of the COVID-19 pandemic and urged ERIA to continue supporting the EAS process through its research.

iv. The Government of Indonesia's Role as Chair of the G20 in 2022 and Chair of ASEAN and Related Meetings in 2023

PDD also provided research and support to the relevant ministries of the Government of Indonesia for chairing the G20 and ASEAN, including supporting the Agriculture Working Group on the potential of digitalisation of the food value chain. PDD has also started discussions on the topics to be covered under the Government of Indonesia's role as chair of ASEAN and related meetings in 2023.

v. Temburong Strategic Development Master Plan

As part of ERIA's support to the Government of Brunei Darussalam, PDD developed a strategic development master plan to improve, preserve, and protect the natural and built environment of Temburong District. The study was based on the previous Temburong Eco Town Master Plan that ERIA had designed for the Ministry of Energy of Brunei Darussalam, covering major components that could be expanded to cover more items, such as ensuring local involvement and pursuing detailed information on industries, sectors, and activities for Temburong to be globally competitive. The master plan, amongst others,

includes the identification of industries and sectors that could be globally competitive while remaining compatible and complementary to existing economic activities in the country, the identification of economic activities suitable for the residents of Temburong District to ensure inclusiveness, and recommendations on a delivery plan and key policies and infrastructure to support development.

vi. Non-Conforming Measures List Under the ATISA

In collaboration with the ASEAN Coordinating Committee on Services (CCS) and the Ministry of Economy, Trade and Industry of Japan, PDD supported selected ASEAN Member States (AMS) in building their government officials' capacity by strengthening their understanding and knowledge for preparing a list of non-conforming measures for their services sectors. Due to the COVID-19 pandemic, focus group discussions (FGDs) were only held for selected AMS such as Cambodia, Indonesia, the Lao People's Democratic Republic (Lao PDR), and Malaysia. Australia's Department of Foreign Affairs and Trade contributed to FGDs in Cambodia and Lao PDR. Due to the high number of COVID-19 cases at that time, FGDs had to be postponed for other AMS such as Myanmar and Viet Nam.

The FGDs included practical exercises, designed in part to encourage participants to apply the taught content presented in the workshop – for example, to identify relevant domestic regulation in each of the focus sectors, change from the current positive list to a negative list in the ASEAN Framework Agreement on Services for ATISA where relevant to the focus sectors, and identify other non-conforming measures in each focus sector.

vii. ASEAN's Work on GRPs: Addressing Un-Implemented Initiatives Under the ASEAN Standards and Conformance Strategic Plan 2016–2025

Under this initiative, PDD is supporting the ASEAN Secretariat in preparing the ASEAN handbook on GRP. Once completed, PDD will assist in identifying pilot projects on GRP in strategic sectors of ASEAN and provide the necessary capacity building to promote GRP and build buy-in across institutions, sectors, and AMS.

The handbook will cover the principles of GRP within ASEAN and the processes involved in the implementation of GRP through a review of official documents, academic literature, and interviews with government officials and industry experts. Scenarios will be developed, examining each aspect of the GRP process. Detailed steps will be shared on the preparation of regulatory impact statements. In this process, mechanisms to perform cost-effectiveness analysis, business compliance costs, post-implementation review, and setting up of an institutional framework will also be addressed and will include case studies of the processes. Challenges in setting up a regulatory management system will also be dealt with, by providing explanations or methods to deal with such challenges. Possible policy recommendations for setting up GRP initiatives in AMS will be provided.

viii. Enhancing GRPs in ASEAN

PDD supported the ASEAN–OECD Good Regulatory Practice Network in 2021, with the theme of Innovative Recovery: Responsive Regulatory Systems for Economic Recovery and Prosperity, for ASEAN to

explore opportunities to use better and innovative regulatory approaches in recovering from the COVID-19 pandemic, in particular, and to focus on ways to strengthen regulatory frameworks to better manage future crises. PDD was also invited to participate in Good Regulatory Practice Network meetings.

ix. The Feasibility of Free Trade Agreements (FTAs) between Cambodia and Its Trade Partners, India and Mongolia

When the Government of Cambodia requested ERIA to undertake a feasibility study on Cambodia and its potential FTA partners, ERIA accommodated Cambodia by preparing a report on the potential impacts of FTAs between Cambodia and India and Mongolia. The main purpose of the study was to generate insights into the costs and benefits of the prospective FTAs, taking into consideration the current economic situation in Cambodia and its FTA partners.

PDD and the Research Department prepared the FTA feasibility study to shed light on issues such as the status of the bilateral trading environment, including tariffs and non-tariff barriers to trade, and the consequences of a reduction in and/or elimination of tariffs on trade with FTA partners, amongst others. The FTA feasibility study covered issues pertaining to trade in goods as well as selected services sector trade, and discussed how FTAs could direct investment towards certain sectors in Cambodia.

x. Public Version of the ASEAN Seamless Trade Facilitation Indicators (ASTFI) Baseline Study

In 2017, at the request of the ASEAN Trade Facilitation Joint Consultative Committee (ATF-JCC), PDD developed ASEAN-specific trade facilitation indicators – the ASTFI – which surveyed major government agencies in each AMS to take stock of the implementation status of regional and global trade facilitation initiatives. Submitted to the ATF-JCC in July 2018, the baseline ASTFI report recommended improvements in the trading environment and a reduction in trade transaction costs (TTCs) in the region.

Noting the interest of the private sector in trade facilitation initiatives in AMS and to facilitate better understanding, the ATF-JCC tasked ERIA to create a public version of the ASTFI baseline study report to inform the public of the key trade facilitation initiatives in ASEAN and to monitor the trade facilitation progress as reported in the ASTFI baseline study. The public version of the baseline study was published in July 2021.

xi. TTC Baseline Study

With the Research Department, PDD prepared a baseline TTC report based on an analysis of the Time Release Study report and the Time to Permit Approval survey results, following ERIA's completion of the ASFTI baseline study. The TTC report assessed the trade facilitation situation and provided a quantitative assessment of TTCs in the region. The TTC report was an ASEAN-specific measure intended to help AMS set quantifiable goals and monitor progress in achieving the ASEAN ministers' mandate of reducing TTCs by 10% in the region by 2020.

xii. ASTFI–TTC II

With the Research Department, PDD started conducting the ASTFI–TTC II, a follow-up to the 2018 ASTFI–TTC baseline study. The primary objective of the second phase of the study was to understand the trade facilitation environment and TTCs in ASEAN in 2020. The study included the calculation of the updated TTCs to measure the reduction in TTCs in ASEAN between 2018 and 2020. Throughout 2020, ERIA, country researchers, and AMS focal points held technical workshops to provide an overview of the ASTFI–TTC II project methodology, activities, and timeline, as well as to discuss the questionnaires and the data collection process. With the support of the AMS focal points in the ATF–JCC, ASTFI II survey questionnaires were circulated and filled out by AMS government agencies as part of this undertaking. Socialisation workshops were conducted to assist AMS in completing the survey questionnaires and other activities of the ASTFI II.

The results of the ASTFI–TTC II, along with the results of the baseline ASTFI–TTC, will be used to track progress in the trade facilitation environment in ASEAN and to measure change in TTCs in the region.

xiii. Public Version of the ATIGA Impact Report

PDD created a public version of the ATIGA report for publication, based on the official report on the impact of the ATIGA on intra-ASEAN trade submitted to the Coordinating Committee on the Implementation of the ATIGA. Published in August 2021, the public version of the

ATIGA report was an important publication as it shared the ATIGA's impact and valuable contribution to ASEAN economic integration with the private sector.

xiv. Making ASEAN Trade in Services 4.0: Reinvigoration of Supplying Services

During the CCS Special Meeting in October 2021, the CCS requested ERIA to develop specialised programmes by integrating new Fourth Industrial Revolution (4IR) development in the services supplied and conducting technical workshops from 2022 to 2024 to support new, young, and existing ASEAN professionals. The programmes are based on the ASEAN Consolidated Strategy on 4IR and focus on the four business professions with ASEAN Mutual Recognition Arrangements (MRAs) – engineers, architects, accountants, and surveyors – and include government officials. PDD, together with the Centre for the Fourth Industrial Revolution, then developed a programme that was endorsed during the 100th ASEAN CCS Meeting. The first programme is scheduled to be conducted in July 2022.

xv. Study on the Supply and Demand of Professional Services in ASEAN

In October 2021, the CCS requested ERIA to undertake a comprehensive study on the supply and demand of professional services in ASEAN – including accountants, architects, dentists, doctors, engineers, nurses, and surveyors – and ways to enhance the level of interaction and mobility of ASEAN professional services based on

the evolving services trade landscape. The project team developed a questionnaire related to the project and conducted several FGDs for each AMS to ascertain the actual supply and demand of service professionals in ASEAN.

xvi. Comprehensive Study on the Implementation of the MRA on Tourism Professionals (MRA-TP): Challenges and Opportunities

Against the backdrop of the need to continue assessing the relevance of facilitating the mobility of skilled and certified tourism professionals across the region, at the request of the ASEAN Secretariat, PDD conducted a comprehensive assessment of the implementation of the MRA-TP. The study aims to (i) review the objectives of the MRA-TP to ensure its relevance in view of shifting trends and recent developments in global and regional tourism industries; (ii) provide ASEAN policymakers and regulators with a better understanding of the challenges with regard to the mobility of ASEAN tourism professionals and recommendations to overcome those challenges, in particular in response to the implementation of Mode 4 (Movement of Natural Persons) under the ASEAN FTA; and (iii) identify best practices and innovative solutions to maximise the benefits of the MRA-TP to the ASEAN tourism industry. The inception report was presented to the tourism Senior Officials at the special meeting of the ASEAN National Tourism Organisations in December 2021. Since then, Indonesia has approved the inception report as the country coordinator for the study. The final report is expected to be submitted for approval and consideration by the ASEAN Tourism Ministers in September 2022.

xvii. Study to Develop a Framework on Sustainable Tourism Development in ASEAN in the Post-COVID-19 Era

The COVID-19 pandemic has highlighted the vulnerability of the tourism sector. With global challenges such as climate change and loss of biodiversity, whose effects on the tourism sector can be very destructive, the need for a systematic approach to sustainable tourism development becomes urgent. Recognising this, PDD is supporting the ASEAN Secretariat to conduct a study on sustainable tourism in ASEAN within the context of the post-pandemic recovery. An integral part of the study is the development of a framework on sustainable tourism in ASEAN. The framework is expected to fill the knowledge gap and raise awareness amongst AMS to better understand the importance of sustainability in the tourism sector, particularly in implementing a common framework or approach. In addition, it will help policymakers in designing their own models and strategies to support the implementation of sustainable tourism in their respective countries. The inception report was presented to the tourism Senior Officials at the special meeting of the ASEAN National Tourism Organisations in December 2021, and work is well underway to complete the study in September 2022 for approval and consideration by the ASEAN Tourism Ministers.

xviii. NTM Toolkit – Handbook for ASEAN

With the support and cooperation of UNCTAD, PDD and the Research Department developed a framework to review the cost-effectiveness of existing NTMs in ASEAN through the NTM Toolkit.

The initial draft of the NTM Toolkit was presented and submitted to the ATF-JCC at its various meetings in 2020. In December 2020, ERIA and UNCTAD organised an FGD with the objective of seeking views, inputs, and comments from experts and individuals who had worked on NTMs, GRPs, and related issues to develop and improve the draft NTM Toolkit. The participants included experts from ERIA, the ASEAN Secretariat, the ATF-JCC chair, former government officials, think tank experts, and UNCTAD officials. Inputs and recommendations from the group were considered in the completion of the draft final version of the NTM Toolkit. The NTM Toolkit was endorsed by the 53rd ASEAN Economic Ministers Meeting in September 2021.

xix. Online Training on Assessing the Trade Effects of NTMs

PDD and the Research Department conducted a 6-week online training course on assessing the trade effects of NTMs for officials of the Philippine Tariff Commission. This capacity building activity from mid-August to the end of September 2021 was amongst ERIA's continuous commitments to support AMS in evidence-based policymaking efforts. The course introduced the core analytical approaches to measure the prevalence of NTMs and their impact on bilateral trade flows.

xx. Southeast Asia and the WTO

PDD contributed a chapter on 'Southeast Asia and the WTO' for *The Elgar Companion to the World Trade Organization* on AMS commitments under the WTO and the implementation of WTO rules in AMS.

xxi. Elgar Encyclopaedia of International Economic Law

PDD also contributed a country report on Brunei Darussalam to the *Elgar Encyclopaedia of International Economic Law*. The *Elgar Encyclopaedia* is a resource reference on international economic law that encompasses four main sections: the foundations and architecture of international economic law, its principles, its main regulatory areas, and the future challenges it faces. The *Elgar Encyclopaedia* has over 250 entries, with leading scholars and practitioners as contributors. The encyclopaedia is used as a reference on all areas of international economic law and provides a good starting point for research.

Outreach and Dissemination



Communications

The Communications Department aims to raise ERIA's profile and continuously improve contact with stakeholders, including policymakers, academics, the media and the broader public. By taking the lead in coordinating outreach, the work of the Communications Department is spread across all research and policy projects. It works closely with SPP, the Publications Department, and CBP to ensure their outputs are disseminated to the appropriate audiences.

i. Website, Social Media, and Online Presence

The Communications Department continued to expand its digital outreach in FY2021 by producing content, expanding and updating the ERIA website, creating new pages to highlight ERIA's participation in G20, and generating various promotional campaigns through social media. We continue to offer all of our publications for free through Google Scholar. Some of our publications are also featured on the Asia Development Bank Institute website 'Think Asia', ADB SEADS website, UNCTAD E-trade for All, and the World Economic Forum 'Strategic Intelligence platform'.

ii. ASEAN Insights Podcast

Podcasting is a highly effective platform for disseminating research findings, policy recommendations, and opinions. At the end of 2021, the communications team launched ASEAN Insights, ERIA's first podcast series. These are short, informal interviews with ASEAN and East Asian experts about their current work or comments on trending issues.

iii. Videos

Videos have become an increasingly important tool to promote specific projects, explain outcomes, and educate people on specific issues. ERIA uses them in social media, on its website, and at events to provide succinct and engaging content that draws people in to ERIA's research and helps them understand key issues and recommendations. In FY2021, the department created 150 videos, mostly of ERIA events.

iv. Media Relations and Coverage

Media is one of the core channels through which ERIA disseminates its research findings, policy recommendations, and news of its achievements. ERIA's engagement with the media in 2021 included hosting the annual Editor's Roundtable, virtually for the second time. ERIA is in constant contact with the media across ASEAN and East Asia, fielding questions from journalists on a range of issues and responding to their requests for interviews. An understanding of ERIA's research as well as knowledge about politically sensitive topics guides the responses. The Communications Department works with editors to place ERIA op-eds and to distribute press releases.

Some key numbers from 2021 include the following:

- Total media exposure: 269 articles in 110 news outlets.
- Op-eds: 69 titles, published 100 times across 22 media.



v. Increasing Capacity for Online and Hybrid Events

After the first year of managing and hosting events online, the department has become more efficient and sophisticated. It often provides technical guidance to its partners when co-hosting events. It has produced training materials, guidelines, and templates for partners and speakers and has conducted in-house trainings regularly. Events continue to grow in number of participants and, in some cases, have been live-streamed on social media channels. The department has observed a significant increase in the amount of engagement between audience and speakers, usually during the Q&A sessions. This is, in part, due to increased comfort level for the participants but also because ERIA has new programmes such as RKC-MPD, healthcare, and E-S-I, which are more accessible as topics to the public. In 2021, the department started hosting more hybrid events, mixing in-person events with online events. It has also developed a plan for larger hybrid events in the future involving the creation of a new set up for its meeting rooms and purchasing new audio-visual equipment.

vi. Partner Relations

In 2021, the Communications Department worked with the US Library of Congress to identify 223 ERIA publications that would be added to the library's collections. The department also met with representatives of USAID-Indo Pacific Hub, United States Trade Representative, US Department of Commerce, US State Department, The Asia Foundation, French Institute for International Relations, OECD (Paris), Asia House (London), American Chamber of Commerce Asia Pacific, Center for Strategic and

International Studies, US Institute for Peace, Asia Society, Foreign Policy Community of Indonesia, and others.

vii. Global Go-To Think Tank Ranking

As in previous years, the Communications Department supported the Global Go-To Think Tank Program by participating as a member of the planning committees for the Global Think Tank Summit and Asia Think Tank Summit. The department was able to secure high-level speaking roles at the Global Think Tank Summit where ERIA was represented by Ms Lydia Ruddy, director of communications and special advisor for US-ASEAN affairs; The Asia Think Tank Summit, where Dr Antonio Villanueva, senior advisor of ERIA on healthcare policy, delivered the opening remarks; and at the Think Tank Talent for the Future Forum in Dubai. ERIA's Healthcare Unit was included in the Global Go-To Think Tank Rankings Survey for the first time.

Table 1: Social Media Figures

	Campaign	Impression
Facebook	238	78,888
LinkedIn	223	197,492
Twitter	279	224,794

	Followers	% Increase
Facebook	4,651	+ 8.9%
LinkedIn	4,335	+ 57%
Twitter	1,767	+ 14.5%

xiii. Communications Publications

Event Reports is a category of publication developed in 2020 as part of the ASEAN on Point public forums to summarise key policy recommendations from the forums. In FY2021, other departments and events also started producing event reports. ERIA Frames, ERIA's electronic subscription newsletter, was distributed regularly to over 10,000 contacts. Every year, the Communications Department produces a compilation of summaries of ongoing research projects. The department has also created several op-eds and guided others in the drafting of op-eds and policy briefs.

ix. Communications Department Events

Events are one of the key modes through which ERIA's research and policy recommendations engage key stakeholders. Increasingly, the Communications Department has been organising and hosting a wide

range of roundtables, discussions, and briefings to highlight the work of ERIA's experts. In FY2021, it continued ASEAN on Point in partnership with the ASEAN Secretariat to address issues of importance to ASEC by providing a platform for public input and engagement. Each event produces a video of the webinar and an event report that includes policy recommendations.

x. Knowledge Management

ERIA's research and expertise require a high level of organisation so that publications and information can be easily accessed. To that end, the Communications Department manages the library of in-house publications as well as external newspapers and publications that researchers can use as reference materials. The department also maintains an archive of ERIA events housed physically and digitally in the Information Centre.

Publications

In FY2021, ERIA produced 18 key reports related to the COVID-19 pandemic that can be found online at: <https://www.eria.org/research/topic/covid-19>

In FY2021, ERIA published 26 research project reports; 62 discussion papers; and seven policy briefs. Most of ERIA's publications in FY2021 included updates for developments due to the COVID-19 pandemic.

ERIA produced a total of nine books in FY2021, four of which as sole publisher:

- Coping with Rapid Population Ageing in Asia
- Impact of the ASEAN Trade in Goods Agreements (ATIGA) on Intra-ASEAN Trade
- 13th Asia-Europe Meeting (ASEM) Summit (also translated into Khmer)
- Rethinking Asia's Low-Carbon Growth in the Post-Covid World: Towards a Net-Zero Economy

The Institute also continues to promote and expand its research by publishing with first-rate global publishers and in FY2021 ERIA co-published five books:

- Globalisation and its Economic Consequences: Looking at APEC Economies (with Routledge)
- Intellectual Property Rights and ASEAN Development in the Digital Age (with Routledge)
- COVID-19 in Indonesia: Impacts on the Economy and Ways to Recovery (with Routledge)
- Energy Sustainability and Climate Change in ASEAN (with Springer)
- Handbook on East Asian Economic Integration (with Edward Elgar)

Planning and Coordination Department

Similar to the last year, the Planning and Coordination Department has been focusing its works to ensure the communication and collaboration between ERIA and its main stakeholders remains intact. Due to the ongoing pandemic, FY2021 marked the second year in which it played a role in facilitating ERIA's collaboration with the Governing Board (GB) members who represented the 16 ERIA member countries, the Secretary-General of ASEAN, Academic Advisory Council (AAC) members, and Research Institute Network (RIN) members, related to the preparation and implementation of their annual meetings which were conducted virtually. The Ambassadors Meeting of ERIA Member States and Dialogue Partners were also conducted virtually for the first time since the start of the pandemic. These meetings were successfully conducted in collaboration with the Communications Department.

The annual institutional meetings discussed how ERIA can play an active role in responding to the aftermath of COVID-19 and support the region's recovery especially in understanding the future of Southeast and East Asian integration more deeply. Continuing the dissemination

of ERIA reports and publications to the GB members, AAC members, RIN members and Ambassadors of ERIA member states and Dialogue Partners, ERIA's publications were distributed both digitally and by post to keep the main stakeholders updated about ERIA's research and activities.

The Planning and Coordination Department is also in charge of organising ERIA's seminars and symposia, which aim to (i) contribute to the Chair of ASEAN; (ii) advocate findings for research where ERIA was involved, (iii) seek inputs from academia as requested by senior government officials in the region, and (iv) promote ERIA as an international organisation with a crucial role in East Asian integration. Unfortunately, most of the outreach events were cancelled or held online due to the pandemic, but the ERIA-YNG Social Impact Idea Competition (EYIC) was hosted in collaboration with Young President Organization (YPO) Next Generation Japan (YNG Japan) for the very first time. Twenty-nine young entrepreneurs with a passion for developing innovative solutions to solve social problems came head-to-head virtually last August and presented their

social action ideas. This competition was held to support and encourage young people to create innovative solutions to the world's socio-economic challenges, and

nurture young leaders by boosting their creativity and increasing their awareness of development gaps in the region.



Capacity Building

Despite the challenges of the ongoing COVID-19 pandemic, the Capacity Building (CB) Programme (CBP) continued to design innovative programming in response to needs and requests. By making use of ICT platforms, online and hybrid activities were delivered to the primary target audience of government officials but CBP was also able to broaden out its reach to the private sector. In this way, the CBP fulfilled its mandate of being a bridge between ERIA research and expertise and government officials.

By the end of the year, over 500 government officials had participated in CB activities based around three components: Component 1: ERIA Research; Component 2: ASEAN and Regional Priorities; and Component 3: Increase Research Capacity. In addition, around 120 members of the public, primarily the business community, participated through public-private dialogue events held.

Component 1: Participation in Research

Integrating government officials into research under Component 1 continues to be beneficial for officials to understand the complexities of ERIA research. Throughout the year officials continued to participate in ERIA studies, 'Cities, Urban Amenities and Global Production Value Chain' and 'Vulnerability Analysis: Challenges and Policy Gaps in the Structural Transformation'. Through CB, officials also observed the ASEAN Secretariat led study, 'Enhancing Food Supply Chain Resilience and Food Security in ASEAN with Utilization of Digital Technologies.'

Component 2: ASEAN Priorities

In line with ASEAN and regional priorities, the CBP held several activities to support the recently ratified Regional Comprehensive Economic Partnership (RCEP). In partnership with the Cambodian government, the CBP launched a series of public-private dialogues focusing on five key themes of RCEP. By the end of FY2021, dialogues

on E-commerce and Rules of Origin (ROO) had been held. The CBP also supported RCEP by facilitating workshops on Transposition of Tariff Commitment from ASEAN Harmonized Tariff Nomenclature (AHTN) and the Rules of Origin, as well as conducting a regulatory gap analysis with commitments under the e-commerce chapter. In relation to ASEAN's Trade in Services Agreement (ATISA), the CBP conducted workshops around the Negative List Approach.

Component 3: Increase Research Capacity

To increase officials' research capacity, the CBP focus was to support government officials develop strategies for addressing COVID-19. Two webinars were held for each of Cambodia and Lao PDR around, 'Unlocking the Lockdown: Alignment of Domestic and Regional Policies.' The CBP is also running an ongoing policy modelling training series around RCEP Implementation in Cambodia.

The Capacity Building Programme continues to be funded through a grant from the Australian Government.



Strategy and Partnership Programme

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-ups eco-systems, economic empowerment of women, disability, and social inclusion. SPP also contributes to strengthening and widening the collaboration with stakeholders in the region to advocate ERIA's work more broadly.

A. Post-Economic Recovery Policy Dialogues in Collaboration with ASEAN+6 Stakeholders

The SPP contributed to developing and strengthening partnerships and strategic outreach with key stakeholders. A number of policy dialogues and peer learning activities to discuss policy initiatives in catalysing the post-economic recovery of Covid-19 was conducted in partnership with relevant ASEAN+6 and international organisation stakeholders. Examples include:

- A webinar jointly organised with OECD, as part of a series on G20 economies during the year of the Italian Presidency of the G20 was conducted on 13 July 2021.¹ SPD represents ERIA to discuss the COVID-19 economic consequences in Indonesia and several strategies to rebuild the economy emphasising digital economy and human development skills. ERIA
- also partnered with the OECD to contribute to two side events of the OECD Southeast Asia Regional Programme (SEARP) Ministerial Conference held on 4 and 8 February. SPP together with the OECD Directorate for Science, Technology and Innovation held the online panel discussion 'Gearing up for a Post-Pandemic World: Designing Policies for an Innovative Sustainable Recovery in East and Southeast Asia.'²
- Participation in the ASEAN Creative Economy Business Forum (ACEBF) that was conducted by the Indonesian Ministry of Foreign Affairs in collaboration with the Ministry of Tourism and Creative Economy was held from 17–18 November 2021. SPD was invited as a speaker to discuss the pivotal role of STEM and the interconnectedness between the digital and creative economy and the emergence of innovation ecosystems across ASEAN.³
- In collaboration with the CIIE.CO, a leading innovation centre and incubator at the Indian Institute of Management in Ahmedabad with the support of the Government of India's Department of Science and Technology and the Government of Gujarat, ERIA SPP conducted peer learning across ASEAN–India. The four online dialogues covering themes of incubators as catalysts of innovation, healthtech, agritech, and women's role in the digital economy were conducted

1 <https://www.eria.org/news-and-views/eria-discusses-findings-of-recent-oecd-economic-survey-of-indonesia/>

2 ERIA Contributes to the OECD Southeast Asia Ministerial Conference Discussions - News and Views : ERIA

3 <https://www.eria.org/news-and-views/the-digital-creative-economy-can-be-a-driver-of-the-post-pandemic-economy-in-asean/>

from June 2021 to January 2022. The first report presents a comparative analysis of incubation ecosystems in ASEAN and India, also featured on the Asian Development Bank/South East Asia Development Solutions (ADB SEADS) website.⁴

Other reports – on healthtech, agritech, and women’s role in the digital economy – are being finalised.

- Participation in the Viet Nam Industry 4.0 Summit was held in November 2021. SPP was engaged and delivered the key trends for the future of innovation and entrepreneurship in ASEAN with a focus on skills development, bridging digital divides, and cross-border collaborations in that high-level for a.⁵
- A webinar was organised jointly with the Asian Network on the Future of Education and Skills in Asia on 10 March 2022. His Excellency Hang Chuon Naron, Minister of Education, Youths, and Sports department in Cambodia gave special opening remarks in this webinar.

B. Entrepreneurship-Startup-Innovation (E-S-I)

To discuss how innovation, start-up creation, and entrepreneurship are contributing to shape the post-pandemic recovery, SPP developed a webinar series titled ‘Entrepreneurship-Startup-Innovation’ or E-S-I. The 10 episodes of the E-S-I webinar series were conducted

from March to November 2021, bringing together a diverse group of stakeholders including start-up companies, policymakers, academics, and experts from the region. The 40 participating speakers came from different private institutions as well as relevant public and international organisations including UNESCAP, ASEAN Business Youth Association, Asian Network, OECD, ADB, UNDP, and the ministries of education of Brunei and Thailand. The webinar series attracted more than 2,000 participants from ASEAN and East Asia.⁶ SPP produced two reports⁷ summarising the main findings and take-away messages from the series. They detail how to shape and catalyst the future of an inclusive E-S-I ecosystem, as also featured in E-trade for All by UNCTAD.⁸

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

SPP continues to develop analytical work and policy dialogues on the participation of women in the economy. Key actions included:

- In collaboration with the ADB SEADS 2022, a webinar on ‘Women Driving Sustainable Transformation in ASEAN’ during the high-level symposium held on 16 March 2022.

⁴ <https://seads.adb.org/report/building-prolific-entrepreneurship-ecosystems-shared-lessons-india-and-asean>

⁵ <https://www.eria.org/news-and-views/entrepreneurship-and-innovation-key-trends-during-the-viet-nam-industry-40-summit/>

⁶ <https://www.eria.org/news-and-views/fostering-next-gen-entrepreneurs-and-innovators-e-s-i-webinar-10/>

⁷ <https://www.eria.org/publications/entrepreneurship-start-ups-and-innovation-e-s-i-in-asean-and-east-asia-catalysing-collaborations-and-partnerships-for-scale-ups-ep6-10/>

⁸ <https://etradeforall.org/publications/>

- In commemoration of International Women's Day, SPP was involved in the 'International Women's Day 2022: Break the Bias in TVET and STEM.' This webinar aims to raise awareness of women in science, technology, and engineering. It was held by Prospera and Ministry of Industry Indonesia in March 2022.
- In partnership with the Asian Network, SPP held an online event to support the empowerment of women and the UN Sustainable Goal Five, gender equality. It brought together Professor Akiko Yamanaka, Special Adviser to the President of ERIA and Former Vice Minister of Foreign Affairs of Japan, along with 12 female leaders from Asia who shared their expertise on leadership, entrepreneurship, youth, and technology in October 2021. The event was followed by an op-ed summarising key findings which was published on the World Economic Forum website and in ASEAN media.⁹
- Two episodes of the E-S-I webinar series were dedicated to women in e-commerce and participation of women in the digital economy.

D. Social Enterprises and Disability

Social Enterprises (SE) has emerged as a phenomenon that could offer innovative solutions to social problems in this context narrow the disparity for person with disability (PwD) who face obstacles in accessing education, workforce, social protection services and legal support. SPP produced a research report and a policy brief with theme Social Enterprises and Disability 'Fostering Innovation, Awareness, and Social Impact in the ASEAN Region'.¹⁰ The dissemination event dedicated on this issue was conducted on 8 December 2021, H.E. Will Nankervis, Australian Ambassador to ASEAN, delivered a special welcoming-remarks. The policy brief is also featured in the ADB SEADS website.¹¹ In addition, SPP also presents the key finding of this research on the side event the OECD Southeast Asia Regional Programme (SEARP) Ministerial Conference taking place in Seoul, Korea on 9 February 2022.¹² This programme was organised jointly by ERIA and OECD.

⁹ <https://www.weforum.org/agenda/2021/12/fourth-industrial-revolution-post-pandemic-recovery-gender-equality/>

¹⁰ <https://www.eria.org/news-and-views/social-enterprises-and-inclusive-societies-for-persons-with-disabilities-e-s-i-special-episode/>

¹¹ <https://seads.adb.org/paper/social-enterprises-and-disability-fostering-innovation-awareness-and-social-impact-asean>

¹² <https://www.eria.org/news-and-views/eria-contributes-to-the-oecd-southeast-asia-ministerial-conference-discussions/>

Annexes







Annex A

Governing Board (as of 19 July 2022)

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.

ASEAN	Dato Paduka Lim Jock Hoi	Secretary-General of ASEAN
Australia	Ms Elisabeth Bowes	First Assistant Secretary and Chief Negotiator, Regional Trade Agreements Division, Department of Foreign Affairs and Trade
Brunei Darussalam	Ms Hajah Latifah Haji Mahmud	Acting Director-General of Department of Economic Planning and Statistics, Ministry of Finance and Economy (MOFE)
Cambodia	H.E. 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	Mr Rohan Shah	Practising Counsel in Supreme Court and Bombay High Court
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)
Korea	Mr Tae-Shin Kwon	Vice Chairman and CEO, the Federation of Korean Industries (FKI)

Lao PDR	Dr Leeber Leebouapao	Chairman of the Planning, Finance, and Audit Committee, National Assembly of Lao PDR
Malaysia	Prof Tan Sri Dato' Seri Dr Noor Azlan Ghazali	Head of the Economics and Management Cluster at the National Council of Professors; Professor of Finance and Economist at Universiti Kebangsaan Malaysia
Myanmar	H.E. Mr Than Aung Kyaw	Deputy Minister for Investment and Foreign Economic Relations Ministry of Investment and Foreign Economic Relations of Myanmar
New Zealand	Dr Alan Bollard	Professor of Practice at the Victoria Business School, Former Executive Director of the APEC Secretariat, Former Governor of the Reserve Bank of New Zealand
Philippines	Dr Cielito F Habito	Professor of Economics at the Ateneo de Manila University, Chairman of Brain Trust Inc., and Former Secretary (Minister) of Socioeconomic Planning of the Philippines
Singapore	Ambassador Barry Desker	Distinguished Fellow, S. Rajaratnam School of International Studies, Nanyang Technological University
Thailand	Dr Sansern Samalapa	Vice Minister for Commerce of Thailand
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 on:

- 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 programs; and
- While ERIA will seek the best available talent for its research activities, it will look especially for participation from among RIN members.

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
Korea	Korea Institute for International Economic Policy (KIEP)	kiep.go.kr
Lao PDR	National Institute of Economic Research (NIER)	neri.gov.la
Malaysia	Institute Strategic International Studies (ISIS) Malaysia	isis.org.my
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	Brunei National Energy Research Institute (BNERI)	bneri.org.bn
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)	mier.org.my
Myanmar	Ministry of Electricity and Energy	moep.gov.mm
Philippines	University of the Philippines National Engineering Center (UPNEC)	upnec.com

Singapore	Energy Research Institute (ERI), Nanyang Technological University (NTU)	erian.ntu.edu.sg
Thailand	Chulalongkorn University (CU)	chula.ac.th
Viet Nam	Institute of Energy (IE)	ievn.com.vn
Australia	Australian National University (ANU)	anu.edu.au
China	Centre of Energy and Environment Policy Research (CEEP), Beijing Institute of Technology (BIT)	ceep.net.cn
India	The Energy and Resources Institute (TERI)	teriin.org
Japan	The Institute of Energy Economics, Japan (IEEJ)	eneken.iecej.or.jp
Korea	Seoul National University (SNU)	en.snu.ac.kr
Mongolia	Mongolian Energy Economic Institute (MEEI), Ministry of Energy (MOE),	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

ERIA Officials, Researchers, Associates, and Staff

OFFICE OF THE PRESIDENT



Hidetoshi Nishimura

President



Anita Prakash

Senior Policy Advisor for
International Economic
Cooperation (IEC)



Fusanori Iwasaki

Executive Assistant to the
President

EXPERTS



Fukunari Kimura

Chief Economist



Shujiro Urata

Senior Research Advisor
to the President



Hiroki Nakatani

Senior Advisor to the President
on Healthcare Service



Jun Arima

Senior Policy Fellow for Energy
and Environment



Shigeru Kimura

Special Advisor on Energy
Affairs

EXPERTS



Fumitaka Machida

Financial Expert and Senior Fellow of Healthcare Service



Takuma Kato

Director for Healthcare and Long-Term Care Policy



Yoshie Hirose

Director of Healthcare Services



Antonio Fredelindo Dela Resma Villanueva

Senior Advisor on Healthcare Policy



Lili Yan Ing

Lead Advisor (Southeast Asia Region)



Dionisius A. Narjoko

Senior Economist



Fauziah Zen

Senior Economist



Venkatachalam Anbumozhi

Director of Research Strategy and Innovation



Han Phoumin

Senior Energy Economist



Lurong Chen

Senior Economist



Ikumo Isono

Senior Economist



Doan Thi Thanh Ha

Economist



Rashesh Shrestha

Economist



Keita Oikawa

Economist



Alloysius Joko Purwanto

Energy Economist

EXPERTS



Keisuke Ueda

Senior Policy Advisor, Energy



Michikazu Kojima

Senior Advisor to the President
on Environmental Issues



Masahito Ambashi

Research Fellow



Yanfei Li

Research Fellow



Yasushi Ueki

Research Fellow



Takuya Fujita

Senior Policy Advisor, East Asia
Industrial Corridor



Aladdin D. Rillo

Senior Economic Advisor



Masanori Kozono

Policy Fellow, Agriculture



Salvador Buban

Policy Fellow



Intan Murnira Ramli

Policy Fellow



Tran Dong Phuong

Senior Policy Advisor



Ayako Mizuno

Programme Manager

KEY STAFF



Koji Hachiyama

Chief Operating Officer, Director General of Administration, Personnel, & Outreach Depts.



Taizo Hara

Director General for Research and Policy Design Administration



Daisuke Tsukao

Deputy Director General for ASEAN and East Asian Affairs



Sumie Hoshide

Deputy Director General for Finance and Administration and Financial Director



Kavi Chongkittavorn

Senior Communication Advisor



Jeremy Gross

Director of Capacity Building



Giulia Ajmone Marsan

Strategy and Partnership Director



Lydia Ruddy

Director of Communications



Stefan Wesiak

Chief Editor and Publication Director

RESEARCH ASSOCIATES



David Christian
Research Associate



**Siti Mustaqimatud
Diyannah**
Research Associate



Ellen Putri Edita
Research Associate



Hendro Putra Johannes
Research Associate



Michelle Chandra Kasih
Research Associate



Dian Lutfiana
Research Associate



Ivana Markus
Research Associate



Pyan Amin Muchtar
Research Associate



Rudhian Chlissma Putra
Research Associate



**Muhammad Raihan
Ramadhan**
Research Associate



**Militcyano Samuel
Sapulette**
Research Associate



Edo Setyadi
Research Associate



**Citra Endah Nur
Setyawati**
Research Associate



Yuanita Suhud
Research Associate

KEY STAFF



Yukako Idehara

Planning and Coordination
Manager



Mizue Dobashi

Manager for Payroll and
Internal Check



Shoko Misaka

Manager of Healthcare Service



Asuka Nagatani

Senior Policy Officer of Healthcare
and Long-Term Care Policy



Hera Diani

Communication Expert



Handayani

Planning and Coordination
Supervisor



Tyagita Silka Hapsari

Communications Supervisor



Irene Juitania

Legal Specialist



Ashri Nadia

Supervisor for COO



Fadriani Trianingsih

Editorial and Publication
Coordinator



Lina Maulidina Sabrina

Programme Officer



Amelia Litania

Programme Officer



Putti Ananda Hiswi

Coordinating Officer



Annisa Nadhilah Utoro

Coordinating Officer



Annex F

Summit Statements in FY2021

THE OECD SEARP Ministerial Conference

9-10 February 2022

JOINT COMMUNIQUÉ of the OECD SEARP Ministerial Conference Seoul

30. **We recognised the importance of making use of the knowledge and experience of the regional partner organisations such as the ADB, UNESCAP, APEC, AMRO, ERIA and development agencies as well as the OECD Tokyo Centre in facilitating an effective and sustainable implementation of the OECD SEARP.** We will continue to strengthen our collaboration building upon recently concluded or renewed MoUs with most of these regional partners. We called for the SEARP Steering Group to examine ways to collaborate with development partners active in Southeast Asia and report back on progress in implementation at the next Steering Group Meeting in 2022.

THE 25th MEETING OF ASEAN TOURISM MINISTERS

19 January 2022

Joint Media Statement of the 25th MEETING OF ASEAN TOURISM MINISTERS

Positioning ASEAN as a Single Tourism Destination by 2025

16. The Meeting noted the Report on the Viability Study of the Regional Secretariat to Implement the MRA-TP and its recommendations contained therein prepared by the MRATP Consultant. The Meeting took note of the development progress of Competency Standards and toolboxes for the ASEAN Competency Standards for MICE and Event Professionals, which cover 32 job titles with 86 New Competencies Standard (55 MICE and 31 Event). **The Meeting also noted that in conjunction with the 10th anniversary of the MRA-TP, the ASEAN NTOs are engaging the Economic Research Institute for ASEAN and East Asia (ERIA) to undertake a Comprehensive Study on the Implementation of the MRA-TP: Enhanced Mechanism for Tourism Professionals with the key objective to ensure that the MRA-TP is relevant in view of the shifting trends and recent global developments in the tourism industry.** In this connection, the Meeting looked forward to the assessment and recommendations of the Comprehensive Study by the end of 2022 as a Priority Economic Deliverable of Cambodia's ASEAN Chairmanship in 2022.

Enhancing ASEAN Sustainable and Inclusive Tourism

20. **The Meeting commended the work towards the development of a study on sustainable tourism in ASEAN within the context of a post-pandemic recovery, through the support of ERIA.** The Meeting further noted that the Study provides a systematic approach towards the development of a framework and list of policy recommendations to promote sustainable tourism in the region. The framework is expected to fill the knowledge gap and raise awareness among ASEAN Member States to better understand the importance of sustainability in the tourism sector, particularly in implementing a common framework or approach. In this regard, the Meeting also welcomed the inclusion of the Framework on Sustainable Tourism Development in ASEAN in Post-COVID-19 Era as a Priority Economic Deliverable of Cambodia's ASEAN Chairmanship in 2022.

THE 16TH EAST ASIA SUMMIT

27 October 2021

CHAIRMAN'S STATEMENT OF THE 16TH EAST ASIA SUMMIT

Environment and Energy

8. We welcomed the productive outcomes of the 15th EAS Energy Ministers' Meeting hosted by Brunei Darussalam on 16 September 2021 via videoconference. We noted with satisfaction the implementation of concrete initiatives in working towards a sustainable energy future for the EAS region under the three work streams of the EAS Energy Cooperation Task Force (ECTF), namely, Energy Efficiency and Conservation, Biofuels FINAL 3 for Transport and Other Purposes, and Renewable and Alternative Power Generation. We looked forward to the initiatives contributing to energy transition in the EAS region on the promotion of innovative technologies and low carbon societies, including hydrogen, carbon recycling, and carbon capture, utilisation and storage (CCUS). We welcomed the successful convening of the New Energy Forum by China via videoconference and looked forward to the convening of the Clean Energy Forum by China scheduled this year. We noted that there is no single pathway to achieve a low carbon economy, but rather there are diverse paths for each country. We emphasised the need to explore a variety of options and utilise all fuels and technologies to ensure a secure and stable supply of energy for achieving economic growth. **We appreciated the continued contributions of the Economic Research Institute for ASEAN and East Asia (ERIA) in implementing the EAS Mid-Term Energy Policy Research Roadmap 2019 - 2021 for the three EAS ECTF work streams. We welcomed the successful convening of the 4th East Asia Energy Forum (EAEF4) co-organised by ERIA and Brunei Darussalam on 13 September 2021 via videoconference that focused on the low carbon energy transition in the ASEAN region.** We looked forward for the convening of the 5th East Asia Summit Clean Energy Forum

to be held in Chengdu, China on 25 – 26 November 2021. **We also welcomed the successful convening of the 1st Asia CCUS Network Forum co-hosted by ERIA and Japan on 22 – 23 June 2021 via videoconference, as well as the Asia Green Growth Partnership Ministerial Meeting hosted by Japan on 4 October 2021 via videoconference.** We further encouraged enhancing EAS energy cooperation in line with the ASEAN Plan of Action for Energy Cooperation (APAEC) Phase II: 2021-2025.

Economic Cooperation and Trade

23. We commended ERIA for its continued research and analysis on key regional economic issues that support economic integration and digital economy in the region. We welcomed the report of the 14th ERIA Governing Board Meeting held on 12 October 2021, which highlighted the approaches and strategies that promote physical and digital connectivity that ASEAN and East Asia should pursue to establish the “new normal” in ensuring a strengthened and resilient economic environment in the region. We encouraged ERIA to continue providing for the Chair of the ASEAN Summit and the EAS its support and targeted high-quality research and actionable policy recommendations that highlight and address the ERIA’s paper on “Supply Chain Resilience and Post-Pandemic Recovery in the East Asia Summit region” to EAS Economic Ministers.

THE 24th ASEAN-JAPAN SUMMIT

27 October 2021

CHAIRMAN’S STATEMENT OF THE 24th ASEAN-JAPAN SUMMIT

15. We welcomed the support of the Economic Research Institute for ASEAN and East Asia (ERIA) in promoting our close economic partnership and Japan’s contribution to the Institute.

17. We welcomed the successful convening of the ASEAN Connectivity Coordinating Committee (ACCC) Consultations with Dialogue Partners and Other External Partners on Connectivity and the 12th ASEAN Connectivity Symposium, with support from the ERIA, on 25 and 26 August 2021, respectively.

22. ASEAN expressed appreciation for Japan’s continued support to combat marine plastic debris through the ASEAN Plus Three Marine Plastics Debris Cooperative Action Initiative, as well as the efforts of the Regional Knowledge Centre for Marine Plastic Debris at the ERIA.

THE 24TH ASEAN PLUS THREE SUMMIT

27 October 2021

CHAIRMAN'S STATEMENT OF THE 24TH ASEAN PLUS THREE SUMMIT

21. **We noted the successful convening of the ASEAN Connectivity Coordinating Committee (ACCC) Consultations with Dialogue Partners and Other External Partners on Connectivity and the 12 th ASEAN Connectivity Symposium, with support from the Economic Research Institute for ASEAN and East Asia (ERIA), on 25 and 26 August 2021, respectively.**

27. **We 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).** We noted with appreciation the activities of the Private Sector FINAL 8 Platform by RKC-MPD to promote the collaboration between policymakers and business sectors to tackle the marine plastic issue.

THE TWENTIETH FIRST AMAF PLUS THREE

27 October 2021

JOINT PRESS STATEMENT

9. **The Meeting expressed their appreciation to the Economic Research Institute for ASEAN and East Asia (ERIA) for their support and contribution in conducting the research projects on the utilization of digital technologies for food value chain resilience and the development of the cold chain in ASEAN, including the conduct of the knowledge sharing workshops. The Meeting also thanked ERIA for the support in formulating the ASEAN Guidelines on Promoting the Utilisation of Digital Technologies in the Food and Agriculture Sector and looked forward to the continued collaboration in other priority areas such as food systems and sustainable agriculture.**

THE FORTY-THIRD MEETING OF THE ASEAN MINISTERS ON AGRICULTURE AND FORESTRY

27 October 2021

JOINT PRESS STATEMENT

10. The Meeting noted with satisfaction the endorsement of the ASEAN Guidelines on Promoting the Utilisation of Digital Technologies for ASEAN Food and Agricultural Sector that will equip the ASEAN with recommendations and implementation considerations for making an informed decision that will shape agriculture's digital transformation in the region. The Guidelines will outline conditions and actions needed to make use of digital technologies for agriculture and food system improvements, including interventions to facilitate digital technology uptake in the food and agricultural sectors. In this regard, the Meeting appreciated the support of the Economic Research Institute of ASEAN and East Asia in the preparation of the Guidelines.

THE 38TH AND 39TH ASEAN SUMMITS

26 October 2021

CHAIRMAN'S STATEMENT OF THE 38TH AND 39TH ASEAN SUMMITS

A. Global ASEAN

66. We acknowledged the contribution of the Economic Research Institute for ASEAN and East Asia (ERIA) to ASEAN, in particular, its support to the development of Brunei Darussalam's two (2) PEDs, namely the Framework on Circular Economy for the AEC; and the NTM Toolkit in cooperation with UNCTAD. We also appreciated ERIA's assistance and support through research and studies that contribute to ASEAN's economic priorities, including but not limited to the upgrade of the ATIGA, addressing issues pertaining to the mobility of professionals in ASEAN Member States especially in relation to the 4IR, the follow-up work on the ASEAN Seamless Trade Facilitation Indicators - Trade Transactions Cost (ASTFI-TTC II), and supply chain resilience.

Asia Green Growth Partnership Ministerial Meeting

4 October 2021

Chair's Summary

Efforts for Energy Transitions in Asia

8. We noted the importance of supporting each country to proactively and timely chart its own pathway to sustainable energy transitions with social equity and inclusiveness at its centre, which reflects its national circumstances, its sustainable development path, and its commitments for the Paris Agreement, and the Sustainable Development Goals (SDGs). We emphasised the opportunities presented by such pathways to reduce inequality through inclusive energy access; create new jobs and employment opportunities, support economic growth and prosperity, and protect ecosystems by ensuring the sustainable use of resources. We also noted the importance of empowering people by ensuring gender equality and addressing the essential energy needs of vulnerable people including children, youth, local communities and other vulnerable populations.

In this regard, we acknowledged the collective efforts and contributions by several international organisations and welcomed the readiness of international organisations and research institutes such as the IEA and ERIA to share knowledge and provide support to each country in considering its own pathway for energy transitions.

THE 15th EAST ASIA SUMMIT ENERGY MINISTERS MEETING

16 September 2021

JOINT MINISTERIAL STATEMENT

6. **On the 'Biofuels for Transport and Other Purposes' work stream, the Meeting looked forward to the results of the Joint Economic Research Institute for ASEAN and East Asia (ERIA) study on the Analysis of EAS Future Mobility Fuel Scenario considering the sustainable use of biofuels and other alternative vehicle fuels.** The Meeting noted that the consumer surveys underway in Thailand, Philippines, Malaysia, and Viet Nam are helping understand consumer awareness and attitudes towards renewable energy, including consumer willingness-to-pay for higher shares of renewable electricity supply. The Meeting looked forward to the results of similar surveys in Indonesia and follow-up analysis in Malaysia.

11. On the promotion of innovative technologies and low carbon societies, the Meeting expressed appreciation to Japan for its continued advocacy on the development of hydrogen and mobility decarbonisation technologies. **Recognising the importance of promoting carbon capture, utilisation and storage (CCUS) and carbon recycling, the Meeting noted the successful launch of the Asia CCUS Network during the 1st CCUS Network Forum co-hosted by ERIA and METI-Japan last June 2021.** They looked forward to the capacity building activities, and case studies under this initiative.

12. **The Meeting noted the contributions of ERIA towards energy policy research activities in the EAS region through the implementation of the rolling 3-year Roadmap on EAS Mid-Term Energy Policy Research for 2019-2021, including analyses on the impact of the pandemic on the EAS region and the updated EAS energy outlook, as well as the voluntary preliminary scenario building analyses on low carbon energy transition roadmaps conducted with the Institute of Energy Economics, of Japan (IEEJ).**

The Meeting also welcomed the successful convening of the 4th East Asia Energy Forum (EAEF4) focusing on the low carbon energy transition in the ASEAN region on 13 September 2021 organised by ERIA and Brunei Darussalam and noted the "Brunei Reflections from the EAEF4".

THE NINTH EAS ECONOMIC MINISTERS' MEETING

15 September 2021

JOINT MINISTERIAL STATEMENT

8. **The Meeting commended Economic Research Institute for ASEAN and East Asia (ERIA) for its significant contribution, through the studies and research activities that support regional economic issues.** The Meeting noted ERIA's paper on "Supply Chain Resilience and Post-Pandemic Recovery in the East Asia Summit region". Reemphasizing the need for greater collaboration to deal with the adverse impact of the COVID-19 pandemic, the Meeting welcomed ERIA to continue supporting the EAS process through its research.

THE 27 AEM-METI CONSULTATIONS

15 September 2021

JOINT MINISTERIAL STATEMENT

10. **The Meeting also acknowledged the contribution of Japan to the Economic Research Institute for ASEAN and East Asia (ERIA), which continued to support and contribute to ASEAN economic integration and AEC-building efforts.**

THE 53rd ASEAN ECONOMIC MINISTERS' (AEM) MEETING

8-9 September 2021

JOINT MINISTERIAL STATEMENT

We Care, We Prepare, We Prosper: Brunei Darussalam's Priority Economic Deliverables

14. **The Meeting welcomed the development of the Framework for Circular Economy for the ASEAN Economic Community and acknowledged the efforts of the ASEAN Secretariat and the Economic Research Institute for ASEAN and East Asia (ERIA).** The Framework will provide a clear understanding and prioritisation of work on circular economy in the AEC, taking into account related ongoing initiatives and existing mechanisms for cross-pillar and cross-sectoral coordination. The Meeting agreed on the importance of implementing this Framework to ensure that concrete benefits ADOPTED 5 are achieved. The Meeting noted that a Consultative Workshop on Circular Economy was held on 30 June 2021 to gather inputs from relevant ASEAN sectoral bodies, as well as the private sector. The Meeting recognised that the support of the sectoral bodies and broader stakeholders would be crucial in the implementation of the Framework.

Trade Facilitation

18. The Meeting commended the progress made in addressing the trade barrier effects of NTMs in the region; the establishment of the Independent NTM Panel/Rapporteurs as alternative mechanism to resolve NTM cases; strengthened notification procedures for draft NTMs; the progressive resolution of outstanding cases in the Matrix of Actual Cases (MAC) on NTMs/trade barriers; validating/ uploading NTMs onto the ASEAN Trade Repository/National

Trade Repository (ATR/NTR), and enhancing the utilisation of ASEAN Solution for Investment, Services, and Trade (ASSIST), among others. The Meeting noted the completion of the Baseline Study of the ASEAN Seamless Trade Facilitation Indicators (ASTFI) and Trade Transaction Cost (TTC) and urged AMS to redouble efforts to submit the required data for the Follow-up Study on ASTFI and TTC (ASTFI-TTC II) within this year. **The Meeting also noted that the public version of the ASTFI Baseline Study report reflecting the state of trade facilitation in all AMSs in 2018 has been finalised and published at the websites of the ASEAN Secretariat and ERIA.** The public version is produced for the purpose of raising the public's awareness of ASEAN's trade facilitation initiatives.

Collaborating with Development Partners

- Economic Research Institute for ASEAN and East Asia (ERIA)

40. **The Meeting thanked ERIA for its continued support and contribution to ASEAN economic integration and AEC-building efforts, the most notable of which is the support it has given in the development of Brunei Darussalam's two PEDs, i.e., the Framework on Circular Economy under the AEC and the Non-Tariff Measures (NTMs) Cost-Effectiveness Toolkit for ASEAN (NTM Toolkit), which was done in cooperation with UNCTAD. The Meeting noted that through its research activities, ERIA has also contributed studies on, among others, (i) an Assessment of the Impact of the ATIGA on Intra-ASEAN Trade, which is a component of the ATIGA General Review; (ii) Enhancing the Utilisation of ASEAN MRAs in Facilitating Mobility of Professionals in ASEAN, which includes identifying existing regulatory barriers to mobility of professionals in AMS; (iii) the Impact of Fourth Industrial Revolution (4IR) on Evolving Services Trade Landscape and Mobility of Professionals, which would encourage improvement in movement of ASEAN professionals in ASEAN; (iv) the follow-up study on ASEAN Seamless Trade Facilitation Indicators and Trade Transaction Cost (ASTFITTC II) that would help determine the reduction by 10% in trade transactions cost in the region by 2020; and (v) "UK-ASEAN Trade: Strengthening the Supply Chain Linkages" - a study of UK-ASEAN supply chains that emanate from ASEAN's regional objectives and frameworks for strengthening and deepening ASEAN's economic resilience. ERIA, in cooperation with the Coordinating Committee on Services (CCS) and the ASEAN Business Sectors Working Group, is also undertaking further review of the domestic regulations and mapping the issues affecting the mobility of ASEAN professionals, to facilitate the movement of ASEAN Professional and enhancing the utilisation of ASEAN Mutual Recognition Arrangements. ERIA also continued to support capacity building to AMS officials related to services sectors to contribute towards developing their respective Schedules of Non-Conforming Measures under the ATISA.**



Annex G-1

List of Outreach Activities of ERIA Researchers

RESEARCHER	PUBLICATIONS
Fukunari KIMURA (Chief Economist)	<i>Handbook on East Asian Economic Integration</i> , with Mari Pangestu (World Bank), Shandre Thangavelu (University of Adelaide), Christopher Findlay (University of Adelaide), Edward Elgar Publishing [December 2021]
	<i>Intellectual Property Rights and ASEAN Development in the Digital Age</i> , with Lurong Chen (Economic Research Institute for ASEAN and East Asia), Routledge,[November 2021]
	<i>Energy Sustainability and Climate Change in ASEAN</i> , with Han Phoumin, Farhad Taghizadeh-Hesary and Jun Arima, Springer [9 June 2021]
	<i>APO Productivity Databook 2021</i> , with Koji Nomura (Keio University), APO (Asian Productivity Organization).
Shujiro URATA (Senior Research Advisor)	<i>Japan's New Model of Capitalism in an Uncertain World</i> , East Asia Forum, Feb 15, 2022
	<i>The COVID-19 Pandemic and Asia: Editors' Overview</i> , with Takatoshi Ito (Columbia University), Kazumasa Iwata (Japan Center for Economic Research), Colin McKenzie (Keio University) and Haruko Noguchi (Waseda University), <i>Asian Economic Policy Review</i> , Wiley Asian Economic Review, Online Library, 2 January 2022
	<i>The Economics of the CPTPP and RCEP: Asia Pacific Trade Agreements without the United States from the book "The Comprehensive and Progressive Agreement for Trans-Pacific Partnership"</i> , with Peter A. Petri (Brandeis University), Michael G. Plummer (John Hopkins University) and Fan Zhai, ISEAS Publishing, 2021, DOI: 10.1355/9789814818889-005, 2021
	<i>Can e-commerce mitigate the negative impact of COVID-19 on international trade?</i> , with Kazunobu Hayakawa (Bangkok Research Center, Institute of Developing Economies) and Hiroshi Mukunoki (Gakushuin University), <i>The Japanese Economic Review</i> , DOI: 10.1007/s42973-021-00099-3, 2021
	<i>Impact of FTA on Trade in ASEAN and Australia Using Customs Level Data</i> , with Shandre M. Thangavelu (University of Adelaide) and Dionisius Narjoko (Economic Research Institute for ASEAN and East Asia), <i>Journal of Economic Integration</i> , Vol. 36 No.3 437-461, DOI: 10.11130/jei.2021.36.3.437, 2021
	<i>Globalisation and its Economic Consequences</i> , with Ha Thi Thanh Doan (Economic Research Institute for ASEAN and East Asia), Taylor & Francis, DOI: 10.4324/9781003138501-1, 2021 (31 August 2021)
	<i>Tariff Pass-through in Wholesaling: Evidence from Firm-level Data in Japan</i> , with Youngmin Baek (Fukuyama University), Kazunobu Hayakawa (Institute of Developing Economies, Japan), Kenmei Tsubota (Toyo University) and Kenta Yamanouchi (Kagawa university), <i>Journal of the Japanese and International Economies</i> , Vol.62 101164, 2021
	The Post-Abenomics Japanese Economy: Editors' Overview, with Takatoshi Ito (Columbia University, GRIPS and NBER), Kazumasa Iwata (Japan Center for Economic Research), and Colin McKenzie (Keio University), <i>Asian Economic Policy Review</i> , DOI: 10.1111/aep.12356, 2021
	<i>Impacts of increased Chinese imports on Japan's labor market</i> , with Kazunobu Hayakawa (Institute of Developing Economies, Japan) and Tadashi Ito (Gakushuin University), <i>Japan and the World Economy</i> , Vol.59 101087 pp. 306-323, 2021

RESEARCHER	PUBLICATIONS
	<p><i>Enhancing SME Participation in Global Value Chains: Determinants, Challenges, and Policy Recommendations</i>, Asian Development Bank Institute, ISBN: 978-4-89974-227-2, 2021</p> <p><i>The Determinants of Participation in Global Value Chains: A Cross-Country, Firm-Level Analysis</i>, with Youngmin Baek (Waseda University), Asian Development Bank Institute, Working Paper No.1116, 2021</p> <p><i>Labor Market Impacts of Import Penetration from China and Regional Trade Agreement Partners: The Case of Japan</i>, with Kazunobu Hayakawa (Institute of Developing Economies, Japan) and Tadashi Ito (Gakushuin University), <i>The Developing Economies</i>, Vol. 59, No. 3, pp. 306-323, 2021</p> <p><i>FDI activities and integration in ASEAN and East Asia from the book Handbook on East Asian Economic Integration</i>, with Shandre Thangavelu (University of Adelaide) and Dessie Tarko Ambaw (University of Adelaide), Edgar Elgar Publishing, ISBN: 9781788975155 pp. 88-109, 2021</p> <p><i>The Economics of the Free and Open Indo-Pacific Vision: The Objectives, Challenges and Japan's Role</i>, Canadian Global Affairs Institute, ISBN: 978-1-77397-175-9, 2021</p>
<p>Jun ARIMA (Senior Policy Fellow for Energy and Environment)</p>	<p>Op Ed: "Japan's carbon neutrality challenge", <i>East Asia Forum</i>, 9 December 2021.</p> <p>Op Ed: "Reclaiming pragmatism in Japan's energy policy", <i>East Asia Forum and Eurasia Review</i>, 4 and 3 April 2021.</p>
<p>Venkatachalam ANBUMOZHI</p>	<p>Op Ed: 'Do FTAs Matter for Realising Circular Supply Chains in ASEAN?' has been published by The Jakarta Post on 11 March and The Manila Times [11 March 2022]</p> <p>Viability of Current Policies and Their Impact on Global Sustainability', 2022 Trends Research Vol 2, 138-157. (in print), 2 March 2022</p> <p>Op Ed: 'Indonesia's Challenge in Reviving G20 for (a stronger and inclusive) Global Economic' has been published by The Manila Times on 20 February 2022 and The Jakarta Post [25 February 2022]</p> <p>Op Ed: 'Regional Key to Tackling Climate Change in Indonesia' with Citra Endah Nur Setyawati, <i>Jakarta Post</i> [24 January 2022] and <i>Manila Times</i> [20 January 2022]</p> <p>Financing circular economy futures in the Global South', 2022, in Buchoud N JA , A Charmbus (Eds) <i>Intersecting Volume 7 'Bending the Linear Economy on Plastics'</i> pp. 116-123, January 2022</p> <p>Reconciling Carbon Pricing, Competitiveness and (EU) Carbon Border Adjustment Mechanisms', 2022, in Asia in Wahres G (Ed) <i>Geoeconomics of Decarbonization in Asia-Pacific</i> Konrad-Adenauer-Stiftung e.V. Berlin 95 -122. (in print)</p> <p>Energy transition for fuelling economic integration in East Asia' (2021) in Kimura F, M Pangestu, S M Thangavel and C Findlay, <i>Hand Book of Asian Economic Integration</i>, Edward Elgar, pp 342-365 (13 December 2021)</p> <p>Op Ed: 'Financing the Climate pledge', <i>Borneo Bulletin</i>, 13 December 2021</p> <p>Op Ed: 'Small steps can lead to big strides on climate incentives', <i>The China Daily</i>, 9 December 2021</p> <p>Op Ed: Mobilising USD 1 trillion for climate finance, <i>The New Indian Express</i>, 29 November 2021.</p> <p>Op Ed: 'The economist of COP26: How to mobilize \$1 trillion needed to meet net zero target, The Manila Times, 27 November 2021.</p>

RESEARCHER	PUBLICATIONS
	Reinventing Smart Cities as an Extended Enterprise Model for Inclusive Growth, Proceedings of the 1st Asia Inclusive Smart Cities Conference, Kyoto, November 24-25 2021
	Op Ed: 'Climate action will benefit economies as well as people', <i>Global China Daily</i> , 10 November 2021.
	Op Ed: 'Can Glasgow COP26 Save the Planet? Transforming Climate Fatigue into People Centric Climate Actions', <i>The Market Scener</i> , 4 November 2021
	Building innovative, inclusive and resilient global value chains' 2021, with Kaliappa Kalirajan, <i>J. Soc. Econ. Dev.</i> 23, 439–446), 27 October 2021
	Enhancing food supply chain resilience through the utilization of the digital and sequence information technologies' (2021), with S Babu, C A Bollino, W Craig, P Kulandaivelu, F M Barrios E. Yamaji, <i>Think Tank 20 Policy Brief. Italian Institute for International Political Studies, Milan</i> , pp 12, 13 October 2021
	Resetting Low Carbon Green Growth Policies Through Stimulus Packages In The Aftermath Of Covid-19 Pandemic (2021) with M Cholifhani , T Hongo, K Kalirajan, J Kim, R Mathur, H Tian and P Wolff, <i>Think Tank 20 Policy Brief, Italian Institute for International Political Studies, Milan</i> , pp12, 12 October 2021.
	Localising the Circular Economy Imperative in the Post Covid -19 Era: Place, Trade and Multilateralism'm (2021) with N JA Buchoud, A Charalambous, E Croci, M Kochhan, T Sonobe, <i>Think Tank 20 Policy Brief, Italian Institute for International Political Studies, Milan</i> , pp 17 , 14 October 2021
	Digital Space and Space-Based Technologies For climate Change Adaptation and Resilience', (2021), <i>Asia Pacific Tech Monitor</i> , Jul -Sep pp 15-23.
	Transformative Strategies and Financing Policies for a Circular Net Zero Economy', (2021), Proceedings of the Research Institute Network shop on Growth Strategy for Post Covid -19.
	Mobilizing Private Finance for Low-Carbon Energy Transition' (2021) in B Susantono, Y Zhia, R Shrestha and L Mo (Eds). <i>Financing Clean Energy in Developing Asia</i> . Asian Development Bank pp 291-338 (10 July 2021)
	Op Ed: 'Sustainability in palm oil industry', <i>Borneo Bulletin</i> , 1 July 2021
	Op Ed: 'Toward sustainable palm oil production and trade', <i>The Jakarta Post</i> , 28 June 2021
	Op Ed: 'Towards Sustainable Palm Oil Production And Trade', <i>The ASEAN Post</i> , 19 June 2021
	Reinventing Smart Liveable cities in the Post Covid era: Three narratives for globally coordinated actions (2021), <i>Global Solutions Journal</i> , Issues 7, May 71-76 (27 May 2021)
	Op Ed: 'What Will India's Post-COVID Recovery Look Like?', <i>Brink News</i> , 17 May 2021
	Op Ed: 'Smart city growth creates biometrics opportunity', <i>Biometric Update</i> , 5 April 2021
	A Global financial crisis and firm activities in global value chain: case of Vietnamese firms', (2021) with S.M. Thangavelu, <i>J. Soc. Econ. Dev.</i> 23, 505–520 https://doi.org/10.1007/s40847-020-00135-9
	Application of supply chain approach to improving hazard-resilient health services: framework analysis for ASEAN and options of implementation' (2021) with M. Liu. <i>J. Soc. Econ. Dev.</i> 23, 582–600

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Lurong CHEN	<i>Intellectual Property Rights and ASEAN Development in the Digital Age</i> . Edited with Fukunari Kimura. Routledge book. 18 November 2021
	"Introduction", in L. Chen and F. Kimura (eds.) <i>Intellectual Property Rights and ASEAN Development in the Digital Age</i> . New York: Routledge, pp. 8-28
	"Digital Asia: Responding to Challenges from GVCs Digitalization, US-China Decoupling, and the Covid-19 Pandemic", in <i>Japan SPOTLIGHT</i> , Vol.240, pp. 8-12
DOAN Thi Thanh Ha	'Institutional reform, regulatory reform, and integration in East Asia' with Rashesh Shrestha (2021) in Kimura, F., M. Pangestu, S.M. Thangavelu and C. Findlay (eds.) <i>Handbook on East Asian Economic Integration</i> . Edward Elgar Book. 14 December 2021.
	Globalisation and its Economic Consequences Looking at APEC Economies. Edited with Shujiro Urata. Routledge book. 31 August 2021
HAN Phoumin	'Sustainable Water Resource Development in the Lower Mekong Basin: Synergies and Trade-Offs across Borders and Sectors' (2022) With To Minh Tu and Thim Ly In: Antoniadis A., Antonarakis A.S., Kempf I. (eds) <i>Financial Crises, Poverty and Environmental Sustainability: Challenges in the Context of the SDGs and Covid-19 Recovery</i> . Sustainable Development Goals Series. Springer, [1 January 2022]
	'Curtailed electricity and hydrogen in Association of Southeast Asia Nations and East Asia Summit: Perspectives from economic and environmental analysis', (2021) With Youngho Chang <i>International Journal of Hydrogen Energy (IJHE)</i> . [14 November 2021]
	'A strategic roadmap for large-scale green hydrogen demonstration and commercialisation in China: A review and survey analysis' (2021) with Yanfei Li and Xunpeng Shi. <i>International Journal of Hydrogen Energy (IJHE)</i> . [12 November 2021].
	'Assessment of accessible, clean and efficient energy systems: A statistical analysis of composite energy performance indices' (2021) with Suwin Sandu, Muyi Yang, et al. <i>Applied Energy</i> . Vol. 304 [15 December 2021]
	'Impacts of droughts and floods on croplands and crop production in Southeast Asia – An application of Google Earth Engine', (2021) with Manjunatha Venkatappa, Nophea Sasaki, Issei Abe. <i>Science of The Total Environment</i> . Volume 795, [15 November 2021]
	<i>Energy Sustainability and Climate Changes</i> (2021) with Fukunari Kimura, Jun Arima and Farhad Hesary. Springer. [9 June 2021]
	'Harnessing Wind Energy Potential in ASEAN: Modelling and Policy Implications' (2021) with Youngho Chang. <i>Sustainability</i> 2021, 13(8), 4279; [12 April 2021]
	Op Ed: COP26 and the end of coal: ASEAN needs a plan, <i>The Manila Times</i> [23 November 2021], <i>Asia Views</i> [29 November 2021] and <i>Italian Trade Agency</i> [26 November 2021]
Lili Yan ING	"East Asia's Economic Agreement" with Mari Pangestu (Ed.), <i>East Asia Forum Quarterly</i> , Vol. 14 No. 1 January-March 2022
	"G20 and RCEP as a Powerhouse for integration, recovery, and development" with Mari Pangestu, <i>East Asia Forum Quarterly</i> , Vol. 14 No. 1, January-March 2022, pp 5-7
	Op Ed: "New centre of gravity" for global trade, <i>Borneo Bulletin</i> , 27 December 2021

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	Op Ed: What Does the RCEP mean for Indonesia, <i>Manila Times</i> , 20 December 2021
	Op Ed: RI will benefit from RCEP but has yet to ratify it, <i>The Jakarta Post</i> , 17 December 2021
	'The EU-China Comprehensive Agreement on Investment: Lesson Learnt for Indonesia', (2021) with Junianto James Losari, <i>China Economic Journal</i> , 14(2): 200-221. [15 July 2021]
	"Trade liberalisation and Chinese firm's exports: Sourcing from Indonesia", (2021) with Wei Tian and Miaojie Yu, <i>The World Economy</i> , Wiley Blackwell, vol. 44(6), pages 1795-1813, June.
	Op-ed: "Economic Outlook 2021: Beware of prolonged recession", <i>The Jakarta Post</i> , 5 January 2021.
Ikumo ISONO	'Connectivity and the geographical simulation model' with Damiaan Persyn (2021) in Kimura, F., M. Pangestu, S.M. Thangavelu and C. Findlay (eds.) <i>Handbook on East Asian Economic Integration</i> . Edward Elgar Book. 14 December 2021.
Fusanori IWASAKI	Applying the extended producer responsibility towards plastic waste in Asian developing countries for reducing marine plastic debris' (2021) with Hendro Putra Johannes, Michikazu Kojima, and Ellen Putri Edita <i>Waste Management & Research journal</i> by on 28 April 2021
	From buyer-driven fragmented to consumer-driven vertically integrated value chains: A case study of Japanese apparel and accessory SMEs (2022), with Yasushi Ueki, IDE-JETRO Discussion Paper.
Michikazu KOJIMA	'Applying the extended producer responsibility towards plastic waste in Asian developing countries for reducing marine plastic debris" (2021) with Hendro Putra Johannes, Fusanori Iwasaki, and Ellen Putri Edita on <i>Waste Management & Research journal</i> [28 April 2021]
Dionisius NARJOKO	'Reorganisation of Production'(2021),with Kimura, F., in F. Kimura, M. Pangestu, S.M. Thangavelu, and C. Findlay, and (eds.), <i>Handbook on East Asia Economic Integration</i> . London: Edward Elgar, pp. 366-89.
	'Determinants of Regional Trade Agreement Utilization: Evidence from Multiple Import Countries in Asia', with Chang, K., K. Hayakawa, N. Laksanapanyakul J.H. Pyun, and F. Quimba. <i>The World Economy</i> . [6 November 2021]
	'Impact of FTA on Trade for ASEAN and Australia Using Custom Level Data' (2021), with Thangavelu, S. Mugan, S. Urata, <i>Journal of Economic Integration</i> , 36(3), pp.437-61
Keita OIKAWA	'Japan's Public Debt Sustainability before and after COVID-19' with J�r�mie Cohen-Setton in <i>The Sustainability of Asia's Debt</i> , Edward Elgar Publishing, 2022, pp. 66-86
Anita PRAKASH	'Supply Chain Performance in India and ASEAN during COVID-19 and the Outlook Ahead' Confederation of Indian Industries (CII) series: Supply Chain Cooperation: Building Resilient and Reliable Supply Chains, January 2022, pp.9-13
	"Supply Chains in ASEAN and India: Resilient Performance and Risk Sharing Amidst COVID-19 Pandemic and Trade Tensions" Policy brief for Observer Research Foundation
	"EU-Asia Cooperation: Prioritising the Development Cooperation Agenda for Inclusive Transformation in Developing Asia" Policy Brief for OECD Development Center

RESEARCHER	PUBLICATIONS
	<p>Geopolitics and Connectivity in Indo-Pacific: Trade and Investment. Berlin Conference on Asian Security. (German Institute for International and Security Affairs).</p> <p>Economic Multilateralism for Post COVID 19 Recovery: Geopolitical Dynamics and its Implications for Post-COVID Economic Recovery. (Rajaratnam School of International Studies, NTU).</p>
<p>Alloysius Joko PURWANTO</p>	<p>'Vehicle Technology Impact Assessment Model for Indonesia (VEIA-ID): Concept and First Results' (2021) with Dian Lutfiana In: Phoumin H., Taghizadeh-Hesary F., Kimura F., Arima J. (eds) <i>Energy Sustainability and Climate Change in ASEAN. Economics, Law, and Institutions in Asia Pacific</i>. Springer, Singapore. pp.59-88.</p> <p>'Public Perception Pricing into Vehicle Biofuel Policy in Indonesia' (2021) with Tjahjono, T., A. Kusuma, M. Adhitya, R. Purnomo, T. Azzahra, G. Mauramdha <i>International Journal of Technology</i>, Volume 12, Number 6, 1239-1249</p>
<p>Rashesh SHRESTHA</p>	<p>'Impact of ASEAN Trade in Goods Agreement (ATIGA) on intra-ASEAN trade.' RIN Online Workshop Proceedings 2021. Research Institutes Network (RIN): Bangkok [February 2022].</p> <p>'Institutional reform, regulatory reform, and integration in East Asia' with Ha Thi Thanh Doan (2021) in Kimura, F., M. Pangestu, S.M. Thangavelu and C. Findlay (eds.) <i>Handbook on East Asian Economic Integration</i>. Edward Elgar Book. [14 December 2021]</p> <p>Op Ed: East Asia must embrace greater labor mobility after the pandemic. <i>Nikkei Asia</i> [17 July 2021]</p>
<p>Fauziah ZEN</p>	<p>Pengaruh penerapan system closed list dan penambahan jenis pajak daerah melalui UU 28/2009 terhadap upaya pemungutan pajak daerah di Indonesia (Impacts of Law 28/2009 on the local tax efforts in Indonesia); Noviyanti and Fauziah Zen, <i>Indonesian Treasury Review</i>, [31 March 2022]</p> <p>'Who works from home during the COVID-19 pandemic? Case from Indonesia'; Qibthiyah R.M. and Zen, F., LPEM-FEB UI Working Paper 069, March 2022, ISSN 2356-4008</p> <p>'The ASEAN-Korea Cooperation and Connectivity: Beyond the New Southern Policy Plus' in Kwon Hyung Lee and Yoon Jae Ro (Eds.) <i>The New Southern Policy Plus: Progress and Way Forward</i>. Korea Institute for International Economic Policy (KIEP). [30 December 2021].</p> <p>"Maintaining resilient infrastructure", T20 Italy Policy Briefs https://www.t20italy.org/2021/09/21/maintaining-resilient-infrastructure-systems/ [21 September 2021]</p>



Annex G-2

List of Outreach Activities of ERIA Researchers

RESEARCHER	ONLINE INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
Fukunari KIMURA (Chief Economist)	Speaker, 'Strengthening Multilateral Trading System to Support Economic Recovery and Post Pandemic Era' at the 2022 Global Solutions Summit by T20 Task Force 1, Indonesia G20 (28 March 2022)
	Speaker, Strategic Japan Initiative Roundtable in Washington DC, US organised by CSIS (Center for Strategic & International Studies), 24 March 2022
	Discussant, APEC Group on Services Workshop 'Understanding the Key Role of Logistic Services in Moving Essential Goods Across Border in the Asia Pacific in Canberra, Australia, organised by APEC (Asia-Pacific Economic Cooperation), 15 – 16 March 2022
	Speaker, TIFO-CIEM-GraSPP Viet Nam-Japan Policy Research Forum "New Dynamism in Asia-Pacific Supply Chains beyond COVID-19: Implications for Japan-Viet Nam Cooperation" in Hanoi, Vietnam organised by Toshiba International Foundation (TIFO), Central Institute of Economic Management (CIEM), and Graduated School of Public Policy, The University of Tokyo (GraSPP), 3 March 2022
	Panelist "Plenary Session 2: Optimizing Digital Transformation for Sustainable and Inclusive Growth.", T20 Inception Conference "Realizing Inclusive Recovery from the COVID-19 Pandemic" in Jakarta, Indonesia, organized by The Think20, LPEM FEB University of Indonesia and CSIS (Center for Strategic & International Studies), 9 – 10 February 2022
	Speaker, "ASEAN and Japan Economic Cooperation: The Way Forward" in FPCI-ERIA-METI Public Forum "The Next Chapter of ASEAN and Japan Economic Cooperation in the Post-Pandemic Era" in Jakarta, Indonesia organized by FPCI (Foreign Policy Community of Indonesia), ERIA (Economic Research Institute for ASEAN and East Asia), and METI (The Ministry of Economy, Trade and Industry of Japan), 10 January 2022
	Asia Pacific Institute of Research, Independent Research Project, Online Forum "Prospects for Economic Dynamism and Globalization in Asia-Progress of Mega FTAs: Significance and Effect of RCEP-" in Osaka, Japan, 21 December 2021. Served as a coordinator.
	Speaker, "Factory Asia with Geopolitical Tension: From the Viewpoint of Japanese Private Sector" and Panelist in 'Panel 3: The Democratic Supply Chain and the Existing Global Trade System: Collision and Coexistence.', in 2021 Taiwan-US-Japan Trilateral Indo-Pacific Security Dialogue: Mapping the Democratic Agenda for the Next Generation organised by Ministry of Foreign Affairs of China (Taiwan), 14 December 2021
	Speaker, "CPTPP Accession by China: Negotiations, Contents, and Politics." in online Workshop on "China's Application for CPTPP and Perspectives for Japan-China Economic and Trade Relationship" in Tokyo, Japan, organized by University of Tokyo and Tsinghua University, 10 December 2021
	Speaker, Online Seminar "At Your Service? The Promise of Services-Led Development" in Tokyo, Japan organized by World bank and JICA Ogata Sadako Research Institute for Peace and Development, 3 December 2021
Discussant, "ASEAN's partnership with external partners and relevant stakeholders in sub-regional development and narrowing development gaps." in ASEAN High-level Forum on Sub-regional Cooperation for Sustainable Development and Inclusive Growth in Hanoi, Vietnam organized by Ministry of Foreign Affairs Vietnam, 30 November 2021	

RESEARCHER	ONLINE INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
	Panelist, FPCI-GRIPS Virtual Public Forum "Asian Century: Projection, Expectation, Reality" in Jakarta, Indonesia organized by GRIPS (National Graduate Institute for Policy Studies) and FPCI (Foreign Policy Community in of Indonesia), 29 November 2021
	Speaker and Panelist, "Factory Asia and US-China Conflict" in Waseda University Regional and Interregional Research Organization 7th International Symposium in Tokyo, Japan, 24 November 2021
	Speaker "Report on ERIA's Research Projects in FY2021" and served as Chief Economist in Research Institutes Network (RIN) Meeting in FY2021 organized by ERIA (Economic Research Institute for ASEAN and East Asia), 22 November 2021
	Panelist in Session 2 "Economic Dimension" and presented "The Rule-based Trading Regime and Economic Security," in Online Seminar "What's Next for the U.S.-Japan-South Korea Partnership? Security and Economic Cooperation in a New Era" organized by East Asia Institute (EAI) and Stanford Walter H. Shorenstein Asia-Pacific Research, 19 November 2021
	Speaker, "International Production Networks post the Covid-19 Pandemic." in BAPPENAS-ERIA Book Launch: Indonesia Manufacturing Sector Review organized by BAPPENAS in collaboration with ERIA, 17 November 2021
	Speaker, "Supply Chains Survived COVID-19" and participated as a panelist in Session "Restructuring value chains in East Asia: myths and realities." in Ifri Center for Asian Studies, Annual Conference "East Asia's Evolving Economic Order: Toward Cohesion or Fragmentation?" in Paris, France organized by IFRI (Institut Francais des Relations Internationales), 9 -10 November 2021
	Speaker, "Digital Technology and Development Strategy: ASEAN and Factory Asia" in 2nd Hitotsubashi University Policy Forum 2021 in Tokyo, Japan, 31 October 2021
	Speaker, "The Future of the TPP and Japan's Response, as China and Taiwan Apply." in FPCJ Online Press Briefing organised by FPCJ (Foreign Press Center Japan), 29 October 2021
	The 80th National Conference of the Japan Society of International Economics (Online, Tokyo; October 23-24, 2021). Participate as an advisor. Comment on Dong A. Luong's paper.
	Speaker, "To overcome the corona wreck and solve supply chain issues." in Japan-Vietnam Joint Initiative Phase 8 Kick-off Meeting in Hanoi, Vietnam, 21 October 2021
	Coordinator, Asia Pacific Institute of Research, Independent Research Project, Online Forum "Prospects for Economic Dynamism and Globalization in Asia-Impact of COVID-19 on Japanese Economy and World Economy-" in Osaka, Japan, 15 October 2021
	Speaker, "Servicing the World towards Economic Recovery: The Role of Services in Driving Global Trade towards Economic Recovery." in APSC and ABAC: Public-Private Dialogue on Services in Manila, Philippines organized by APSC (Asia Pacific Services Coalition) and ABAC (APEC Business Advisory Council) in partnership with JM Network Trade & Investment in Services Associates (TIISA) and The Australian Government, 12 - 13 October 2021
	Participant, Ambassadors Meeting of ERIA Member States and Dialogue Partners organized by ERIA (Economic Research Institute for ASEAN and East Asia), 6 October 2021
	Speaker, "East Asian Global Value Chains in the Pandemic: Resilience and Adjustment." In EAEA-JCI International Webinar "Pandemic Recovery and East Asian Economic Resilience" in Kuala Lumpur, Malaysia organized by EAEA (East Asian Economic Association) and JCI (Jeffrey Cheah Institute on Southeast Asia), 24 September 2021

RESEARCHER	ONLINE INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
	Speaker, "Research Activities (Economics) of ERIA in FY2020 and Research Program (Economics) for FY2021." in The 13th ERIA Academic Advisory Council (AAC) Meeting organized by ERIA (Economic Research Institute for ASEAN and East Asia), 22 September 2021
	Speaker, "How Will Global Value Chains Evolve with Digital Technology? Opportunities for Disruptive Innovation and Leap-frogging." in Advisory Panel between APEC Study Center Japan (ASCJ) and APEC Office of Ministry of Foreign Affairs and Ministry of Economy, Trade and Industry, 13 September 2021
	Speaker, "Production Networks and ASEAN and India in Shifting Global Supply Chains." in ASEAN-India Development Partnership Programme (AIDPP) organized by The Asian Confluence, India, the ASEAN Studies Centre of ISEAS – Yusof Ishak Institute, and the ASEAN-India Centre at the Research and Information System for Developing Countries (RIS), 16 – 20 August 2021
	Speaker, "Enhancing Partners for Prosperity: ASEAN-Japan Cooperation in Shaping a Post-COVID-19 Regional and Global Economic Landscape." in Roundtable on "ASEAN-Japan: Reviewing the Journey Travelled, towards the 50th Anniversary of Dialogue Partnership" in Hanoi, Vietnam organized by The Vietnamese Ministry of Foreign Affairs, 21 July 2021
	Speaker and Panel Discussant, "Can India and South Asia Take Part in Factory Asia?" in International Conference "Post-Pandemic Order and Integration: Outlook of ASEAN and the Indo-Pacific Crossroads" organized by ASEAN Studies Center, Chulalongkorn University, IRASEC, and ASEAN-India Centre at RIS in Bangkok, Thailand, 8 – 9 July 2021
	Speaker, "How Will Global Value Chains Evolve with Digital Technology? Opportunities for Disruptive Innovation and Leap-frogging." in APEC Study Centre Consortium Conference in Auckland, New Zealand organized by APEC (Asia-Pacific Economic Cooperation), 6 – 7 July 2021
	Coordinator, Asia Pacific Institute of Research, Voluntary Research Project, Online Forum "Prospects for Economic Dynamism and Globalization in Asia-US-China Trade War, Impact of Digital Technology on Japan and Asian Economy-", 1 July 2021
	Speaker, "Japan and ASEAN as Middle Power: What Can Be Made in International Trade Policy" in Japan Business Federation Asia-Pacific Region Committee, 25 May 2021
	Speaker, "Asia Trade Order and RCEP: Challenges and Prospects" in ITI (International Trade and Investment Institute) 2021, 1st International Trade and Investment Study Group, 5 April 2021
Shujiro URATA (Senior Research Advisor)	Speaker, Technology Transfer and Firm Competitiveness Conference organised by Asian Development Bank Institute (ADBI), 24 – 25 February 2022
	Speaker, ERIA Project on Regional Comprehensive Economic Partnership (RCEP) organised by ERIA, 25 – 26 January 2022
	Speaker, The Research Institutes Network (RIN) Meeting in FY2021 organized by ERIA, 22 November 2021
	Participant, Ambassadors Meeting of ERIA Member States and Dialogue Partners organized by ERIA, 6 October 2021
	Speaker, The 13th ERIA Academic Advisory Council (AAC) Meeting organized by ERIA, 22 September 2021

RESEARCHER	ONLINE INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
Venkatachalam ANBUMOZHI	<p>Speaker & panelist, Leveraging Digital Transformation and Smartization for Stronger and Smarter World Economy Recover Together, Global solutions Summit, Global Solutions Summit, Berlin, March 28-29, 2022</p>
	<p>Session Chair and Moderator, Session on Knowledge Sharing on Green Jobs, Green Skills Development Measures and Green Economic Recovery, Subregional Workshop on Skills & Human Resources Development for Green Jobs and Greening of Economies in Asia, International Labour Organisation, Geneva 22-23 March 2022</p>
	<p>Speaker, Addressing Financing Gaps for Transition to a Green Recovery, Research and Development Forum on BUILDING CLIMATE CHANGE DATA MANAGEMENT CAPACITIES AND ENHANCING ACCESS TO CLIMATE FINANCE, ASEAN Secretariat, Jakarta 18 March 2022.</p>
	<p>Keynote Speaker, Support and Benefit from the Circular Economy Indian Ocean Rim Association (IORA) Conference on Post Covid 19- Sustainable Innovations to set the Economy Back on Track, University of Mauritius, 23-24 February 2022.</p>
	<p>Session Chair and Panellist: Covid-19 Pandemic, Climate Change and Poverty Reduction: Case of ASEAN, 19th University of Indonesia Economix Conference, University of Indonesia, Depok, February 16, 2022</p>
	<p>Panalist. Gearing up for a Post Pandemic World : Designing Policies for an Innovative and Sustainable Recovery in South east Asia, OECD High-level Symposium, Korea 8 February, 2022</p>
	<p>Paper Presenter, Carbon Markets and Financial Mechanism for Sustainable Agriculture in Asia , International Conference on Carbon Finance for Agriculture towards Climate Risk Mitigation, National Institute of Agricultural Extension Management (MANAGE) Manage, Hyderabad 20 January, 2022</p>
	<p>Paper Presenter and panellist: Green Recovery Plans and Net Zero Economy: Priority Areas for International Cooperation in Asia Pacific, China Daily – Chinese Academy of Social Science (CAS) -Global Strategic Dialogue, Beijing 20 December 2021</p>
	<p>Discussant SDG Interlinkages Analysis in Indonesia, Discussant, National Conference on Sustainable Development Goals, BAPPENAS, Jakarta 17 December 2021</p>
	<p>Presenter and Speaker: Breaking Down Sustainability . Reporting Sustainability in ASEAN, Probe Media Foundation 14 December 2021</p>
	<p>Paper Presenter, Decarbonizing the Transport sector through Electrification and Biofuel Use in Emerging Economies of Asia, Asiad Development Bank Institute Annual Conference, Tokyo, 1-3 December, 2021</p>
	<p>Panlist : Session on Inclusive smart cities: Prospect and Initiative, 1st t International Conference on Smart cities, University of Kyoto 24 November, 2021.</p>
	<p>Speaker and Penalist : Resilient ASEAN, International workshop on Imagining a Sustainable and Resilient ASEAN City in 2040: an Engineering Perspective, Bandung Institute of Technology, Bandung, 13 November, 2021</p>
<p>Speaker and Panelist : Building SMEs' Capacity on Climate Action in South-East Asia, Regional Collaboration Centre, United Nations Framework Convention on Climate Change, Bangkok 26 October 2021.</p>	
<p>Presenter and Panliest Enabling Policies and Strategies to Promote 4IR Technologies for Climate Change Mitigation in Asia-Pacific, International Conference on Fourth Industrial Revolution Technologies for Sustainable Development , Asia Pacific Centre for Technology Transfer-Department of Science and Technology, Government of India, 30 November 2021</p>	

RESEARCHER	ONLINE INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
	Presenter and Panelist, Climate, Inclusive Growth and Social Protection: Reasons for Optimism, International Workshop on Social protection-environment nexus in South East Asia , Workshop organized by the French Development Agency, Paris , 16 November, 2022
	Panelist, Innovation and Digitalisation in Agtech, Building Prolific Entrepreneurship Ecosystems in ASEAN with Insights from India, CII-CO, 11 November, 2021
	Paper Presenter, ESG Strategy in the Post Covid Digitally Transformed Asia, International Conference on Digital transformation and ESG (Environment, Social and Governance) management Dankook University, Seoul, 9 November 2021.
	Paper Presenter and Panellist Exploring Circular Economy for the Future, Session II on Leveraging the Covid 19 crisis for Sustainable Future, 36th ASEAN Round table- Braving the Storms: ASEAN in Crisis Modes Yusof Ishak Institute, Singapore 12-13 October, 2021
	Paper presenter and Panellist: Electrifying the Last Mile for a Sustainable Future, PYC International Energy Conference, 6-7 October, Jakarta
	Panellist Does Economic Growth Always Cost Environment ? Panelist .University of New South wales – ASEAN on Conflicts and Cooperation, Sydney, October 2, 2021 .
	Panellist: Building Circular Plastic Chains, Circular Economy Solutions Dialogue, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) Berlin 29 September, 2021
	Keynote Speaker, Rotary Presidential Conference (RPcC2021) on Growing Local Economies & Protecting the Environment, Manila 28 September 2021
	Paper Presenter, Viability of Current Policies and Their Impact on Global Economic Growth Generators; International Symposium on Climate Change and Economic Growth Sustainability, Abu Dhabi, September 28, 2021.
	Disucssant: International Workshop on Reconciling Carbon Pricing Konrad-Adenauer-Stiftung e. V. -Hong Kong, 23 September, 2021
	Presenter and panellist Carbon Pricing Trends in ASEAN and East Asia, The 4th Indonesian Energy Transition Dialogue, 20-24 September 2021
	Session Chair and Moderator. Green Urbanism for a Greener Future , International Conference on Cities 4.0 , Kula Lumpur, 22 September 2021
	Paper Presenter Supply Chain Initiatives for Circular Economy: Sustainable and Inclusive Growth, 2nd Supply Chain Resilience Forum-How Supply Chain management evolve by digital transformation? Ministry of Economy Trade and Industry, Tokyo, September 17, 2021
	Paper Presenter Role of Emerging Technologies -based Innovations in addressing Climate Change, Regional Workshop on Emerging technologies to Respond to climate change, Kuming China, Yunnan Academy of Scientific and Technical Information, China. 14 September 2021
	Keynote Speaker: Investments in Climate Change Mitigation, Jakarta International Model United Nations Conference, Jakarta August 13, 2021

RESEARCHER	ONLINE INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
	Speaker and Panelist , Realising Smart Cities in ASEAN, US-ASEAN Kick off workshop on Integrated Urban Services, Washington DC, August 10-11, 2021
	Keynote speaker, Creating a Sustainable Recovery and Growth after Covid-19 Virtual International Conference on "COVID-19 and Economic Impacts and Prospects: Challenges and Policies" 2 University of Jammu and Kashmir, Srinagar 4 August 2021.
	Presenter and Panelist, Advancing Circular Cities from Research and Innovation, Indonesia Circular Economy Forum, Ministry of Environment, Indonesia United Nations Environment Program 23 July,2021
	Paper Presenter and Speaker : Financing Low Carbon Green Growth : Opportunities and Challenges for regional cooperation, Faculty of Economics and Political Studies, Gadjja Mada University, , Yogyakarta. July 22, 2022
	Keynote Speaker, Co-benefits and Trade offs of Green and Clean Energy, APEC Conference on Co-benefits, Chinag mai University, Thailand 19 July 2021, 2021.
	Panelaist, Circular Economy Dialogue on Building Circular Plastic Value Chains: -Asian Experiences and Outlook, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) , July 17, 2021.
	Paper Presenter; Cross-Border Electricity Trade and Climate Stabilization : Key Policy, Regulatory and Market Challenges in South and Southeast Asia, International conference on Indo-Pacific Strategy in the Post Covid -19 era, Research Information Systems (RIS), New Delhi , Chulalonkan University 9 July, 2021
	Paper Presenter. ASEAN Amidst Competing Connectivity Strategies and Integration Challenge ., International Conference on Asia's Post Pandemic Order and Integration: Outlook of ASEAN and the Indo Pacific at Cross roads, Chulalongkorn Bangkok and Research Information System (RIS) New Delhi, 8-9 July, 2021
	paper presentation, Financing the Net Zero Economy, -, International Conference on Global Net-Zero Actions, Kula Lumpur 11 June. 2021
	Session Chair and Moderator , Climate Change Response and Circular Carbon Amendments - International Conference on Global Net-Zero Actions, Kulalumphur 8 June.2021
	Panellist, Climate Change and Agriculture Land Use Change, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) and ASEAN Secretariate Jakarta June 6, 2021
	Panellist: Protecting Climate and Bio-diversity, Global Solutions Summit 2021 , Berlin 27 May 2021.
	Speaker and Panellist Removing Carbon Through Nature Based Solutions, , Think Tank 20 Spring Roundtable on Advancing the Circular Carbon Economy: Ways Forward, Milan, 26 May 2021
	Panellist, Exploring the Nexus of Climate Change Food Security and the Covid -19 Pandemic, - Institute of Policy, and Strategy for Agriculture and Rural Development, Hanoi, 21 May 2021.
	Key note Speaker, Circular Economy Solutions Dialogue : Bending Linear Agenda with Business Models and Technology Uptake, , Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)and Global Solutions Institute, Berlin , May 18 , 2021,

RESEARCHER	ONLINE INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
	<p>Discussant , International Dialogue on EU -Carbon Border Adjustment Mechanisms, Konrad-Adenauer-Stiftung , Brussels -May 5, 2021</p> <p>Presenter and Panelist Power Sector Connectivity in Southeast Asia _Key to Improving Energy Security and Reducing Global Emissions –Executive Webinar for USAID Mission Leaders, April 28, 2021</p> <p>Session Chair and Moderator The Experts Roundtable on ASEAN Circular Economy, Session Chair, ASEAN secretariat, 14-15 April, 2021</p>
Lurong CHEN	<p>Speaker, 'ASEAN's Preparation and Readiness for RCEP' at the Webinar of China-ASEAN in RCEP Implementation, 18 March 2022</p> <p>Speaker, 'Digitalisation and COVID-19 Recovery in ASEAN', ERIA Podcast, 27 December 2021</p> <p>Speaker, 'Digital transformation and the Post-Covid 19 GVCs in East Asia'; at East Asia Forum, 7 December 2021</p> <p>Speaker, 'ASEAN MSMEs in Digital Transformation', in the Conference of PRAXIS 2021 Recovering Malaysia, 21 October 2021</p> <p>Speaker, 'Digital trade in Asia', at the Conference of Digital Asia: Crafting Responsive Trade Policies, 9 September 2021</p> <p>Speaker, 'Cross Border E-commerce: Current Status and Trends', at ASEAN-China Digital Economy Development and Cooperation Forum, 16 July 2021</p> <p>Speaker, 'How will East Asia's Digital Transformation Change the Global Value Chain?' at RIETI Open BBL Webinar, 1 July 2021</p> <p>Presenter, 'Digital Transformation in Supporting the Post-Covid Economy Growth'; at the 9th OECD-AMRO-ADB/ADBI-ERIA Asian Regional Roundtable on Macroeconomic and Structural Policies, 15 June 2021</p>
DOAN Thi Thanh Ha	<p>Presenter, "Does in-house R&D facilitate technology transfer to enhance firms' performance?"; Workshop on Technology Transfer and Firm Competitiveness, Asian Development Bank Institute [26 February 2022]</p> <p>Speaker, "Understanding Non-tariff Measures: Key Characteristics and Trade Effects", Topics in International Economics Series, Foreign Trade University, Hanoi [06 September 2021]</p> <p>Lecturer, Technical training on "Understanding Non-tariff Measures: Key Characteristics & Trade Effects at Macro Level", The Philippines Tariff Commission, Regulatory Reform Support Program for National Development, ERIA [20 August 2021 to 27 September 2021].</p> <p>Speaker, "Overview of the Non-tariff Measures Cost-Effectiveness Toolkit- Handbook for ASEAN"; Socialisation workshop on "Non-tariff Measures Cost-Effectiveness Toolkit –Handbook for ASEAN", ERIA-ASEAN Secretariat [15 October 2021]</p> <p>Speaker, "Non-tariff Measures Cost-Effectiveness Toolkit –Handbook for ASEAN", Cambodia Non-tariff Measures National Socialisation workshop, ERIA-Cambodia Ministry of Economy and Finance [17 December 2021]</p>

RESEARCHER	ONLINE INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
HAN Phoumin	Speaker at international conference on "Energy Security and Economic Interdependence in the US-Asia Relationship," organised by the Energy Futures Initiative (EFI), held on February 8, 2022. Presentation on "Role of US LNG in Asia Energy Transition".
	Speaker at international conference on ASEAN Energy Transition Initiative held on 25th January 2022, organised by AOTS and METI. Presentation on "ASEAN Energy Transition towards Carbon Neutrality".
	Speaker at international conference on 3rd HELE seminar held on 20th January 2022, organised by JCOAL and NEDO on technology update towards carbon neutrality. Presentation on "Carbon neutrality in ASEAN and the need to use clean technologies".
	Speaker at International Forum on Energy Landscape (IFGE 2021) organised by UNITEN on November 30th, 2021. Presentation "Decarbonisation scenarios towards carbon neutrality in ASEAN".
	Speaker at Ambassadors Meeting of ERIA Member States and Dialogue Partners, held on October 6th, 2021. Presentation "ASEAN Low Carbon Energy Transition Scenarios".
	Speaker at APEC Symposium on the Holistic Approach of Decarbonization towards Carbon Neutrality organised by APERC on August 31st, 2021. Presentation "Carbon neutrality and decarbonised ASEAN Energy System".
	Moderator of the Panel Discussion at the 6th webinar of Dialogue for Innovative and Sustainable Growth (DISG) on the topic of "Promoting Green Growth and Energy Transition in ASEAN region" held on 26th August 2021.
	Speaker at Conference on ASEAN-Japan Business Week, organised by METI on 26th May 2021. Presentation "Decarbonisation for ASEAN".
	Moderator at the 1st Asia CCUS Knowledge sharing Conference, organized by Asia CCUS Network in collaboration with IEA, on 26 July 2021.
	Moderator at the 2nd Asia CCUS Knowledge sharing Conference, organized by Asia CCUS Network in collaboration with US DOE, on 28 July 2021.
	Moderator at the 3rd Asia CCUS Knowledge sharing Conference, organized by Asia CCUS Network in collaboration with Oil and Gas Climate Initiative (OGCI), on 14 October 2021.
	Moderator at the 4th Asia CCUS Knowledge sharing Conference, organized by Asia CCUS Network in collaboration with Clean Energy Ministerial (CEM), on 17 November 2021.
	Moderator at the 5th Asia CCUS Knowledge sharing Conference, organized by Asia CCUS Network in collaboration with Australian Government, Department of Industry, Sciences, Energy and Resources, on 28 February 2022.
Provide keynotes address at the Asia CCUS Technical Workshop, organized by Asia CCUS Network in collaboration with MRI, on 5-7 October 2021.	
Moderator at 4th East Asia Energy Forum on "Natural gas and renewables as key energy resources in energy transitions," held on 13th September 2021.	

RESEARCHER	ONLINE INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
Lili Yan ING	<p>Speaker, [ASEAN Trade Outlook] webinar: Global Trade Outlook 2022 and Beyond, by WIEF Foundation, 22 February 2022.</p> <p>Panellist [ASEAN and Global Trade] on CPTPP and Beyond: Multilateralism in an era of great power strategic competition, by RIETI and ANU Crawford Symposium [8 February 2022].</p> <p>Public Lecture [Indonesia's Trade Policy: Now and Then] on "Indonesia's Trade Policy: Now and Then", University of Indonesia, 17 November 2021.</p> <p>Speaker, [Issues in Trade Negotiations] "Economic Treaty Negotiators (Trade and Investment) for Diplomats", Ministry of Trade and Ministry for Foreign Affairs, 1 November 2021.</p> <p>Public Lecture on "Indonesia amidst the Rising Trade Tension", University of Indonesia, 4 November 2021.</p> <p>Speaker, [How can Multilateral Trading System Contribute to Global Economic Recovery], G20 Trade and Investment, Ministry of Trade of Indonesia, 24 May 2021</p>
Ikumo ISONO	<p>Organiser and lead presenter, Workshop of the ERIA project "New challenges for urban structural change in the post-COVID-19 era", Online 6 July 2021</p>
Fusanori IWASAKI	<p>Presenter, "2nd Workshop to Exchange Views between and among African Stakeholders, ASEAN Officials, and Japanese Governmental Organizations Toward Implementation of the AfCFTA," organized by JICA and AfCFTA Secretariat, November 2021</p> <p>Presenter, "One ASEAN EV Day" organized by UBS Bank Singapore, November 2021</p> <p>Presenter, "Workshop to Exchange Views between and among African Stakeholders, ASEAN Officials, and Japanese Governmental Organizations Toward Implementation of the AfCFTA," organized by JICA and AfCFTA Secretariat, September 2021</p>
Takuma KATO	<p>Opening remark, at International Conference 'Japan's Long-term Care Viewed from Asia-Promoting Elderly Oral Health', organized by Nagasaki University and University Respati Indonesia [11 September 2021]</p> <p>Closing remark, at the Asia Health and Wellbeing Initiative Webinar, organized by Japan Center for International Exchange, [8 September 2021]</p>
Masanori KOZONO	<p>Speaker, 'ERIA's research project on utilization of digital technologies in FVC and development of cold chain, towards higher value-added of ASEAN food and agricultural products in post-COVID19' at The Special SOM-20th AMAF Plus Three, organized by ASEAN, 24 August 2021</p> <p>Moderator, 'Enhancing Food Supply Chain Resilience and Food Security in ASEAN with Utilization of Digital Technologies' at Working Group Meeting on ERIA Study, organized by ERIA 16 July 2021</p> <p>Speaker, The Fifteenth Meeting Of The ASEAN Technical Working Group On Agricultural Research And Development (15th ATWGARD), organized by ASEAN, 8 April 2021</p> <p>Speaker, Enhancing Food Supply Chain Resilience and Food Security in ASEAN with Utilization of Digital Technologies at The First Knowledge Sharing Workshop, organized by ERIA-ASEAN Secretariat, 22 February 2021</p>

RESEARCHER	ONLINE INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
Shigeru KIMURA	Moderator, "Session 2: Private Sectors Perspectives for Financing CCT and CCUS Projects", at ACE-WCA Workshop on CCT and CCUS Financing towards Carbon Neutrality, organized by ASEAN Centre for Energy, World Coal Association, ASEAN Forum on Coal and Department of Mineral Fuels, Ministry of Energy Thailand, Virtual Workshop, 31 March 2022
	Moderator, "Session 3: Q & A between MEMR and Japanese Companies", at Public-Private Workshop on Energy Transition in Indonesia, organized by ERIA, METI Japan and MEMR Indonesia, Virtual Workshop, 24 February 2022
	Presenter (Video), "Deployment of CCUS in Asia Region and Role of Asia CCUS Network" at Japan CCS Webinar under COP26 Virtual Pavilion, organized by COP26 Japan Pavilion Secretariat, 12 November 2021
	Presenter, "Introduction of Asia CCUS Network" at 2nd Australia-Japan CCUS/Carbon Recycling Workshop, organized by METI Japan and Department of Industry, Science, Energy and Resources (DISER) Australia, Virtual Workshop, 9 November 2021
	Presenter, "Deployment of CCUS in Asia Region and Role of Asia CCUS Network" at Japan-Asia CCUS Forum 2021, organized by Global CCS Institute and Japan CCS Co., Virtual Forum, 20 October 2021
	Presenter, "A Low Carbon Energy Transition in the ASEAN: Role of natural Gas" at 4th GECF Workshop on Promotion of Natural Gas Demand, organized by Gas Exporting Countries Forum, 29 September 2021
	Presenter (Video), "Introduction of Asia CCUS Network" at 30th Clean Coal Day International Conference: Role of Coal Frontier towards Carbon Neutral Pathway, organized by JCOAL, 21-22 September 2021
Michikazu KOJIMA	Presentation, "11th Regional 3R and Circular Economy Forum in Asia and the Pacific, 22-24 March 2022 "Strengthening Science-Policy-Business Interface towards Circular Economy – Achieving the SDGs and Carbon Neutrality" co-organized by the Ministry of Natural Resources and the Environment (MONRE) of the Government of the Russian Federation, Ministry of the Environment of the Government of Japan and the United Nations Centre for Regional Development of the Division for Sustainable Development Goals, United Nations Department of Economic and Social Affairs (UNCRD-DSDG/UN DESA) [UPCOMING: 22-24 March 2022]
	Welcome Remark, Toward Plastic Waste-Free Thailand: Single Use Plastic Reduction and Replacement. By TEI, GIZ, TBCSD, ERIA [18 February 2022]
	Presentation, "ASEAN-Japan Online Forum on Harnessing Trade to Promote Circular Economy and Address the Problem of Marine Plastic Debris (Public -Private Sector Dialogue)" ASEAN-Japan Centre, [9 February 2022]
	Opening Remark, Rainy Days: High Season for Marine Plastic Litter?" by ERIA-RKCPD and UNDP [26 January 2022]
	Presentation, "Sustainability and EPR: Integration to Business and Operation", Holcim Philippines, [19 January 2022]
	Presentation, "Viet Nam-Japan Environmental Week Plenary session - Public-private efforts toward the transition to a circular economy including measures against marine plastic litter", MOEJ and MONRE, [16 December 2021]
	Presentation, "ASEAN Regional Symposium: "Bridging Science to Policy: Science Based Solution to Marine Plastic Pollution in ASEAN", CSEAS Indonesia, [1 December 2021]
	Opening Remark, "PSP Event Series 2 : "Malaysia's Private Sector: Innovation as a Driver to Tackle Marine Plastics", ERIA, [23 November 2021]
Presentation, "SEA of Solutions Back-to-Back Meeting, Building Synergy and Collaboration on Plastics in the ASEAN Member States: Towards Integrated Solutions to Marine Plastic Pollution", ERIA, IGES, IGES-CCET, [19 November 2021]	

RESEARCHER	ONLINE INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
	<p>Opening and closing remark, "PSP Event Series 1: "How Private Sectors in Indonesia Combat Marine Plastic Debris", ERIA, [21 September 2021]</p> <p>Presentation, "ERIA's Experts Working Group on MPD first 2 days meeting", ERIA/IGES/IGES-CCET, [2-3 September 2021]</p> <p>Presentation, "ERIA's RKC-MPD activities with Japan Clean Ocean Material Alliance (CLOMA) members", CLOMA, [2 July 2021]</p> <p>Closing remarks & moderator, "ASEAN on Point: How Policies can Support the Private Sector in Combatting Marine Plastic Debris", ERIA & ASEC, [17 June 2021]</p> <p>Presentation, "Sustainable Consumption and Production, Green Growth and COVID-19 Economic Recovery", ASEAN Center for Biodiversity, Small Grants Program (SGP), the Institutional Strengthening of Biodiversity Sector in the ASEAN (ISB II), [11 June 2021]</p> <p>Presentation, "Regional Webinar Series #2: Southeast Asia on COVID-19 & Plastic Pollution: Reflections and lessons from South East Asia", AIT/UNEP, {2 April 2021}</p>
Dionisius NARJOKO	<p>Speaker, Kajian Sektor Manufaktur Indonesia, in Webminar Book Launch: Manufacturing Sector Review by Indonesia Development Forum 2021, Bappenas and ERIA [17 November 2021]</p> <p>Speaker/ Towards More Facilitating Global Value Chain: RCEP Commitments in Services/ Unlocking RCEP for Business: Trade in Services/ ASEAN Secretariat and East Asia Business Council (EABC)/ Jakarta, Indonesia, online, 12 October 2021.</p> <p>Speaker/ ASEAN COVID-19: Road to Recovery/10th ERIA Editors' Roundtable/ ERIA/ Jakarta, Indonesia, online, 8 October 2021.</p> <p>Speaker/ Strengthening ASEAN Economic Community: Agenda for Beyond 2025/ Ambassadors Meeting of ERIA Member States and Dialogue Partners/ ERIA/ Jakarta, Indonesia, online, 6 October 2021.</p> <p>Speaker/ AOIP untuk Pembangunan Ekonomi Indonesia/ Focus Group Discussion (FGD) "Pemetaan Strategi Implementasi ASEAN Outlook on the Indo Pacific dalam Kerangka Pengembangan Ekonomi Nasional"/ Ministry of Foreign Affairs Republic of Indonesia/ Jakarta, Indonesia, online, 10 September 2021.</p> <p>Speaker/ Kebijakan Perdagangan, Investasi, dan Industri untuk GVC: Isu Strategis Perundingan G20/Konsinyering Pendalaman Substansi Isu Reliable Global Value Chains (GVCs) sebagai Salah Satu Usulan Isu Prioritas G20 Trade, Investment, and Industry Working Group (TIIWG) pada Presidensi G20 Indonesia tahun 2022/ Ministry of Trade Republic of Indonesia/ Jakarta, Indonesia, online, 10 May 2021.</p> <p>ASEAN Economic Community: Learning from the Past, Embracing the Future/Meetings for an Exchange of Views Between and Among Speaker, African Stakeholders and JICA Toward Implementation of the AfCFTA/ JICA/ Jakarta, Indonesia, online, 10 May 2021.</p>
Keita OIKAWA	<p>Speaker, 2021 National Dialogue on Government Procurement with the theme: 'Implementation Strategy for Strengthening MSEs through Government Procurement of Goods/Services' by Lembaga Kebijakan Pengadaan Barang/Jasa Pemerintah on 21 October 2021.</p>

RESEARCHER	ONLINE INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
Anita PRAKASH	Lecturer, Winter School on EU-ASIA Relations in a Multipolar World, by Manipal Centre for European Studies - Jean Monnet Centre of Excellence –[12 January 2022].
	Panelist, The Partnership Summit 2021, Partnering for Building a New World: Growth, Competitiveness, Sustainability, Technology by Confederation of Indian Industry [13-15 December 2021]
	Speaker, Working in Solidarity and Focusing on Development to Promote China-ASEAN Comprehensive Strategic Partnership by China Institute for Reform and Development (CIRD), Chinese People's Institute of Foreign Affairs (CPIFA) and Center for Strategic and International Studies (CSIS, Indonesia), and East Asian Institute, National University of Singapore [11 December 2021]
	Speaker, JEF ASIA PASIFIC FORUM by Japan Economic Foundation, [3 December 2021]
	Observer, 13th ASEM Summit by Ministry of Foreign Affairs and International Cooperation, Cambodia [25-26 November 2021].
	Speaker, Virtual Brainstorming Session: T20 Reforms for Upcoming G20 Developing Country Presidencies by Research and Information System for Developing Countries (RIS) [24 November 2021].
	Speaker, Berlin Conference on Asian Security, by Stiftung Wissenschaft und Politik [18-19 November 2021].
	Speaker, ASEM 13 Plenary Study Book Launch, by Ministry of Foreign Affairs and International Cooperation, Cambodia [11 November 2021]
	Speaker, RSIS: Economic Multilateralism for Post-COVID-19 Recovery by Nanyang Technological University [9 November 2021]
	Speaker, Economic Cooperation beyond the pandemic: Trends and Challenges in the Indo-Pacific region by Clingendael Academy [20 July 2021]
	Speaker, Transforming Asian Economies: Towards shared gains, by OECD [22 June 2021]
Moderator, 9th OECD-AMRO-ADB/ADBI-ERIA Asian Regional Roundtable by OECD, AMRO Asia, ADB, ADBI, ERIA [15-16 June 2021]	
Alloysius Joko PURWANTO	Panelist, ASEAN Energy Outlook Forum 2022, ASEAN Centre for Energy, 11 January 2022
	Speaker on the "Future Urban Mobility Development Framework to Maximize Benefits of Plug-in Electric Vehicle Penetration in ASEAN Countries", World Class Professor (WCP) Program, Bandung Institute of Technology, 30 November 2021
	Panelist, #8 ARNECC Paper Talks – Does Indonesia gain from ASEAN-ANZ FTA? A Trade Analysis of Oil, Gas and Mining Products, ASEAN Centre for Energy, 26 October 2021
	Speaker on the "Role of Clean Fuels in Transport", Indonesia Energy Transition Dialogue 2021, Indonesia Clean Energy Forum – Institute for Essential Services Reform, 23 September 2021
	Moderator, Panel Session 3: Net Zero Emission Scenarios of ASEAN Countries, 4th East Asia Energy Forum, Economic Research Institute for ASEAN and East Asia, 13 September 2021
	Speaker on the "Current Status of the Road Freight Fleet in Indonesia and Potential Pathways towards Improving Its Environmental Performance", 6th International Symposium on Heavy Vehicle Transport & Technology, 7 September 2021
Speaker on the "Natural Gas Demand and Use in ASEAN", ASEAN – Russia Energy Forum, 15 July 2021	

RESEARCHER	ONLINE INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
Rashesh SHRESTHA	"Impact of ASEAN Trade in Goods Agreement (ATIGA) on intra-ASEAN trade," RIN Online Workshop, IDE-JETRO, Bangkok [Virtual] – 15 Nov 2021
Keisuke UEDA	Speaker, 'Cross-border Electricity Exchange' at Clean Energy Transition for post-COVID Resilience in ASEAN by Joint Graduate School of Energy and Environment (JGSEE), Centre of Experience on Energy Technology & Environment (CEEPERDO), King Mongkut's University of Technology (KMUTT), Embassy of Japan in Thailand. Asia Pacific Urban Energy Association (APUEA), Informa Markets. [14 October 2021]
Fauziah ZEN	<p>Presenter, "Beyond The New Southern Policy Plus: ASEAN-ROK Connectivity and Cooperation. Session 3 Progress and Future Prospects in the Field of 'Prosperity', [New Southern Policy Plus: Vision, Progress, and the Future] [Korea Institute for International Economic Policy (KIEP), the Presidential Committee on New Southern Policy Korea, and the National Research Council for Economics, Humanities, and Social Sciences] [Seoul, 8 December 2021]</p> <p>Speaker, Presidensi G20: Peluang dan Tantangan Pemulihan Pascapandemi. Webinar Series by Faculty of Economy, Universitas Indonesia [10 November 2021]</p> <p>Speaker, "Capital markets' role in relief and recovery", [The 16th Asia Bond Markets Summit] [The Asset Event Plus] [Hong Kong, 8 November 2021]</p> <p>Speaker, "Financing Opportunities for Urban Development", [ASEAN Sustainable Urbanisation Forum] [UN Habitat] [Jakarta, 8 October 2021]</p> <p>Speaker, "Maintaining Resilient Infrastructure Systems", [Special Session in 16th IRSA International Conference] [Yogyakarta, IRSA Indonesia] [13 July 2021]</p> <p>Chair, "Connectivity and Implementation of MPAC 2025 in Thailand" [Strengthening Partnership for Connectivity in Thailand, Mekong and ASEAN: NSP Connectivity Forum] [Mission of the Republic of Korea to ASEAN] [Bangkok, 22 June 2021]</p> <p>Speaker, "Cross-Border Data Management and Regional Value Chain", ["INTERSECTING: Sustainable Way to Implement Post COVID-19 Recovery"] [Global Solution Initiative] [20 May 2021]</p> <p>Panelist, <i>UNFPA Webinar: "Leave No One Behind" COVID-19 Responses for Vulnerable Women and Older Persons</i> by Bappenas, UNFPA. [Jakarta 3 June 2021]</p>



Annex H

Media Exposure

2022				
NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
1	Cambodia's Path to Electric Vehicles	Cambodianess	Dr Phoumin was quoted	31 March
2	Reinforcing G20 and regional trade key to Asia recovery	Financial Review	Mari Pangestu and Lili's op-ed has been published	29 March
3	Russia's war and its regional impact	The Bangkok Post	Kavi Chongkittavorn's oped was published	29 March
4	EV battery report: Thailand has the most comprehensive EV roadmap among all SEA countries	DigiTimes Asia	ERIA's research was mentioned	28 March
5	Myanmar Junta Takes Cautious Steps With ASEAN on International Aid Access	The Irrawady	Kavi Chongkittavorn's oped was published	28 March
6	G20 and RCEP key to powering global recovery and development	East Asia Forum	Mari Pangestu and Lili's op-ed has been published	27 March
7	Europe's security challenges in the years ahead	Thai PBS	Kavi Chongkittavorn's oped was published	25 March
8	RCEP could push Cambodia to graduate from LDC status by 2028: Minister	Cambodia Daily	Monograph launch and workshop 'Regional Comprehensive Economic Partnership: Implications, Challenges and Future Growth of East Asia and was covered	24 March
9	RCEP could help Kingdom graduate from LDC status by 2027	The Khmer Times	Monograph launch and workshop 'Regional Comprehensive Economic Partnership: Implications, Challenges and Future Growth of East Asia and was covered	24 March
10	Preventing a proxy war in Myanmar	The Bangkok Post	Kavi Chongkittavorn's oped was published	22 March
11	RCEP could push Cambodia to graduate from LDC status by 2028: Minister	Fibre 2 Fashion	Monograph launch and workshop 'Regional Comprehensive Economic Partnership: Implications, Challenges and Future Growth of East Asia and was covered	21 March
12	Cambodia sees gains begin flowing from RCEP agreement	The Khmer Times	Monograph launch and workshop 'Regional Comprehensive Economic Partnership: Implications, Challenges and Future Growth of East Asia and was covered	20 March

2022				
NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
13	Fragile gains for New Zealand in 2021	East Asia Forum	Gary Hawke's op-ed was published	19 March
14	Gains begin flowing from RCEP agreement	China Daily	Monograph launch and workshop 'Regional Comprehensive Economic Partnership: Implications, Challenges and Future Growth of East Asia and was covered	19 March
15	Gains begin flowing from RCEP agreement	China.org	Monograph launch and workshop 'Regional Comprehensive Economic Partnership: Implications, Challenges and Future Growth of East Asia and was covered	19 March
16	ASEAN's Strategy in Myanmar	The Irrawady	Kavi Chongkittavorn's op-ed was published	18 March
17	Cambodia may exit Least Developed Country status 'by 2028' on RCEP	Asia News Network	Monograph launch and workshop 'Regional Comprehensive Economic Partnership: Implications, Challenges and Future Growth of East Asia and was covered	17 March
18	Malaysia to participate in ATIGA Upgrade Negotiations	The Sun Daily	ERIA was mentioned	17 March
19	Towards circular supply chains	Borneo Bulletin	Dr Anbu's op-ed was published	15 March
20	Cambodian minister praises RCEP as driver for regional economic recovery	Macau News Agency	Monograph launch and workshop 'Regional Comprehensive Economic Partnership: Implications, Challenges and Future Growth of East Asia and was covered	15 March
21	RCEP set to boost Cambodia exports by 9-18% yearly	The Khmer Times	Monograph launch and workshop 'Regional Comprehensive Economic Partnership: Implications, Challenges and Future Growth of East Asia and was covered	15 March
22	Kingdom may exit LDC 'by 2028' on RCEP	The Phnom Penh Post	Monograph launch and workshop 'Regional Comprehensive Economic Partnership: Implications, Challenges and Future Growth of East Asia and was covered	15 March
23	Cambodian official praises RCEP as driver for regional economic recovery	The Star	Monograph launch and workshop 'Regional Comprehensive Economic Partnership: Implications, Challenges and Future Growth of East Asia and was covered	15 March

2022				
NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
24	Cambodian minister praises RCEP as driver for regional economic recovery	Xinhua	Monograph launch and workshop 'Regional Comprehensive Economic Partnership: Implications, Challenges and Future Growth of East Asia and was covered	15 March
25	Thais split over Russia-Ukraine conflict	The Bangkok Post	Kavi Chongkittavorn's oped was published	15 March
26	India Pledges to Better Plastic Recycling Infra @2nd WeCare Regional Conference	The Policy Times	Mr Michikazu Kojima was quoted	14 March
27	Do FTAs matter for realizing circular supply chains in Asean?	The Jakarta Post	Dr Anbu's op-ed was published	11 March
28	Do FTAs matter for realizing circular supply chains in Asean?	The Manila Times	Dr Anbu's op-ed was published	11 March
29	Asean heads gear for summit with Biden	The Bangkok Post	Kavi Chongkittavorn's oped was published	08 March
30	Asean responds to invasion of Ukraine	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	01 March
31	Cambodia third in RCEP income gains, growth in exports, WB says	The Phnom Penh Post	ERIA's research and activities was cited	27 February
32	Indonesia's Challenge in Reviving G20 for (a stronger and inclusive) Global Economic	The Jakarta Post	Dr Anbu's op-ed was published	25 February
33	Geocycle boosts sustainable programs	The Manila Times	Mr Michikazu Kojima's participation in the 'Extended producer (EPR) bill for Zero Waste Month' was reported	24 February
34	New pragmatism on the rise in Asean	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	22 February
35	SMES urged to embrace ESG values, says MATRADE	The Edge Markets	Dr Lili was quoted	22 February
36	Indonesia's Challenge in Reviving G20 for (a stronger and inclusive) Global Economic	The Manila Times	Dr Anbu's op-ed was published	22 February
37	Indonesia's G20 Amidst Rising Trade Tensions	The Manila Times	Dr Lili's op-ed was published	18 February
38	Indonesia's G20 Amidst Rising Trade Tensions	The Jakarta Post	Dr Lili's op-ed was published	16 February
39	Japan's new model of capitalism in an uncertain world	East Asia Forum	Prof Urata's op-ed was published	15 February

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NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
40	What impact will RCEP rules of origin have on Cambodia?	Cambodia Investment Review	ERIA's co-hosted event 'Unpacking the RCEP Agreement, Public-Private Dialogue 2: The RCEP Rules of Origin and What They Mean for Cambodia' was covered	11 February
41	Cambodian officials, experts discuss RCEP benefits	Xinhua	ERIA's co-hosted event 'Unpacking the RCEP Agreement, Public-Private Dialogue 2: The RCEP Rules of Origin and What They Mean for Cambodia' was covered	11 February
42	Konektivitas digital dan fisik sama pentingnya	Aksara Data	Prof Fukunari Kimura's participation in T20 forum was reported	10 February
43	Konektivitas digital dan fisik sama pentingnya	Antara News	Prof Fukunari Kimura's participation in T20 forum was reported	10 February
44	Konektivitas digital dan fisik sama pentingnya	Cinta NKRI	Prof Fukunari Kimura's participation in T20 forum was reported	10 February
45	Konektivitas digital dan fisik sama pentingnya	Sinar Harapan	Prof Fukunari Kimura's participation in T20 forum was reported	10 February
46	Clear guides for RCEP benefits still elusive	The Phnom Penh Post	ERIA's co-hosted event 'Unpacking the RCEP Agreement, Public-Private Dialogue 2: The RCEP Rules of Origin and What They Mean for Cambodia' was covered	10 February
47	Konektivitas digital dan fisik sama pentingnya	Wahana News	Prof Fukunari Kimura's participation in T20 forum was reported	10 February
48	Konektivitas digital dan fisik sama pentingnya	Yahoo! Berita	Prof Fukunari Kimura's participation in T20 forum was reported	10 February
49	Thailand revamps Middle East strategy	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	08 February
50	Asia faces billions in stranded assets if gas becomes energy pariah	Nikkei Asia	Dr Phoumin was quoted	06 February
51	Financing circular economy futures in the Global South	Global Soluttion Initiative	Dr Anbu's op-ed was published	01 February
52	Marine Governance in Asia: A Case for India-ASEAN-South Korea Cooperation	Observer Research Foundation	ERIA was mentioned	01 February
53	Building an inclusive ASEAN through human-centred, sustainable and resilient partnership	OECD event highlight	ERIA was mentioned	01 February

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NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
54	Myanmar's crisis and emerging traps	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	01 February
55	Business bosses share insights on empowering Asia's rural women entrepreneurs	Khmer Times	'Women Entrepreneurs: Focusing at the Grassroots' webinar which was co-hosted by ERIA and CIIE.CO was covered	31 January
56	A new chapter in Japan's Asia policy	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	25 January
57	Regional governments key to tackling climate change	The Jakarta Post	An op-ed written by Ms Citra Endah Nur Setyawati and Dr Venkatachalam Anbumozhi	24 January
58	Regional governments key to tackling climate change in Indonesia	The Manila Times	An op-ed written by Ms Citra Endah Nur Setyawati and Dr Venkatachalam Anbumozhi	20 January
59	Cambodia's chair: trust and tasks ahead	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	18 January
60	Japan says its companies need to adapt to prosper in ASEAN	Khmer Times	'The Next Chapter of ASEAN and Japan Economic Cooperation in the Post-Pandemic Era' which was co-hosted by Foreign Policy Community of Indonesia, Economic Research Institute for ASEAN and East Asia (ERIA), the Ministry of Economy, Trade, and Industry of Japan (METI), and the ASEAN-METI Economic Cooperation Committee was covered	12 January
61	ASEAN-Japan ties – The next chapter	Thai PBS	'The Next Chapter of ASEAN and Japan Economic Cooperation in the Post-Pandemic Era' which was co-hosted by Foreign Policy Community of Indonesia, Economic Research Institute for ASEAN and East Asia (ERIA), the Ministry of Economy, Trade, and Industry of Japan (METI), and the ASEAN-METI Economic Cooperation Committee was covered	11 January
62	Jepang Siapkan Investasi USD10 Miliar Dukung Transisi Energi di ASEAN	Asia Today	'The Next Chapter of ASEAN and Japan Economic Cooperation in the Post-Pandemic Era' which was co-hosted by Foreign Policy Community of Indonesia, Economic Research Institute for ASEAN and East Asia (ERIA), the Ministry of Economy, Trade, and Industry of Japan (METI), and the ASEAN-METI Economic Cooperation Committee was covered	11 January

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NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
63	Segeral Cari Solusi Ekspor Batubara	Rakyat Merdeka	'The Next Chapter of ASEAN and Japan Economic Cooperation in the Post-Pandemic Era' which was co-hosted by Foreign Policy Community of Indonesia, Economic Research Institute for ASEAN and East Asia (ERIA), the Ministry of Economy, Trade, and Industry of Japan (METI), and the ASEAN-METI Economic Cooperation Committee was covered	11 January
64	Jepang Mau Buka Lowongan 50 Ribu Pekerja	Rakyat Merdeka	'The Next Chapter of ASEAN and Japan Economic Cooperation in the Post-Pandemic Era' which was co-hosted by Foreign Policy Community of Indonesia, Economic Research Institute for ASEAN and East Asia (ERIA), the Ministry of Economy, Trade, and Industry of Japan (METI), and the ASEAN-METI Economic Cooperation Committee was covered	11 January
65	Jepang Dukung Transisi Energi di Asean	Bisnis.com	'The Next Chapter of ASEAN and Japan Economic Cooperation in the Post-Pandemic Era' which was co-hosted by Foreign Policy Community of Indonesia, Economic Research Institute for ASEAN and East Asia (ERIA), the Ministry of Economy, Trade, and Industry of Japan (METI), and the ASEAN-METI Economic Cooperation Committee was covered	11 January
66	Indo-Pacific and the ascent of SE Asia	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	11 January
67	Jepang Inisiatifkan Investasi Masa Depan Buat Asean	Tribun News	'The Next Chapter of ASEAN and Japan Economic Cooperation in the Post-Pandemic Era' which was co-hosted by Foreign Policy Community of Indonesia, Economic Research Institute for ASEAN and East Asia (ERIA), the Ministry of Economy, Trade, and Industry of Japan (METI), and the ASEAN-METI Economic Cooperation Committee was covered	10 January
68	ASIA-Japan Investing for the Future Initiative Announced	The Market Screener	'The Next Chapter of ASEAN and Japan Economic Cooperation in the Post-Pandemic Era' which was co-hosted by Foreign Policy Community of Indonesia, Economic Research Institute for ASEAN and East Asia (ERIA), the Ministry of Economy, Trade, and Industry of Japan (METI), and the ASEAN-METI Economic Cooperation Committee was covered	10 January

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NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
69	Melihat 3 Prinsip Soal Peningkatan Hubungan Ekonomi Jepang-ASEAN	Liputan 6	'The Next Chapter of ASEAN and Japan Economic Cooperation in the Post-Pandemic Era' which was co-hosted by Foreign Policy Community of Indonesia, Economic Research Institute for ASEAN and East Asia (ERIA), the Ministry of Economy, Trade, and Industry of Japan (METI), and the ASEAN-METI Economic Cooperation Committee was covered	10 January
70	Indonesia Larang Ekspor Batu Bara, Ini Komentar Ekonom Jepang	Medcom	'The Next Chapter of ASEAN and Japan Economic Cooperation in the Post-Pandemic Era' which was co-hosted by Foreign Policy Community of Indonesia, Economic Research Institute for ASEAN and East Asia (ERIA), the Ministry of Economy, Trade, and Industry of Japan (METI), and the ASEAN-METI Economic Cooperation Committee was covered	10 January
71	Potensi Kerja Sama ASEAN dan Jepang di Tengah Tantangan	Tempo	'The Next Chapter of ASEAN and Japan Economic Cooperation in the Post-Pandemic Era' which was co-hosted by Foreign Policy Community of Indonesia, Economic Research Institute for ASEAN and East Asia (ERIA), the Ministry of Economy, Trade, and Industry of Japan (METI), and the ASEAN-METI Economic Cooperation Committee was covered	10 January
72	RCEP and the Kingdom – is it good... and bad?	The Phnom Penh Post	ERIA's research and activities was cited	06 January
73	MyAgeing gets special award for Covid-19 response	The Malaysian Reserve	ERIA's research and activities was cited	05 January
74	Malaysia's path to becoming ageing nation fast even by global standards	The New Strait Times	ERIA's research and activities was cited	04 January
75	Cambodia: Asean's spoiler or saviour?	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	04 January

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NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
1	Concerns remain in Indonesia over impact of joining RCEP Video	Channel News Asia	Dr Lili was interviewed	29 December
2	New 'centre of gravity' for global trade	Borneo Bulletin	Dr Lili Yan Ing's op-ed has been published	27 December
3	Implementation of RCEP to boost Cambodia's economic growth	Khmer Times	ERIA's research was cited	25 December
4	Venkatachalam Anbumozhi: Strengthening regional cooperation to stimulate green momentum	Global China Daily	Dr Anbu's participation in the Global Strategic Dialogue 2021 was covered	24 December
5	Global Strategic Dialogue 2021: The Webinar for Open Global Economy	China Daily	Dr Anbu's participation in the Global Strategic Dialogue 2021 was covered	23 December
6	Multilateralism stressed at forum	Enapp	Dr Anbu's participation in the Global Strategic Dialogue 2021 was covered	22 December
7	观中国 顺应时代发展潮流，共建开放型世界经济 (Looking at China Conform to the Development Trend of the Times and Jointly Build an Open World Economy)	Weixin	Dr Anbu's participation in the Global Strategic Dialogue 2021 was covered	22 December
8	ASEAN training course connects women-led SMEs	Viet Nam Plus	ERIA's research was cited	21 December
9	Lauding RCEP: free trade for (almost) all	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	21 December
10	What does the RCEP mean for Indonesia?	The Manila Times	Dr Lili Yan Ing's op-ed has been published	20 December
11	RI will benefit from RCEP but has yet to ratify it	The Jakarta Post	Dr Lili Yan Ing's op-ed has been published	17 December
12	Colloquium of the SDGs Interlinkage Study in Indonesia	SDG Center, UNPAD	Dr Anbu was quoted	17 December
13	Cambodia's Mismatch of Solar Potential and Energy Harvesting	VoA Cambodia	Dr Phoumin was quoted	16 December
14	Financing the climate pledge	The Borneo Bulletin	Dr Venkatachalam Anbumozhi's op-ed	13 December
15	Japan's carbon neutrality challenge	East Asia Forum	Prof Jun Arima's op-ed was published	09 December
16	Small steps can lead to big strides on climate incentives	China Daily	Dr Venkatachalam Anbumozhi's op-ed	09 December

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NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
17	Building back better from Covid-19 for a greying society	Indonesia at Melbourne, University of Melbourne's website	ERIA's research was cited	09 December
18	STEM has a gender problem. We must address it in the COVID-19 recovery	World Economic Forum Website	Dr Giulia Ajmone Marsan's op-ed which was written together with Ravindra Ngo was published	09 December
19	Region's energy transition gains momentum	Borneo Bulletin	Dr Phoumin's op-ed was published	08 December
20	Thailand-UN at 75: Peace and security	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	07 December
21	Digital economy must not be discriminatory towards women	The Malaysian Reserve	ERIA's research was cited	01 December
22	Govt backs information as public good	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	30 November
23	The Economics of COP 26: How to Mobilize the Trillion Dollars to Meet the Net Zero Targets?	The Market Screener	Dr Venkatachalam Anbumozhi's op-ed was published	30 November
24	Catching up with the increasing plastic waste: Voluntary initiatives alone are no longer enough	The Market Screener	An op-ed by By Mr Hendro Putra Johannes and Ms Ayako Mizuno was published	30 November
25	REGIONAL:COP26 AND THE END OF COAL: ASEAN NEEDS A PLAN	Asia Views	Dr Phoumin's op-ed was published	29 November
26	Mobilising USD 1 trillion for climate finance	The New Indian Express	Dr Venkatachalam Anbumozhi's op-ed was published	28 November
27	The economics of COP26: How to mobilize \$1 trillion needed to meet net zero target	The Manila Times	Dr Venkatachalam Anbumozhi's op-ed	27 November
28	Industrial Revolution 4.0 needs more women to drive inclusive recovery	The Jakarta Post	Dr Giulia Ajmone Marsan's op-ed which was written together with Ravindra Ngo was published	27 November
29	Bappenas-ERIA Susun Strategi Pengembangan Industri Manufaktur Indonesia	Suara Merdeka	The 'Indonesia Manufacturing Review' book launch was covered	27 November
30	COP26 AND THE END OF COAL: ASEAN NEEDS A PLAN	Italian Trade Agency	Dr Phoumin's op-ed was published	26 November

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NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
31	Fourth Industrial Revolution needs more women and girls to drive post-pandemic recovery	The Manila Times	Dr Giulia Ajmone Marsan's op-ed which was written together with Ravindra Ngo was published	26 November
32	Reframing plastic pollution requires incentives for producers, consumers	Asia News Network	ERIA's activities was mentioned	25 November
33	ASEAN Creative Economy Business Forum resmi berakhir: Digitalisasi dan Kolaborasi adalah Kunci Kemajuan Ekraf di Kawasan	Kemlu website	ERIA's participation in the ASEAN Creative Economy Business Forum was mentioned	24 November
34	Reframing plastic pollution requires incentives for producers, consumers	China Daily	An op-ed by By Mr Hendro Putra Johannes and Ms Ayako Mizuno was published	24 November
35	Bappenas-ERIA susun strategi pengembangan industri manufaktur nasional	Antara News	The 'Indonesia Manufacturing Review' book launch was covered	23 November
36	COP26 and the end of coal: Asean needs a plan	The Manila Times	Dr Phoumin's op-ed was publisher	23 November
37	Thai sway on Paris more than food	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	23 November
38	Drowning in plastic	Borneo Bulletin	An op-ed by By Mr Hendro Putra Johannes and Ms Ayako Mizuno was published	22 November
39	Ekonom: Pertumbuhan Manufaktur RI Lambat Bukan Berarti Deindustrialisasi	Kumparan	The 'Indonesia Manufacturing Review' book launch was covered	17 November
40	Fighting plastic waste: Voluntary initiatives no longer enough	The Jakarta Post	An op-ed by By Mr Hendro Putra Johannes and Ms Ayako Mizuno was published	17 November
41	Policy on Myanmar must be prudent	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	16 November
42	Aiming for net-zero emissions	Borneo Bulletin	Dr Venkatachalam Anbumozhi's op-ed was published	15 November
43	Cambodia launches ASEM13 Plenary Study Book	Khmer Times	The '13th Asia-Europe Summit: Multilateral Cooperation for a Resilient, Sustainable, and Rules-Based Future for ASEM' book launch event was covered	12 November
44	Book highlights multilateralism pathway for stronger Asia-Europe ties	Khmer Times	The '13th Asia-Europe Summit: Multilateral Cooperation for a Resilient, Sustainable, and Rules-Based Future for ASEM' book launch event was covered	12 November

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45	Plastic waste: Voluntary initiatives alone are no longer enough	The Manila Times	An op-ed by By Mr Hendro Putra Johannes and Ms Ayako Mizuno was published	11 November
46	Climate action will benefit economies as well as people	Global China Daily	Dr Venkatachalam Anbumozhi's op-ed was published	10 November
47	Thailand's high stakes for Apec 2022	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	09 November
48	The ESG Practices Of Chinese State-Owned Enterprises In Cambodia – Analysis	ISEAS - Yusof Ishak Institute	ERIA's research was cited	08 November
49	Can Glasgow COP 26 Save the Planet? Transforming Climate Fatigue into People Centric Climate Actions	The Market Screener	Dr Venkatachalam Anbumozhi's op-ed was published	04 November
50	Cambodia takes to global stage again	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	02 November
51	Japan set to take lead in achieving Asian net-zero goals	The Japan Times	ERIA's activities was mentioned	01 November
52	For Future Sake	The Borneo Bulletin	14th ERIA Governing Board Meeting was covered	01 November
53	India's Big Promises on ASEAN-Focused Projects – How Have They Fared?	The Wire	ERIA's research was mentioned	29 October
54	Jokowi floats CPO export ban. Infeasible, experts say	The Jakarta Post	Dr Alloysius Joko Purwanto was cited	27 October
55	Technology key to ensuring sustainability	The Borneo Bulletin	Prof Hidetoshi Nishimura's participation in The ASEAN Business and Investment Forum was reported	26 October
56	ERIA President: ASEAN Should Focus on Digital Tech for Supply Chain Resilience	The Market Screener	Prof Hidetoshi Nishimura's participation in The ASEAN Business and Investment Forum was reported	26 October
57	China's inclusion in CPTPP to give ASEAN shot in the arm	The Edge Markets	Dr Aladdin Rillo was quoted	26 October
58	Asean leaders face off with big powers	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	26 October
59	Converting Northeast as economic hotspot can energise ASEAN-India partnership	The Economic Times	Dr Venkatachalam Anbumozhi's participation in a webinar 'Harnessing Connectivity and Supply Chain Resilience was covered	21 October
60	Boosting human rights in Thailand	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	19 October

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NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
61	Dual task: Save Asean, save Myanmar	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	12 October
62	ASEAN raises US\$10 million in humanitarian aid for crisis-hit Myanmar	The Scoop	The 10th ERIA Editors' Roundtable: 'Overcoming COVID-19: From Adversity to Opportunity' was covered	09 October
63	Partisipasi Perempuan untuk Dapat Akses Lebih Tinggi Kian Dibutuhkan di ASEAN	Kompas	Prof Akiko Yamanaka's participation in a webinar titled 'Women's Participation in the Digital Economy' was covered	09 October
64	After 130 km flight test, BioAvtur progresses to pre-commercial stage	The Jakarta Post	Dr Alloysius Joko Purwanto was cited	08 October
65	Digitalisasi Bantu Perempuan Pulihkan Ekonomi	Valid News	Prof Akiko Yamanaka's participation in a webinar titled 'Women's Participation in the Digital Economy' was covered	08 October
66	Menteri PPPA Percepat Pemberdayaan Perempuan Lewat Ekonomi Digital	Berita Satu	Prof Akiko Yamanaka's participation in a webinar titled 'Women's Participation in the Digital Economy' was covered	08 October
67	Duh! Pekerja Perempuan di Sektor Teknologi Masih Timpang	Warta Ekonomi	Prof Akiko Yamanaka's participation in a webinar titled 'Women's Participation in the Digital Economy' was covered	08 October
68	Percepat Pemberdayaan Ekonomi Perempuan di ASEAN, Tingkatkan Digitalisasi Ekonomi & Pemulihan Inklusif Gender	Kontan	Prof Akiko Yamanaka's participation in a webinar titled 'Women's Participation in the Digital Economy' was covered	07 October
69	Need to standardise travel and health protocols across countries: Asean ministers	The Straits Times	Dr Aladdin Rillo was quoted	06 October
70	Asean can live with Quad and Aukus	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	05 October
71	Ministerial meeting backs need to strive for Paris Agreement	S&P Global	ERIA's research was mentioned	04 October
72	On Aukus, did Locsin speak for the President?	The Manila Times	Mr Kavi Chongkittavorn was quoted	03 October
73	Brunei banks on technology to preserve its economic lifeline: fossil fuel	Eco Business	ERIA's research was mentioned	02 October
74	AUKUS threatens , not just China	Khmer Times	Mr Kavi Chongkittavorn was quoted	01 October

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NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
75	Role of natural gas in low-carbon future on focus at GECF workshop	The Gulf Times	ERIA's participation in GECF 4th Workshop on the Promotion of Natural Gas Demand, was recorded	30 September
76	Decarbonisation, the SE Asian way	The Bangkok Post	The 4th East Asia Energy Forum, held on 13 September was featured	29 September
77	Thailand's 'Next Normal' vision at UN	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	28 September
78	Southeast Asia's balancing act between its climate goals and other priorities	ABS-CBN news	The 4th East Asia Energy Forum, held on 13 September was featured	27 September
79	Penggunaan BBN Dari Minyak Sawit di Indonesia Sangat Besar, Tapi Lahan Kelapa Sawit Semakin Sedikit	Tribun Jabar	Dr Alloysius Joko Purwanto was quoted	25 September
80	Kendaraan Listrik Opsi Transportasi Ramah Lingkungan	Dunia Energi	Dr Alloysius Joko Purwanto was quoted	24 September
81	Ranlis Opsi Efektif Penyediaan Transportasi Ramah Lingkungan	Radar Bali	Dr Alloysius Joko Purwanto was quoted	24 September
82	Pemulihan Ekonomi Sedang Berlangsung di Tengah Puncak Covid-19	Kompasiana	Dr Aladdin Rillo was quoted	24 September
83	Recycling start-ups say funding still challenging	The Jakarta Post	"RKC-MPD webinar 'How Private Companies in Indonesia Combat Marine Plastic Debris' was recorded"	24 September
84	Digitalization And RCEP To Boost Regional Economic Integration	Eurasia Review	Dr Aladdin Rillo was quoted	23 September
85	Decarbonization, the Southeast Asian Way	Reporting ASEAN	The 4th East Asia Energy Forum, held on 13 September was featured	23 September
86	We must end torture in all its forms	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	21 September
87	Senate approves draft laws on RCEP, bilateral FTA with China	The Phnom Penh Post	ERIA's research was mentioned	21 September
88	Meeting highlights ASEAN-UK commitment to bilateral trade	Borneo Bulletin	ERIA's research was mentioned	18 September
89	India, East Asian partners collaboration to benefit health infra amidst COVID-19: Anupriya Patel	Biospectrum	ERIA's research was mentioned	16 September

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NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
90	Cambodia seeks clean affordable technologies in energy development	Khmer Times	The 4th East Asia Energy Forum, held on 13 September was featured	15 September
91	UK-ASEAN Joint declaration	UK Government website	ERIA's research was mentioned	15 September
92	Biden's doctrine and regional fallout	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	14 September
93	Palm oil-based jet fuel makes late debut in Indonesia	The Jakarta Post	Dr Alloysius Joko Purwanto was cited	13 September
94	Palm oil-based jet fuel finally makes its debut in Indonesia	The Star	Dr Alloysius Joko Purwanto was quoted	12 September
95	6th Webinar "Promoting Green Growth and Energy Transition in ASEAN region"	DISG's YouTube	Dr Lurong Chen's participation was recorded and posted in DISG's YouTube	10 September
96	Thailand plans cultural centre in China	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	07 September
97	AMEICC monthly newsletter volume 11	AMEICC monthly newsletter	Dr Han Phoumin's participation in The 6th DISG Webinar of the Series: 'Promoting Green Growth and Energy Transition in ASEAN region' was covered	02 September
98	Biden's fault lines in SE Asia	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	31 August
99	ASEAN remains a fast growing region despite the pandemic	Borneo Bulletin	ERIA's research was mentioned	31 August
100	As Asean's foot-dragging fuels anger in Myanmar, what next for 'special envoy' Erywan Yusof?	South China Morning Post	Mr Kavi Chongkittavorn was quoted	28 August
101	Ripe time to give ICT education for girls a boost	The Bangkok Post	ERIA's research was mentioned	25 August
102	Washington gets serious about the Mekong	Nikkei Asia	Mr Kavi Chongkittavorn was quoted	25 August
103	Taliban 2.0: Regional, global impacts	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	24 August
104	Focus on ASEAN-partners trade, investment progress	Borneo Bulletin	ERIA's participation in the 10th SEOM-East Asia Summit (EAS) Consultations was reported	20 August
105	US-Thai Cobra Gold drills wither at 40	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	17 August
106	Asean at 54: In need of some speed	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	10 August

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NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
107	Trade draft laws 'effective in 2021'	The Phnom Penh Post	ERIA's research was mentioned	05 August
108	US urges Asean to stand up to China	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	03 August
109	Hydrogen economy can help reduce greenhouse gases: Minister	Daily Express	ERIA's research was mentioned	28 July
110	Brunei's chairmanship is truly Asean	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	27 July
111	Hydrogen economy can help Malaysia reduce greenhouse gases, says minister	The Edge Markets	ERIA's research was mentioned	27 July
112	New US push: Vaccine and Mekong	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	20 July
113	East Asia must embrace greater labor mobility after the pandemic	Nikkei Asia	Dr Rashesh's op-ed was published	17 July
114	'Businesses need more information on how to profit from trade deal'	Khmer Times	ERIA's activities was covered	16 July
115	Japan-Australia Ministerial Economic Dialogue	Trade Minister AU	ERIA's activities was covered	15 July
116	How will East Asia's Digital Transformation Change the Global Value Chain? #2 Presentation 2	RIETI's YouTube	Dr Lurong Chen's participation in RIETI-ERIA Open BBL Webinar, recorded and posted in RIETI's YouTube	15 July
117	Moscow Reasserts Itself in Southeast Asia	The Irrawady	Mr Kavi Chongkittavorn's op-ed was published	14 July
118	Russia is back and it's a little bit better	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	13 July
119	Israeli tech helping Southeast Asian farmers	Far Eastern Agriculture	ERIA's research was mentioned	12 July
120	On road to recovery	Borneo Bulletin	ERIA's activities was covered	10 July
121	Can Thailand's vibrant media be self-regulated?	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	06 July
122	ASEAN takes on Circular Economy as part of priority agenda	Thailand Business News	ERIA's activities was covered	05 July
123	ASEAN Cold Chain Logistics Market - Growth, Trends, COVID-19 Impact, and Forecasts (2021 - 2026)	Yahoo Finance	ERIA's research was mentioned	02 July

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NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
124	Sustainability in palm oil industry	Borneo Bulletin	Dr Anbu's op-ed was published	01 July
125	Carbon capture technology an important pillar for Southeast Asia to tackle climate change, say experts	Channel News Asia	ERIA's activities was covered	01 July
126	"Digital and Space-Based Technologies for Climate Change Adaptation and Resilience"	Asia Pacific Tech Monitor	Dr Venkatachalam Anbumozhi's op-ed	01 July
127	CPTPP procrastination not an option	The Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	29 June
128	Toward sustainable palm oil production and trade	The Jakarta Post	Dr Anbu's op-ed was published	28 June
129	The First Asian Carbon Capture Utilization And Storage Network Has Launched	Carbon Herald	The First Asia CCUS Network Forum which was co-hosted by ERIA and METI Japan was covered	25 June
130	"JOGMEC Participation in the 1st Asia CCUS Network Forum :Promoting International Cooperation to Achieve Carbon Neutrality in Asia"	Japan Oil, Gas, and Metals National Corporation	The First Asia CCUS Network Forum which was co-hosted by ERIA and METI Japan was covered	25 June
131	China 'needs a future coal industry, not a future without coal'	Hellenic Shipping News	The First Asia CCUS Network Forum which was co-hosted by ERIA and METI Japan was covered	24 June
132	Acting Assistant Secretary for FECM Dr. Wilcox Gives Remarks at First Asia CCUS Network Forum	Office of Fossil Energy	The First Asia CCUS Network Forum which was co-hosted by ERIA and METI Japan was covered	24 June
133	ERIA Economic Research Institute for ASEAN and E : Global E-commerce Partnership Gains Two New Members	Market Scener	ERIA's activities was covered	23 June
134	JAPAN'S J-POWER JOINS ASIA CCUS NETWORK	Natural Gas World	The First Asia CCUS Network Forum which was co-hosted by ERIA and METI Japan was covered	23 June
135	Clean tech an 'urgent need' in Cambodia's climate battle	Phnom Penh Post	The First Asia CCUS Network Forum which was co-hosted by ERIA and METI Japan was covered	23 June
136	RCEP could be ratified on Jan 1: ministry	Phnom Penh Post	ERIA's research was mentioned	22 June

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NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
137	Japan, Southeast Asia launch emissions-cut project	NHK World	The First Asia CCUS Network Forum which was co-hosted by ERIA and METI Japan was covered	22 June
138	Japan drives co-operation on carbon capture	Argus Media	The First Asia CCUS Network Forum which was co-hosted by ERIA and METI Japan was covered	22 June
139	The Hydrogen Stream: Off-grid hydrogen power solution based on alkaline fuel cell from Israel, first green hydrogen production in Russia	PV magazine	The First Asia CCUS Network Forum which was co-hosted by ERIA and METI Japan was covered	22 June
140	Can we build back better by Oct 15?	Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	22 June
141	Updates on the ASEAN Economic Community' ASEAN Economic Integration Brief	AEIB	ERIA's activities was covered	22 June
142	Japan proposes \$10 bil in finance for ASEAN renewables, LNG to aid energy transition	S&P Global	ERIA's research was mentioned	21 June
143	Southeast Asia looks to Israeli tech to improve farming techniques	Nikkei Asia	ERIA's research was mentioned	20 June
144	Towards Sustainable Palm Oil Production And Trade	The ASEAN Post	Dr Anbu's op-ed was published	19 June
145	Artificial Intelligence in South East Asia: Upskilling & Reskilling to Narrow Emerging Digital Divides in the Post-Pandemic Recovery	The Georgetown Journal of Asian Affairs	Dr Giulia Ajmone Marsan's article was published	17 June
146	Asean, China promote Asian values	Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	15 June
147	Agriculture, agrifood challenges highlighted	Borneo Bulletin	Prof Hidetoshi Nishimura was quoted	13 June
148	End India meat ban: envoy	Phnom Penh Post	ERIA's activities was covered	10 June
149	Vaccine aid: US catches up with China	Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	08 June
150	Cambodia, Kyrgyzstan mull FTA talks	Phnom Penh Post	ERIA's activities was covered	07 June
151	Dukung Kesetaran Gender di Indonesia, Jepang Kucurkan Dana Rp40 Miliar	IDX Channel	Dr Fauziah Zen was quoted	05 June

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NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
152	Japan seeks 'realistic' energy transition with ASEAN with cleaner fuels	S&P Global	ERIA's activities was covered	04 June
153	UNFPA and Japan commit to "leaving no one behind" in COVID-19 response	Relief Web	Dr Fauziah Zen was quoted	04 June
154	ASEAN, Canada look forward to further discussion on FTA	Fibre 2 Fashion	ERIA's research was mentioned	02 June
155	Thailand must get its act together on US	Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	01 June
156	In search of the middle ground	Khmer Times	Mr Kavi Chongkittavorn's op-ed was published	01 June
157	Potential for circular economy to drive Asean economic growth	World News	Mr Koji Hachiyama was quoted	31 May
158	Searca tapped to craft Asean guidelines on use of digital tech in food, agri sector	Business Mirror	ERIA's research was mentioned	30 May
159	With China on the backfoot in the perception war, India needs to step up its game in Africa	India Narratives	ERIA's research was mentioned	29 May
160	With China on the backfoot in the perception war, India needs to step up its game in Africa	Social News	ERIA's research was mentioned	28 May
161	Searca tapped to help digitalize food sector	Manila Times	ERIA's research was mentioned	27 May
162	ASEAN to receive \$10bn decarbonization support from Japan	Nikkei Asia	ERIA's research was mentioned	26 May
163	ASEAN to receive \$10bn decarbonization support from Japan	Nikkei Asia	ERIA's research was mentioned	26 May
164	Thailand tightens information law	Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	25 May
165	Potential for circular economy to drive Asean economic growth	Edge Markets	Mr Koji Hachiyama was quoted	24 May
166	Negara ASEAN Perlu Tingkatkan Data Management untuk Dorong Upaya Kerjasama	Kumparan	Dr Fauziah Zen was quoted	24 May
167	Give Peace a Chance to End Myanmar Crisis	Irrawaddy	Mr Kavi Chongkittavorn's op-ed was published	24 May
168	More efforts urged to resolve Myanmar crisis	China Daily	Mr Kavi Chongkittavorn was quoted	20 May

2021				
NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
169	Asean must engage with US, China	Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	18 May
170	What Will India's Post-COVID Recovery Look Like?	Brink News	Dr Venkatachalam Anbumozhi's op-ed was published	17 May
171	The Filipino elderly are left behind	ABS-CBN news	ERIA's research was mentioned	13 May
172	Implications of new draft law on NGOs	Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	11 May
173	What is 'carbon trading' in Hong Kong, and how do renewable energy certificates work under 2050 net-zero emissions target	South China Morning Post	ERIA's research was mentioned	06 May
174	Can Power help Biden's foreign policy?	Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	04 May
175	Managing the Long-term Economic Effects of the Flexible Work Arrangements	APEC Economic Committee	ERIA's research was mentioned	01 May
176	Regionalism, multilateralism, and economic integration in ASEAN and East Asia	Global Solution Journal	Prof Hidetoshi Nishimura's article was published	01 May
177	Review on the Economics of Hydrogen Production Technology from Renewable Energy and Its Application Evaluation in ASEAN	Journal of Global Energy Interconnection	Dr Yanfei Li's article was published	01 May
178	'Combining gender equality and digital economy in ASEAN'	ITALIA-ASEAN Newsletter	ERIA's research was mentioned	30 April
179	'Combinare uguaglianza di genere ed economia digitale in ASEAN'	China Files	ERIA's research was mentioned	30 April
180	COVID-19 won't rattle East Asian supply chains	East Asia Forum	Prof Fukunari Kimura's op-ed was published	29 April
181	Recovery through Regional Cooperation: A COVID-19 Response in South-East Asia	ESCAP	Dr Aladdin Rillo was quoted	29 April
182	ASEAN diplomacy buys time for the Tatmadaw	Asia Times	Mr Kavi Chongkittavorn was quoted	27 April
183	Asean in Myanmar crisis 'driver's seat'	Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	27 April
184	Decarbonization transition should leave no one behind, say experts at Rome meeting	China ORG	Prof Jun Arima was quoted	23 April
185	Pertaruhan KTT ASEAN: 'Main Cantik' atau Akui Junta Myanmar	CNN Indonesia	Mr Kavi Chongkittavorn was quoted	22 April

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NO.	TITLE OF NEWS ITEM OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAILS	DATE
186	Virtual meeting between ASEAN Foreign Ministers and Foreign Secretary ASEAN Chairman's statement	Mirage	ERIA's research was mentioned	20 April
187	US creates 3 new entrappings in Asia	Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	20 April
188	Hydrogen power touted for emissions-reducing potential	Business World	'Press Conference: Hydrogen as an Important Part of Carbon Neutrality for ASEAN' was covered	18 April
189	'Hydrogen as an Important Part of Carbon Neutrality for ASEAN	Fuel Cells Work	'Press Conference: Hydrogen as an Important Part of Carbon Neutrality for ASEAN' was covered	16 April
190	The Hydrogen Stream: 39,700 km European hydrogen network planned, Germany means business	PV magazine	'Press Conference: Hydrogen as an Important Part of Carbon Neutrality for ASEAN' was covered	16 April
191	Use of hydrogen touted as a solution to carbon neutrality for ASEAN	Edge Markets	'Press Conference: Hydrogen as an Important Part of Carbon Neutrality for ASEAN' was covered	15 April
192	Use of hydrogen touted as a solution to carbon neutrality for ASEAN	Vietnam Plus	'Press Conference: Hydrogen as an Important Part of Carbon Neutrality for ASEAN' was covered	14 April
193	'ASEAN thúc đẩy sử dụng nhiên liệu tái tạo'	Bao Moi	'Press Conference: Hydrogen as an Important Part of Carbon Neutrality for ASEAN' was covered	14 April
194	UN-Asean cooperation deepens	Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	13 April
195	Support required to help MSMEs accelerate adoption of digital technologies	Philexport Cebu	Dr Giulia Ajmone Marsan was quoted	10 April
196	Myanmar crisis: Asean's next moves	Bangkok Post	Mr Kavi Chongkittavorn's op-ed was published	06 April
197	Total export value rises 16.7% in 2020	Phnom Penh Post	ERIA's research was mentioned	05 April
198	Smart city growth creates biometrics opportunity	Biometric Update	Dr Venkatachalam Anbumozhi was quoted	05 April
199	Reclaiming pragmatism in Japan's energy policy	Eurasia Review	Prof Jun Arima's op-ed was published	04 April
200	Reclaiming pragmatism in Japan's energy policy	East Asia Forum	Prof Jun Arima's op-ed was published	03 April



Annex I

Publications

Books

No.	Title	Editor(s)	ISBN
1	13th Asia-Europe Meeting (ASEM) Summit: Multilateral cooperation for a resilient, sustainable, and rules-based future for ASEM	Anita Prakash	978-602-5460-36-4
2	Coping with Rapid Population Ageing in Asia	Osuke Komazawa, Yasuhiko Saito	978-602-5460-33-3
3	Impact of the ASEAN Trade in Goods Agreements (ATIGA) on Intra-ASEAN Trade	Salvador Buban, Rashesh Shrestha	978-602-5460-34-0
4	Rethinking Asia's Low-Carbon Growth in the Post-Covid World: Towards a Net-Zero Economy	Venkatachalam Anbumozhi, Kaliappa Kalirajan, Xianbin Yao	978-602-5460-37-1

Research Project Reports

No.	Title	Editor(s)/Author(s)	Number
1	A Flexible LNG Market and Promotion of Investment	Hiroshi Hashimoto, Fangchia Lee	RPR-2021-15
2	A Study on the Impact of Financing Restrictions on New Coal-Fired Power Plants in the Asian Region	Tetsuo Morikawa, Shigeru Kimura, Han Phoumin	RPR-2021-10
3	Analysis of Future Mobility Fuel Scenarios Considering the Sustainable Use of Biofuels and Other Alternative Vehicle Fuels in EAS Countries	Shinichirou Morimoto, Shabbir Gheewala, Nuwong Chollacoop, Venkatachalam Anbumozhi	RPR-2021-18
4	Assessment of Electric Vehicle Penetration in the Lao People's Democratic Republic	Shigeru Kimura, Alloysius Joko Purwanto, Keisuke Ueda, Takahisa Hiruma	RPR-2021-26
5	Cambodia Petroleum Master Plan 2022-2040	Han Phoumin, Shigeru Kimura	RPR-2021-21
6	Establishment of Energy Statistics Regulation in Lao PDR	Shigeru Kimura, Han Phoumin	RPR-2021-05
7	Feasibility Study on the Transmission Highway in ACMECS	Shigeru Kimura, Keisuke Ueda	RPR-2021-17

No.	Title	Editor(s)/Author(s)	Number
8	Global Situation of Small Modular Reactor Development and Deployment	Tomoko Murakami, Venkatachalam Anbumozhi	RPR-2021-07
9	Global Value Chains and Investment: Changing Dynamics in Asia	Ben Shepherd, Anita Prakash	RPR-2021-01
10	Hydrogen Sourced from Renewables and Clean Energy: A Feasibility Study of Achieving Large-scale Demonstration	Yanfei Li, Han Phoumin, Shigeru Kimura	RPR-2021-19
11	Maritime Policy and Eastern Indonesia Development	Fauziah Zen, M. Halley Yudhistira	RPR-2021-24
12	Pioneering Chronic-phase Rehabilitation and Nutritional Management in Cambodia, the Lao People's Democratic Republic, and Viet Nam: Promotion of a Broad-based Healthcare System	Masaki Nishio, Mihoko Nakayama, Chika Hamasaki, Osuke Komazawa	RPR-2021-20
13	Population Ageing in Thailand	Duangjai Lorthanavanich, Narumol Nirathron, Surat Teerakapibal, Nopadol Rompho, Arunee Tanvisuth, Osuke Komazawa	RPR-2021-06
14	Promotion of Electromobility in ASEAN: States, Carmakers, and International Production Networks	Martin Schroder, Fusanori Iwasaki, Hideo Kobayashi	RPR-2021-03
15	Public Attitudes Towards Energy Policy and Sustainable Development in ASEAN Countries	Hisashi Yoshikawa	RPR-2021-22
16	Qualifications Framework for Long-term Care Workers in India, Japan, and the Philippines	Takeo Ogawa, Osuke Komazawa	RPR-2021-09
17	Research on Patent Examination Practices for Emerging Technologies in ASEAN Member States	Kazuo Hoshino, Yuji Okuma, Hitoshi Nishimura	RPR-2021-16
18	Social Enterprises and Disability: Fostering Innovation, Awareness, and Social Impact in the ASEAN Region	Nicola Crosta, Allison Sanders	RPR-2021-12
19	Strengthening Emerging Asia's Power Sector	The National Bureau of Asian Research	RPR-2021-02
20	Study on the Potential for Promoting Carbon Dioxide Capture, Utilisation, and Storage (CCUS) in ASEAN Countries Vol. II	Shigeru Kimura, Kikuko Shinchi, Ulysses Coulmas, Ayami Saimura	RPR-2021-25
21	Technical Guidelines for Energy Efficiency and Conservation in Commercial Buildings	Shigeru Kimura, Leong Siew Meng	RPR-2021-14
22	The Economics and Risks of Power Systems with High Shares of Renewable Energies	Matsuo Yuji, Alloysius Joko Purwanto	RPR-2021-13

No.	Title	Editor(s)/Author(s)	Number
23	Towards Seamless Trade Facilitation in ASEAN Baseline Study	Dionisius A. Narjoko, Salvador Buban, Rashesh Shrestha, Doan Thi Thanh Ha, Edo Setyadi	RPR-2021-08
24	Trauma Care in India and Japan: Current Situation and Future Prospects	Rajesh Malhotra, Yasumitsu Mizobata	RPR-2021-23
25	UK-ASEAN Trade: Strengthening the Supply Chain Linkages	Anita Prakash, Alicia Garcia Herrero, David Martinez Turegano	RPR-2021-11
26	Understanding Relevant Sustainable Development Goal Targets Related to Labour Migration in the Association of Southeast Asian Nations During the Coronavirus Disease Pandemic	Shivakumar Srinivas, Satya Sivaraman	RPR-2021-04

Discussion Papers

No.	Title	Author(s)	Number
1	A Firm-level Analysis of the Impact of the Coronavirus Outbreak in ASEAN	Wasim Ahmad, Rishman Jot Kaur Chahal, Shirin Rais	397
2	A 'She-session'? The Impact of COVID-19 on the Labour Market in Thailand	Sasiwimon Warunsiri Paweenawat and Lusi Liao	378
3	Aviation Market Development in the New Normal Post the COVID-19 Pandemic: An Analysis of Air Connectivity and Business Travel	Xiaowen Fu, David A. Hensher, Nicole T. T. Chen, Junbiao Su	400
4	Central Banks' Responses to COVID-19 in ASEAN Economies	Charan Singh, Pabitra Kumar Jena	398
5	Chief Executive Officer Attributes and Trade	Tadashi Ito, Yukiko Umeno Saito	424
6	Could the COVID-19 Crisis Affect Remittances and Labour Supply in ASEAN Economies? Macroeconomic Conjectures Based on the SARS Epidemic	Alberto Posso	373
7	COVID-19 and Regional Solutions for Mitigating the Risk of Small and Medium-sized Enterprise Finance in ASEAN Member States	Farhad Taghizadeh-Hesary, Han Phoumin, Ehsan Rasoulinezhad	399

No.	Title	Author(s)	Number
8	COVID-19 and Services Trade in ASEAN+6: Implications and Estimates from Structural Gravity	Anirudh Shingal	369
9	COVID-19 and Socio-Economic Inequalities in Indonesia: A Subnational-level Analysis	Aloysius Gunadi Brata, Eusebius Pantja Pramudya, Esther Sri Astuti, Heffi Christya Rahayu, Heronimus Heron	371
10	COVID-19 Tourism Recovery in the ASEAN and East Asia Region: Asymmetric Patterns and Implications	Stathis Polyzos, Anestis Fotiadis, Aristeidis Samitas	379
11	COVID-19, Air Transportation, and International Trade in the ASEAN+5 Region	Anming Zhang, Xiaoqian Sun, Sebastian Wandelt, Yahua Zhang, Shiteng Su, Ronghua Shen	401
12	COVID-19: Impacts of Indonesia's Trade	Lili Yan Ing, Yessy Vadila	413
13	Digital Technology Adoption and Indonesia's MSMEs during the COVID-19 Pandemic	Teguh Yudo Wicaksono, Andre Simangunsong	426
14	Domestic Tourism as a Pathway to Revive the Tourism Industry and Business Post the COVID-19 Pandemic	Jennifer Chan	392
15	East Asian Integration and Its Main Challenge: NTMs in Australia, China, India, Japan, Republic of Korea, and New Zealand	Lili Yan Ing, Grace Hadiwidjaja	388
16	East Asian Production Networks Amidst the COVID-19 Shock	Ayako Obashi	377
17	East Asian Production Networks Go Beyond the Gravity Prediction	Mitsuyo Ando, Fukunari Kimura, Kenta Yamanouchi	425
18	Economic and Emission Impact of Australia–China Trade Disruption: Implication for Regional Economic Integration	Xunpeng Shi, Tsun Se Cheong, Michael Zhou	387
19	Education for All? Assessing the Impact of Socio-economic Disparity on Learning Engagement During the COVID-19 Pandemic in Indonesia	Samuel Nursamsu, Wisnu Harto Adiwijoyo, Anissa Rahmawati	408
20	Effective Rates of Protection in a World With Non-Tariff Measures and Supply Chains: Evidence from ASEAN	Ben Shepherd	394

No.	Title	Author(s)	Number
21	Entry Mode Choice and Performance of Foreign Direct Investment Firms in Emerging Economies: Micro-evidence from Viet Nam	Linh Bui, Huyen Hoang, Hang Bui	429
22	Exploring Digital Economic Agreements to Promote Digital Connectivity in ASEAN	Sarah Y Tong, Yao Li, Tuan Yuen Kong	391
23	Export Market Survival of Pioneers and Followers	Chin Hee Hahn, Ju Hyun Pyun	415
24	Facilitating Trade in Pharmaceuticals: A Response to the COVID-19 Pandemic	Ben Shepherd	372
25	Feeling the Pulse of Global Value Chains: Air Cargo and COVID-19	Christopher Findlay, Hein Roelfsema, Niall Van De Wouw	390
26	Financial Market Responses to Government COVID-19 Pandemic Interventions: Empirical Evidence from South-East and East Asia	Hai Anh La, Riyana Miranti	374
27	Global Value Chains and Premature Deindustrialisation in Malaysia	Cassey Lee	423
28	How ASEAN Can Improve Its Response to the Economic Crisis Generated by the COVID-19 Pandemic: Inputs drawn from a comparative analysis of the ASEAN and EU responses	Antonio Fanelli	375
29	How Do Sectoral Employment Structures Affect Mobility during the COVID-19 Pandemic?	Donny Pasaribu, Deasy Pane, Yudi Suwarna	380
30	Identifying the Impact of Supply Chain Disruption Caused by COVID-19 on Manufacturing Production in Japan	Tadashi Ito	405
31	Impacts of COVID-19 on the Energy Demand Situation of East Asia Summit Countries	Shigeru Kimura, Ikarii Ryohei, Endo Seiya	389
32	Implicit Subsidies for Infrastructure and Their Implications for Contingent Liabilities in Selected East Asian Countries	Astrid Dita, Sandy Maulana	427
33	Indonesia's Local Content Requirements: An Assessment on Consistency with Free Trade Agreement Commitments	Oscar Fernando, Lili Yan Ing	420
34	Indonesia's Local Content Requirements: Assessment with WTO Rules	Michelle Limenta, Lili Yan Ing	414

No.	Title	Author(s)	Number
35	Innovation, Product Sophistication and Export Market Survival: A Study of Indian Manufacturing	Subash Sasidharan, Ketan Reddy	412
36	Is the COVID-19 Pandemic Recasting Global Value Chains in East Asia?	Nobuaki Yamashita, Kiichiro Fukasaku	386
37	Local Content Requirements: Assessment from Investment Law	Lili Yan Ing, Juniarto James Losari	416
38	Market Entry, Survival, and Exit of Firms in the Aftermath of Natural Hazard-related Disasters: A Case Study of Indonesian Manufacturing Plants	Arlan Brucal, Shilpita Mathews	411
39	Overview of Foreign Direct Investment, Trade, and Global Value Chains in East Asia	Ayako Obashi	417
40	Participation in Global Value Chains and Rent Sharing by Small Firms in Viet Nam	Nobuaki Yamashita, Doan Thi Thanh Ha	419
41	Policy Strategies to Strengthen the Travel and Tourism Sectors from the COVID-19 Pandemic Shocks: A Computable General Equilibrium Model for the Indonesian Economy	Irlan Adiyatma Rum	406
42	Potential for India's Entry into Factory Asia: Some Casual Findings from International Trade Data	Mitsuyo Ando, Kenta Yamanouchi, Fukunari Kimura	381
43	Projecting Infrastructure Needs and the Financing Mechanism: A Review of Estimations by ADB, McKinsey, and the OECD	Fauziah Zen, Michael Regan	428
44	Reconciling Tax and Trade Rules in the Digitalised Economy: Challenges for ASEAN and East Asia	Jane Kelsey	395
45	Regulatory Distance, Margins of Trade, and Regional Integration: The Case of the ASEAN+5	VGR Chandran Govindaraju, Neil Foster-McGregor, Evelyn Shyamala Devadason	403
46	Robustness and Resilience of Supply Chains During the COVID-19 Pandemic: Findings from a Questionnaire Survey on the Supply Chain Links of Firms in ASEAN and India	Yasuyuki Todo, Keita Oikawa, Masahito Ambashi, Fukunari Kimura, Shujiro Urata	407

No.	Title	Author(s)	Number
47	Spillover Effects of Foreign and Domestic Exporting Firms on Export Decisions of Local Manufacturing Firms: Evidence from Viet Nam	Quang Hoan Truong, Van Chung Dong	410
48	Spillover Effects of Social and Economic Interactions on COVID-19 Pandemic Vulnerability Across Indonesia's Regions	Ernawati Pasaribu, Puguh B. Irawan, Tiodora H. Siagian, Ika Yuni Wulansari, Robert Kurniawan	409
49	Technical Barriers to Trade and the Performance of Indian Exporters	Pavel Chakraborty, Rahul Singh	393
50	Technical Barriers to Trade, Product Quality and Trade Margins: Firm-level Evidence	Doan Thi Thanh Ha, Hongyong Zhang	421
51	The COVID-19 Pandemic, Air Transport Perturbation, and Sector Impacts in ASEAN Plus Five: A Multiregional Input-Output Inoperability Analysis	Tamat Sarmidi, Norlin Khalid, Muhamad Rias K. V. Zainuddin, Sufian Jusoh	368
52	The Effect of Non-Tariff Measures on Global Value Chain Participation	Upalat Korwatanasakul, Youngmin Baek	382
53	The Effect of the COVID-19 Pandemic on Global Production Sharing in East Asia	Archanun Kohpaiboon, Juthathip Jongwanich	370
54	The Effects of SPSs and TBTs on Innovation: Evidence from Exporting Firms in Viet Nam	Duc Anh Dang, Vuong Anh Dang	383
55	The EU-China Comprehensive Agreement on Investment: Lessons Learnt for Indonesia	Lili Yan Ing, Junianto James Losari	396
56	The Global Economic Impact of the COVID-19 Pandemic: The Second Wave and Policy Implications	Gyeong Lyeob Cho, Minsuk Kim, Yun Kyung Kim	404
57	The Impact of COVID-19 on Business Activities and Supply Chains in the ASEAN Member States and India	Keita Oikawa, Yasuyuki Todo, Masahito Ambashi, Fukunari Kimura, Shujiro Urata	384
58	The Nexus between Inward Foreign Direct Investment and Global Value Chains in Developing Countries: A Case Study of Viet Nam	Huy Hoang Nguyen, Quang Hoan Truong	418
59	The Role of Digitalisation in Shaping India's Global Value Chain Participation	Subash Sasidharan, Ketan Reddy	376

No.	Title	Author(s)	Number
60	The Trade Restrictiveness Index and Its Impact on Trade Performance in Selected East Asian Countries	Norlin Khalid, Muhamad Rias K V Zainuddin, Tamat Sarmidi, Sufian Jusoh, Mohd Helmi Ali, Faliq Razak	402
61	Tracking the Ups and Downs in Indonesia's Economic Activity During COVID-19 Using Mobility Index: Evidence from Provinces in Java and Bali	Yose Rizal Damuri, Prabaning Tyas, Haryo Aswicahyono, Lionel Priyadi, Stella Kusumawardhani, Ega Kurnia Yazid	385
62	Understanding SME Trade Finance in ASEAN: An Overview	Tony Cavoli, David Christian, Rashesh Shrestha	422

Policy Brief

No.	Title	Author(s)	Policy Brief Number
1	ASEM's Role in Promoting Asia–Europe E-Commerce	Lurong Chen	2021-03
2	Digital Asia: Facing Challenges from GVCs Digitalisation, US—China Decoupling, and the Covid-19 Pandemic	Lurong Chen	2021-05
3	Economic Policies to take Advantage of the Vigorous Private Dynamism in AMS and India during the COVID-19 Crisis	Keita Oikawa, Yasuyuki Todo, Masahito Ambashi, Fukunari Kimura, Shujiro Urata	2021-02
4	Firms' Financial Distress during the COVID-19 Pandemic and Fiscal Incentives	Tri Mulyaningsih, Malik Cahyadin, Tamat Sarmidi	2021-07
5	Global Value Chains and COVID-19: An Update on Machinery Production Networks in East Asia	Mitsuyo Ando, Kazunobu Hayakawa	2021-04
6	Impacts of the RCEP on ASEAN and ASEAN Least Developed Countries in the Post-pandemic Recovery	Shandre Thangavelu, Shujiro Urata, Dionisius A. Narjoko	2021-01
7	Social Enterprises and Disability: Promoting Inclusion, Innovation, and Entrepreneurship in ASEAN	Nicola Crosta, Allison Sanders, Giulia Ajmone Marsan, Lina Maulidina Sabrina	2021-06

Co-Publications

No.	Title	Editor(s)	Publisher	ISBN
1	Globalisation and its Economic Consequences Looking at APEC Economies	Shujiro Urata, Doan Thi Thanh Ha	Routledge	978-1-00313-850-1
2	Handbook on East Asian Economic Integration	Fukunari Kimura, Mari Pangestu, Shandre Mugan Thangavelu, Christopher Findlay	Edward Elgar	978-1-78897-515-5
3	Intellectual Property Rights and ASEAN Development in the Digital Age	Lurong Chen, Fukunari Kimura	Routledge	978-0-36770-709-5
4	Energy Sustainability and Climate Change in ASEAN	Han Phoumin, Fukunari Kimura, Jun Arima, Farhad Hesary	Springer	978-981-16-2000-3
5	COVID-19 in Indonesia: Impacts on the Economy and Ways to Recovery	Lili Yan Ing, M. Chatib Basri	Routledge	978-100-32-4367-0



Annex J

Capacity Building and Strategy & Partnership Event List

Capacity Building

DATE	EVENT	PARTICIPATING COUNTRIES	ORGANISER	SUPPORTER
21-25 February 2022	Understanding Rules of Origin Under RCEP	Cambodia	ERIA CB, Ministry of Commerce	Australian Government
14-15 February 2022	ERIA study: Cities, Urban Amenities and Global Production Value Chain	Cambodia, Lao PDR, Viet Nam	ERIA Research	Australian Government
Thursday, 10 February 2022	Unpacking The RCEP Agreement: Dialogue 2: Rules of Origin Public-Private Dialogue Series	Cambodia	ERIA CB, Ministry of Commerce	Australian Government
21-22 January 2022	ERIA study: Services, Economic Liberalization and Global Production Value-Chain	Cambodia, Lao PDR, Viet Nam	ERIA Research	Australian Government
Wednesday, 12 January 2022	The RCEP of E-Commerce Provisions and What They Mean for Lao PDR: Socialisation Event	Lao PDR	ERIA CB, Ministry of Commerce	Australian Government
Friday, 17 December 2021	Socialization on the Non-Tariff Measures Cost-Effectiveness Toolkit Handbook for ASEAN	Cambodia	ERIA Research	Australian Government
Monday, 13 December 2021	Services, Urban Amenities, GVC: New Growth Paths	Cambodia	ERIA Research	Australian Government
23-26 November 2021	Second Evidence-Based Capacity Building Workshops: Monitoring and Implementing RCEP in Cambodia: Trade and Structural Transformation of Domestic Economy	Cambodia	ERIA CB, Ministry of Commerce, Ministry of Economy and Finance	Australian Government
22-23 November 2021	Workshop on ASEAN Trade in Services Agreement (Negative-List Approach)	Cambodia	ERIA CB, ERIA PDD, Ministry of Commerce	Australian Government
15-19 November 2021	Understanding Rules of Origin under RCEP	Lao PDR	ERIA CB, Ministry of Industry and Commerce	Australian Government
Tuesday, 02 November 2021	Unpacking RCEP Agreement Dialogue Series: Episode 1: The RCEP E-Commerce Provisions and What They Mean for Cambodia Public-Private Dialogue	Cambodia	ERIA CB, Ministry of Commerce	Australian Government
27 September-1 October 2021	Evidence-Based Capacity Building Workshops: Monitoring and Implementing RCEP in Cambodia: Challenges and Potential Gains	Cambodia	ERIA CB, Ministry of Economy and Finance	Australian Government
13-15 September 2021	Short Course on Sustainable Energy Development in the Global South	Cambodia, Lao PDR	Universitas Gadjah Mada	Australian Government

DATE	EVENT	PARTICIPATING COUNTRIES	ORGANISER	SUPPORTER
Friday, 13 August 2021	CCS-Japan Cooperation Programme: Lao PDR's Workshop on Trade In Services Agreement (Negative-List Approach)	Lao PDR	ERIA PDD, ERIA CB	Australian Government
Monday, 05 July 2021	Third Phase ERIA Project: Cities, Urban Amenities and Global Production Value Chain: Structural Transformation, Trade and Services Liberalization in East Asia and ASEAN	Cambodia, Lao PDR, Viet Nam	ERIA Research	Australian Government
1-2 and 6-7 July 2021	Transposition of Tariff Commitment from AHTN 2012 into AHTN 2017	Cambodia	ERIA CB, Ministry of Commerce	Australian Government
Thursday, 17 June 2021	Second session of the 7th ASEAN-OECD Good Regulatory Practices (GRPN) Meeting on Innovative Recovery: Responsive Regulatory Systems for Economic Recovery and Prosperity	Cambodia, Lao PDR	ASEAN-OECD	Australian Government
Tuesday, 08 June 2021	Unlocking the Lockdowns: Alignment of Domestic and Regional Policies Post-Covid-19	Cambodia	ERIA CB, Ministry of Commerce	Australian Government
Wednesday, 02 June 2021	Submission of National Workplan and Regulatory Gap Assessment	Cambodia	ERIA CB, Ministry of Commerce	Australian Government
Tuesday, 01 June 2021	Submission of National Workplan and Regulatory Gap Assessment	Lao PDR	ERIA CB, Ministry of Industry and Commerce	Australian Government
Wednesday, 19 May 2021	Second Workshop: Vulnerability Analysis: Challenges and Policy Gaps in the Structural Transformation of Lao PDR	Lao PDR	ERIA CB, Ministry of Planning and Investment	Australian Government
Tuesday, 18 May 2021	First Workshop: Vulnerability Analysis: Challenges and Policy Gaps in the Structural Transformation of Lao PDR	Lao PDR	ERIA CB, Ministry of Planning and Investment	Australian Government
Thursday, 06 May 2021	Unlocking the Lockdowns: Alignment of Domestic and Regional Policies Post-Covid-19	Lao PDR	ERIA CB, Ministry of Planning and Investment	Australian Government
Monday, 26 April 2021	Second knowledge sharing workshop: ERIA study project on Enhancing Food Supply Chain Resilience and Food Security in ASEAN with Utilization of Digital	Cambodia,	ASEAN, SEARCA	Australian Government
Monday, 19 April 2021	Services, Urban Amenities, GVC: New Growth Paths	Viet Nam	ERIA Research	Australian Government
Friday, 08 April 2022	7th ASEAN-OECD Good Regulatory Practices Network (GRPN) Digital Meeting 2020	Lao PDR, Cambodia	ASEAN and OECD	Australian Government
5-6 April 2021	Transposition of RCEP Tariff Commitment from AHTN 2012 into AHTN 2017	Lao PDR	ERIA CB	Australian Government

Strategy and Partnership

DATE	EVENT	ORGANISER	SUPPORTER
Thursday, 08 September 2022	ERIA-CIIE.CO Episode 2: Technology and Distribution Innovation in Healthtech	ERIA and CIIE.CO	Australian Government
Wednesday, 16 March 2022	ERIA-ADB SEADS 2022: Women Leaders Driving Sustainable Transformation in ASEAN	ERIA SPP and ADB SEADS	Australian Government
Thursday, 10 March 2022	The Future of Education and Skills in Asia	ERIA SPP and The Asian Network	Australian Government
Tuesday, 08 February 2022	ERIA-OECD Gearing up for a Post Pandemic World, Designing Policies for an Innovative and Sustainable Recovery in South East Asia	ERIA SPP and OECD	Australian Government
Thursday, 27 January 2022	ERIA-CIIE.CO Episode 4: Women Entrepreneurs: Focusing at the Grassroots	ERIA SPP and CIIE.CO	Australian Government
Wednesday, 08 December 2021	E-S-I Special Episode: Social Enterprises and Disability: Fostering Innovation, Awareness and Social Impact in the ASEAN region	ERIA SPP	Australian Government
Thursday, 25 November 2021	E-S-I Episode 10: Fostering Next-Gen Entrepreneurs and Innovators – 2021 in Retrospect: Looking Back and Empowered Forward	ERIA SPP	Australian Government
Thursday, 11 November 2021	ERIA-CIIE.CO Episode 3: Innovation and Digitalisation in Agritech	ERIA SPP and CIIE.CO	Australian Government
Thursday, 21 October 2021	E-S-I Episode 9: Sustainability Entrepreneurship: Past, Present and Future	ERIA SPP	Australian Government
Thursday, 23 September 2021	E-S-I Episode 8: Women in E-commerce	ERIA SPP	Australian Government
Tuesday, 31 August 2021	E-S-I Episode 7: Borderless Entrepreneurship: Is That the Future?	ERIA SPP	Australian Government
Thursday, 22 July 2021	E-S-I Episode 6: Of Incubators and Accelerators Shaping the Future of E-S-I	ERIA SPP	Australian Government
Wednesday, 30 June 2021	ERIA-CIIE.CO Episode 1: Incubators as Catalyst of Innovation	ERIA SPP and CIIE.CO	Australian Government
Thursday, 24 June 2021	E-S-I Episode 5: Critical Partnership for Success – Public, Private and People	ERIA SPP	Australian Government

DATE	EVENT	ORGANISER	SUPPORTER
Thursday, 27 May 2021	E-S-I Episode 4: The Evolving Role of Women Entrepreneurs, Innovators, and Disruptor	ERIA SPP	Australian Government
Thursday, 29 April 2021	E-S-I Episode 3: Deep Tech and the Future Economy	ERIA SPP	Australian Government
Thursday, 01 April 2021	E-S-I Episode 2: From Resilience to Success - Entrepreneurial Mindsets and Skills	ERIA SPP	Australian Government

Knowledge Products (Publications and Videos)

DATE	EVENT	ORGANISER	SUPPORTER
Wednesday, 26 January 2022	Entrepreneurship, Start-Ups, and Innovation (E-S-I) in ASEAN and East Asia: Catalysing Collaborations and Partnerships for Scale-Ups-Ep.6-10	ERIA SPP	Australian Government
Tuesday, 11 January 2022	Building Prolific Entrepreneurship Ecosystems-Episode 1	ERIA SPP and ClIE.CO	Australian Government
Wednesday, 08 December 2021	Policy Brief on Social Enterprises and Disability: Promoting Inclusion, Innovation, and Entrepreneurship in ASEAN	ERIA SPP and Impact46	Australian Government
Thursday, 16 September 2021	Research Project Report Social Enterprises and Disability: Fostering Innovation, Awareness, and Social Impact in the ASEAN Region	ERIA SPP and Impact46	Australian Government
Monday, 30 August 2021	Entrepreneurship, Startups and Innovations (E-S-I) in ASEAN and East Asia-Shaping the Post-Pandemic Recovery-Ep.1-5	ERIA SPP	Australian Government



About ERIA

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.

ERIA's establishment was formally agreed amongst 16 heads of government at the Third East Asia Summit in Singapore on 21 November 2007. It works closely with the ASEAN Secretariat, researchers, and research institutes from East Asia.

ERIA is based in Jakarta, Indonesia.



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