



Economic Research Institute
for ASEAN and East Asia

**Annual
Report** **2018**
April 2018 – March 2019

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16 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



ERIA was ranked 14th in the international economic policy think tanks category of the 2018 Global Go To Think Tank Index Report. ERIA's research seems to have been highly valued globally.

Fiscal year (FY) 2018 was the year ERIA expanded the scope of its activities as it needs to help chart the further direction of ASEAN and East Asia. This came after the establishment of the ASEAN Economic Community (AEC) in 2015 and as it looked forward to its 10th anniversary.

A review of ERIA's deliverables for FY2018 reveals that ERIA widely expanded its field of activities to help clear the path for the economic integration and development of East Asia.

One such deliverable is the 'ASEAN Vision 2040' project. Based on the cooperation and support of the chairs of ASEAN and the East Asia Summit, ERIA provided more than 30 themes for background papers on the prospects of ASEAN and East Asia in 2040 from political-security, economic, and socio-cultural perspectives. In this publication ERIA proposed a message of collective leadership of the East Asia region, which means strengthening

ASEAN centrality for it to become the institutional hub for regional integration and economic and social development. ERIA invited many of the region's experts and conducted several workshops with the key institutions, before submitting the integrated report to the ASEAN Foreign Minister's Meeting of January 2019. The ministers mentioned the importance and contribution of ERIA in their ministerial statement.

On economic research, ERIA, together with the Organisation for Economic Co-operation and Development (OECD), the ASEAN Coordinating Committee on Micro, Small, and Medium Enterprises (ACCMSME), supported by the Government of Canada, officially launched the ASEAN SME Policy Index (ASPI) 2018 in September 2018 on the occasion of the ASEAN Economic Ministers Meetings in Singapore. The ASEAN SME Policy Index 2018 maps and benchmarks SME development policies across ASEAN Member States. ERIA continued work



on the joint feasibility studies of the ASEAN–Canada free trade agreement and reported the findings at the Seventh AEM–Canada Consultations. The Policy Design Department of ERIA also made policy recommendations on the trade and investment issues in particular. ERIA submitted a Discussion Paper to the East Asia Summit Economic Ministers Meeting (EASEMM) that identified three key challenges to the further economic integration of the region in the current period of global uncertainty.

Another important field is energy-related issues. About 30%–40% of research projects undertaken by ERIA relate to energy issues. In FY2018, ERIA conducted various studies on energy policy based on the EAS Mid-Term Energy Policy Research Roadmap. First, projects related to ASEAN Power Generation and Transmission System Planning Institution (AGTP) and ASEAN Transmission System Operator Institution (ATSO). Second, issues concerning the natural gas market. Third, delivery of liquefied natural gas to islands in the Philippines. Fourth, a hydrogen potential study in the EAS region. ERIA reported the progress of each project to the EAS Energy Ministers Meeting of October 2018. ERIA also developed collaboration with each member state. It produced the first energy statistics of Lao PDR and the Myanmar Gas Master Plan, cooperating with the governments of Lao PDR and the Republic of the Union of Myanmar, respectively.

The scope of ERIA's activities is continuously expanding and deepening to tackle the key regional issues. Based on the experts' network on population aging and long-term care, which was built up during the first year (2017–2018) of ERIA's Healthcare Unit, the unit undertook several studies, participated in forums and conferences, and organised an

event. The activities of the Healthcare Unit are implemented in line with the Asia Health and Wellbeing Initiative (AHWIN), which was launched by the Government of Japan and aims to create vibrant and healthy societies where people can enjoy long and productive lives. The AHWIN website (<https://www.ahwin.org/>) was set up in January 2019 for the purpose of publicising the activities related to AHWIN, including the outcomes of studies carried out by ERIA's Healthcare Unit. In the area of the environment, ERIA conducted several studies on waste management systems in the region, and on circular economy and innovation. ERIA attended the World Circular Economy Forum in Yokohama on October 2018 to report the results of our studies.

ERIA has also kept good relations with several external partners such as the ASEAN Inter-Parliamentary Assembly (AIPA) with which ERIA has developed cooperation. ERIA and AIPA held a dialogue entitled Parliamentarians Supporting the 'Quiet Revolution' for Better Regulatory Governance in April 2018. ERIA is well placed to contribute to a dialogue with parliamentarians focusing on non-tariff measures and barriers as well as good regulatory practice and reducing unnecessary regulatory burdens thanks to its various projects and in-depth surveys on these issues.

ERIA's effort in 2018 continued to expand, and received unabated recognition from regional leaders. They commended ERIA's continuous support through the chairman's statement of various ASEAN and its related summits. At the 12th East Asia Summit, leaders 'commended the 10th Anniversary of ERIA and its contributions to deepening research on economic integration, narrowing the development gap, achieving sustainable development, and

strengthening regional health services in ASEAN and East Asia. We encouraged ERIA to continue providing targeted high quality research on topics that highlight and address the challenges facing the region.'

ERIA held its 10th anniversary events in Singapore in August, in Tokyo in October, and in Jakarta in December. We were very honoured to receive the ministers, parliamentarians, high-level officials, and representatives from the business sector who have continuously supported ERIA's activities over the first 10 years of its existence. Especially on the occasion of the event in Jakarta, which is the back-to-back event of the High Level Seminar of 'Project 2045' commemorating the 60th anniversary of Indonesia–Japan diplomatic relations, ERIA collaborating with United Nations Development Plan, and the Committee of Japan and Indonesia, launched the final report of the Japan–Indonesia 60 year anniversary of the diplomatic relationship, which focuses on the long-term vision for the cooperation between the two countries.

In January 2018, ERIA was ranked 14th in the international economic policy think tanks category of the 2018 Global Go To Think Tank Index Report. ERIA's research seems to have been highly valued globally.

We are proud of these achievements in 2018 but we will not be complacent. As ERIA celebrates its 10th anniversary in 2018, we will be more vigilant in helping to address the challenges of deeper economic integration and development in ASEAN and East Asia in the years to come.



Prof. Hidetoshi Nishimura
President



ERIA 10th Anniversary

Mr Toshihiro Nikai, Japan's Minister of Economy, Trade and Industry, proposed to establish a think tank called 'Economic Research Institute for ASEAN and East Asia (ERIA).'

The formal establishment of ERIA was agreed upon by all the leaders of the East Asia Summit at the Third East Asia Summit (EAS) in Singapore on 21 November 2007.



- On 3 June 2018 at ASEAN Secretariat in Jakarta, 16 EAS founding members – ASEAN 10 plus six (Australia, China, India, Japan, the Republic of Korea and New Zealand)- and Surin Pitsuwan, the then Secretary-General of ASEAN, attended an inaugural board meeting.
- EAS Energy Outlook and Energy Saving Potential was prepared (after 2008, the EAS energy outlook and energy saving potential has been updating every year until 2015 and after that updating every two years).

2006

2007

2008



2018



2017



2016

- ERIA Information Centre was established.
- Project on "ASEAN Vision 2040" was launched.
- ERIA celebrated its 10th anniversary with the Economic Ministers on the sideline of the 50th ASEAN Economic Ministers' Meeting.
- MoU between ERIA and Indonesian Institute of Sciences (LIPI) was signed off.

- ERIA published a five-volume book set on the making, substance and future of ASEAN to commemorate the 50th anniversary of ASEAN.
- ERIA helped the Philippines and the ASEAN Trade Facilitation Joint Consultative Committee (ATF-JCC) with development of the ASEAN Seamless Trade Facilitation Indicators (ASTFI).
- The EAS Mid-term Energy Policy Research Roadmap supported by ERIA was welcomed by the EAS Leaders.
- MoU between ERIA and Gas Exporting Countries Forum (GECF)

- Policy Design Department was established.
- ERIA published "Lao PDR at the Crossroads: Industrial Development Strategies 2016-2030."
- MoU between ERIA and ASEAN Inter-Parliamentary Assembly (AIPA) was signed off.

- ASEAN Economic Community (AEC) Scorecard project for monitoring and review of AEC Blueprint 2015 started.
- ERIA was appreciated by the EAS Leaders for the Comprehensive Asia Development Plan (CADP).
- ERIA worked with ASEAN Secretariat (ASEC) for the first Master Plan on ASEAN Connectivity (MPAC).



2010



2015

- ERIA submitted "CADP 2.0" to the EAS.
- ERIA worked with ASEC on the project, "Framing the ASEAN Socio-Cultural Community (ASCC) Post 2015."
- ERIA published ASEAN Public Private Partnership Guidelines.
- ERIA published the Southeast Asia Energy Outlook 2015 in collaboration with IEA.

ERIA started the development of an ASEAN SME Policy Index with OECD and ASEAN SMEWG.



2011



2014

- The Energy Research Institute Network (ERIN) was established.
- ERIA published "ASEAN Rising: ASEAN and AEC Beyond 2015."
- ERIA, OECD and ASEAN SMEWG published ASEAN SME Policy Index 2014.
- ERIA started to develop a comprehensive and public database of Non-tariff Measures (NTMs) with UN Conference on Trade and Development (UNCTAD).
- MoU between ERIA and OECD was signed off.

- The Energy Unit was established.
- Executive Summary of Mid-term Review of the Implementation of AEC Blueprint was published.
- ERIA was identified as one of the institutions to implement the initiatives for ASEAN in close consultation with EAS participating countries (Phnom Penh Declaration).



2012



2013

- The first East Asia Energy Outlook was published in collaboration with the International Energy Agency (IEA).
- ERIA supported Myanmar to develop the Myanmar Comprehensive Development Vision.



ERIA Holds the 11th Governing Board Meeting and Celebrates its 10th Anniversary

25 May 2018 | Jakarta, Indonesia

ERIA's 11th Governing Board (GB) meeting was of significance because of the re-appointment of Prof Hidetoshi Nishimura as the President of ERIA for 2018 to 2023 – Prof Nishimura was unanimously re-elected to lead ERIA for the third time – and the appointment of the new Chairperson of the ERIA Governing Board, Mr Adrian Cristobal, replacing Hon. Dato Lim Jock Hoi, who now serves as the Secretary General of ASEAN. Mr Cristobal is the President of SteelAsia Manufacturing Corp. of the Philippines and previously served as ERIA's Governor from 2014 to 2016.

During the afternoon session, the Governors were joined by Ambassadors to ASEAN for presentations on several of ERIA's key projects. ERIA's Chief Economist, Prof Fukunari Kimura; ERIA's Senior Policy Fellow, Tan Sri Dr Rebecca Fatima Sta Maria; and ERIA's Senior Policy Fellow for Energy and Environment Prof Jun Arima briefed the diplomatic corps on ERIA's future projects as well as on issues related to the international economy, including the future of the Trans-Pacific Partnership. The meeting was followed by all participants joining a celebration for ERIA's 10th Anniversary with a gala dinner and music performance at Motion Blue, Jakarta.

Ministers Celebrate ERIA's 10th Anniversary

30 July 2018 | Singapore, Singapore

ERIA celebrated its 10th anniversary with the Economic Ministers and representatives as well as ASEAN Secretary General, Hon Dato Paduka Lim Jock Hoi, at a cake cutting ceremony on 30 August at Shangri-La Hotel, Singapore.

In his opening remarks, Prof Nishimura expressed his gratitude for the Ministers' ongoing support of ERIA's activities and for celebrating the institute's 10th anniversary. He also thanked Dato Lim Jock Hoi for his guidance during his 6 years as Chair of ERIA's Governing Board. Dato Lim Jock Hoi congratulated ERIA on being recognised as an important think tank globally and emphasised that ERIA is an important partner of ASEAN.

The Minister for Trade and Industry of Singapore, H.E. Chan Chun Sing, expressed his appreciation for ERIA's research, especially on the ASEAN Economic Community (AEC) Blueprint, the five-volume book marking ASEAN's 50th anniversary, studies on trade facilitation such as the ASEAN Trade Facilitation Index (ASTFI), and the NTM database.

H.E. Hiroshige Seko, Minister of Economy, Trade, and Industry of Japan also expressed his respect for Prof Nishimura and ERIA's 'tireless efforts' to achieve its three guiding objectives – deepening economic integration, narrowing development gaps, and sustainable economic development.

ERIA Holds 10th Anniversary Symposium in Tokyo

18 October 2018

ERIA held the 10th Anniversary Symposium at Imperial Hotel Tokyo, Japan on 18 October 2018.

In his opening remarks, ERIA's President, Prof Hidetoshi Nishimura expressed his sincere gratitude to ERIA's stakeholders and partners, especially the Government of Japan, that had made substantial contributions to ERIA's development in the last 10 years as an international organisation – the 'OECD of East Asia'.

Tan Sri Datuk Dr Rebecca Fatima Sta Maria, Senior Policy Fellow of ERIA and former Secretary General of Malaysia's Ministry of International Trade and Industry, moderated the panel discussion entitled 'ERIA's 10th Anniversary: Achievements and Future Prospects'. The three distinguished panelists were very familiar with ERIA's activities and provided interesting points of discussion and suggestion for ERIA going forward.

The first panelist, Tan Sri Rafidah binti Aziz, Former Minister of International Trade and Industry of Malaysia, shed light on global and regional level changes that happened in the last decade in the economic and social environments. The changes have altered the course of policies, steering many countries towards isolationism and protectionism, exemplified by looming trade wars between great powers. She showed her intriguing view that 'irrational decision making' particularly of developed economies, i.e. not necessarily based on sound economic principles, has generated the current economic distortions across borders

and has negatively affected investment and trade of the world. Amid such unanticipated events, she stressed the critical role of ERIA to promptly present well-considered policy recommendations regarding measures that can be taken to promote economic integration in cooperation with regional policymakers. She also described the necessity of starting to nurture younger generations as soon as possible so that they can understand the importance of regional economic integration in East Asia.

The second speaker, Mr Adrian S. Cristobal Jr., is the Chairman of ERIA's Governing Board and Former Secretary of Department of Trade and Industry, the Philippines. He expressed his admiration for ERIA's strenuous efforts to expand its research horizon to energy, agriculture, health care, and other topics, while at the same time organising many high-level roundtables, symposiums, and workshops. ERIA's efforts had resulted in its recognition as the 24th Top International Economic Policy Think Tank according to the Global Go To Think Tank Index published by the Think Tanks and Civil Societies Program (TTCSP) of the Lauder Institute at the University of Pennsylvania. He emphasised ERIA's unique ability to help form consensus of policies in East Asia through dialogue and discussion with leaders, ministers, and high-level officials. On the other hand, he pointed to necessary reforms ERIA has to undertake to catch up with changes in intellectual and social situations. Concretely, he emphasised that ERIA needs to do further work to bridge various gaps between academic knowledge, practical policymaking, and people in general, as well as produce innovative policies that improve the whole of society and reduce poverty.



Prof Fukunari Kimura, Chief Economist of ERIA, was the last person in the panel to speak. He expressed his preparedness to cooperate with policymakers to resolve many economic and social problems in East Asia. As he explained, ERIA's researchers have provided much academic input to shed light on real issues such as economic integration, non-tariff measures, technology spillovers, infrastructure connectivity, small and medium enterprise promotion, digital economies, energy, and health care, most of which is published as discussion papers, policy briefs, and newspaper articles. He showed his sense of pride in having helped to gradually enhance the capacity of regional researchers involved with various ERIA projects over the years. Giving examples of possible cooperation with the countries that act as ASEAN Chair, he concluded that ERIA will need to continue working closely together with policymakers while improving the quality of its academic research.

H.E. Mr. Tadahiko Ito, Member of the House of Representatives in the Japanese Diet, Former Vice Minister of the Environment, and Former Minister of State for Disaster Management, delivered his special remarks after the panel discussion. He talked about his experience in proposing the Japan-ASEAN Environment Cooperation Initiative in 2017 in association with ERIA to address environmental issues such as air and water pollution, waste management, and urbanisation in ASEAN. He underlined the significance of encouraging ASEAN to realise a circular and sustainable society with the support of ERIA. He also showed his determination to continue his commitment to ERIA as a member of the ERIA Parliament League.

In the discussion session the panelists highlighted the importance of connectivity to develop a mindset of unity of ASEAN and East Asia. They observed that not only physical connectivity was needed, but also soft, institutional, and psychological connectivity. The Q&A session touched on economic integration through bilateral free trade agreements, the Comprehensive and Progressive Agreement for Trans-Pacific Partnership, the Regional Comprehensive Economic Partnership, and the regional initiatives of China's One Belt One Road.

Prof Nishimura concluded the event by announcing the winners of the 4th Asia Cosmopolitan Awards (ACA). He invited two winners of the Cultural Prize – the art collective teamLab and renowned glass artist Ms Mieko Noguchi – as representatives. The Nara Forum will be held in Nara, Japan on 10 January 2019 to congratulate the laureates. Mr Shogo Arai, the Governor of Nara Prefecture who organised the Nara Forum, also delivered his remarks.

Following the Symposium, ERIA's 10th Anniversary Dinner Reception was held at the Imperial Hotel Tokyo attended by around 250 people who have supported ERIA. At the opening, Mr Hiroshige Seko, Minister of Economy, Trade and Industry of Japan, Mr Fujio Mitarai, CEO of Canon and Japanese Governor of ERIA, and Mr Toshihiro Nikai, Secretary-General of Liberal Democratic Party, Japan and Chairman of Parliamentary Leagues for ERIA congratulated ERIA on its 10th anniversary. Tan Sri Rafidah binti Aziz and Mr Adrian S. Cristobal, Jr. also delivered their remarks, including praising ERIA's contribution to ASEAN and summing up their expectations of ERIA's activities in the future.

Event Highlights



Advisor to Thailand Energy Ministry Opens ERIA Meeting on Energy Poverty

9 April 2018, Bangkok, Thailand



'The root cause of energy poverty is not just the energy price and poverty itself, but the lack of access to modern energy, mainly due to inadequate energy infrastructure,' said Dr Weerawat Chantanakome, Advisor to the Ministry of Energy of Thailand in his remarks of the second ERIA Working Group meeting on 'Energy Poverty in ASEAN, India, and China' in Bangkok.

The study aims to address three issues. First, the causal relationship between energy poverty and other socio-economic characteristics such as poverty, health, and education. Second, the deficit in the understanding and limited recognition of the issue of energy poverty by relevant national and regional authorities, which could further affect the wellbeing of people where energy poverty prevails. Third, concrete examples of how energy poverty could be eradicated through the implementation of concerted policies.

In closing, Dr Chantanakome expressed his hope that the Working Group would 'further pave the way with next steps for closer energy research studies that benefit the region.'

ERIA and AIPA Hold Dialogue with Parliamentarians on Better Regulatory Governance

19 April 2018, Jakarta, Indonesia



ERIA and the ASEAN Inter-Parliamentary Assembly (AIPA) held a dialogue entitled 'Parliamentarians Supporting the 'Quiet Revolution' for Better Regulatory Governance'. ERIA President Prof Hidetoshi Nishimura stated, 'To promote the benefits of reducing regulations and understand its challenges, the strong will of politicians and parliamentarians is needed. ERIA is happy to work with AIPA to strengthen the ASEAN Economic Community through insights on improving and repealing laws and regulations that are burdensome on business, and creating mechanisms to ensure quality new regulation'.

ASEAN Secretary-General, Dato Paduka Lim Jock Hoi noted that this Dialogue was a critical step in strengthening regulatory governance for a more rules-based, people-centred ASEAN. On the other hand, Hon. Isra Suthornvut, the Secretary-General of AIPA called on the people of ASEAN to embrace the ASEAN Community. In the following session, several experts from ERIA and other organisations shared their findings and perspectives regarding non-tariff measures and Reducing Unnecessary Regulatory Burdens. The dialogue continued the next day with a closed-door discussion on what parliamentarians can do to create a pro-business regulatory environment.

Prof Yamanaka Participates in OECD Forum 2018, IFRI RoundTable, and the Cambridge Central Asia Forum

30 May–4 June 2018, Paris, France and Cambridge, England



Prof Akiko Yamanaka, Special Advisor to the President of ERIA, spoke at the 'Woman and Development' session in the OECD Forum 2018 on 30 May 2018 in Paris, France. This session was moderated by Ms Yumiko Murakami, Head of Center, Tokyo, OECD. The forum focused on 'What brings us together' with the objective of moving from diagnosis to action and shaping solutions to bridge the divides that were discussed at the OECD Forum 2017 which Prof Yamanaka also attended.

On this occasion, Prof Yamanaka addressed the importance of women's contributions to post-disaster reconstruction and women's empowerment. On the latter, she said that 'Societies which allow women to choose whether to continue working soon after giving birth or wait and go back to work after the children start school are said to be the most advanced societies. Based on an OECD survey, we need a flexible way of thinking that allows women to contribute to regional and national development while accepting diversity such as countries, regions, ethnic groups and religions.'

Prof Yamanaka continued her trip in Europe and England by attending the Roundtable of Experts at the French Institute of International Relations on 1 June, which focused on trade issues such as the Trans-Pacific Partnership, economic cooperation between Japan and the



European Union, Japanese domestic issues such as constitutional reform and how to promote women's empowerment in Japanese political circles. She continued her trip to attend the Cambridge Central Asia Forum 'North East Asia: Toward the End of Cold War' at Cambridge University on 4 June where she discussed North Korea and its changing relations with South Korea, China, Russia, Mongolia, and the United States.

Lao PDR Ministry of Energy and Mines and ERIA Launches Lao PDR National Energy Statistics 2018

2 July 2018, Vientiane, Lao PDR



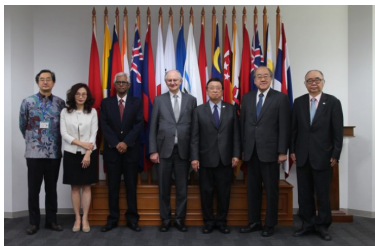
ERIA and the Ministry of Energy and Mines (MEM) of the Lao People's Democratic Republic (Lao PDR) launched Lao PDR National Energy Statistics 2018, the country's first national energy statistics that offers insights into the country's energy consumption, demand, and supply.

H.E. Dr Khammany Inthirath, the Minister of Energy and Mines, Lao PDR in his remarks stated that apart from the book launch, MEM and ERIA also signed a MoU extending ERIA's support in developing MEM's human capacity to enable it to publish the first Energy Outlook of Lao PDR, and to expand its expertise on energy economics and prepare a roadmap for electric vehicles.

Prior to the formulation of the Lao PDR National Energy Statistics, the Government of Lao PDR and ERIA had already developed a strong relationship through ERIA's assistance in the development of 'Lao PDR at the Crossroad: Industrial Development Strategy 2016–2030', which provided a comprehensive industrial and infrastructure development vision for Lao PDR.

ERIA Holds 10th Academic Advisory Council Meeting

5 July 2019, Jakarta, Indonesia



ERIA's President, Prof Nishimura, opened the 10th ERIA Academic Advisory Council (AAC) meeting and informed the AAC members about the expansion ERIA's fields of research and partnerships, which now include studies on the environment, ageing populations, and long-term care. ERIA also strengthened dialogue with energy officials of ASEAN and East Asian countries by holding the first East Asia Energy Forum to discuss current energy issues.

The meeting continued with a presentation by ERIA's Chief Economist, Prof Fukunari Kimura and Senior Policy Fellow for Energy and Environment, Prof Jun Arima on upcoming research projects for FY 2018. This was followed by discussion amongst AAC members and ERIA economists, providing insights and recommendations for the organisation's future work plan.

The AAC members in attendance were the Chairperson of the AAC Dr Hank Lim (Singapore Institute of International Affairs), Prof Dr Peter Drysdale (Crawford School of Economics and Government, Australia), Prof Kyoji Fukao (Institute of Developing Economies Japan External Trade Organization), and Dr Shankaran Nambiar (Malaysian Institute of Economic Research). Prof Gao Haihong (Research Center for International Finance, Institute of World Economics and Politics, Chinese Academy of Social Sciences) attended as an observer.

ERIA Hosts the Launch of the Hinrich Foundation's Sustainable Trade Index 2018

11 July 2018, Jakarta, Indonesia



The Hinrich Foundation released the key findings from the second edition of its Sustainable Trade Index at the ERIA office in Jakarta on 11 July.

The Sustainable Trade Index was devised by the Economist Intelligence Unit (EIU) and commissioned by the Hinrich Foundation. The team evaluated 19 Asian countries and the United States on their aptitude to trade in the international system. The index findings are very important in light of the escalating tensions on the international trade scene and the changing trends of foreign investment. While the overall performance of most countries worsened, small gains were made on different indicators. For example, Indonesia ranked 14th – the same as in the 2016 index – but made gains on the social pillar.

The event was hosted by ERIA as part of the activities organised by the Government of Indonesia, the International Monetary Fund (IMF), and the World Bank Group as the groundwork for the IMF–World Bank Group Annual Meetings held in Bali in October 2018.

ERIA Hosts the First ERIA–AmCham Briefing Series, Discusses Non-Tariff Measures

13 July 2018, Jakarta, Indonesia



ERIA partnered up with the American Chamber of Commerce (AmCham) Indonesia to hold a series of briefings on economic issues in ASEAN that affect the private sector. The first briefing was held on 13 July on 'Addressing Non-Tariff Measures in FTAs and RTAs'.

Dr Doan Thi Thanh Ha, ERIA Economist, presented a brief on Non-tariff Measures (NTMs) and how governments, academia, and the private sector perceive them. Dr Ha addressed the challenges in ASEAN countries, such as lack of transparency, difficulty of assessment, and

regulatory divergence. This presentation was followed by a panel discussion moderated by Dr Timothy Buehrer, Chief of Party at Nathan Associates Inc. In the panel were Dr Ha; Mr Nararya Soeprapto, the Head of Government Relations at Procter and Gamble Indonesia; and Mr Brasukra Gumilang Sudjana, Senior Officer on Trade Facilitation at the ASEAN Secretariat. The panelists stressed the importance of involving the private sector in conversations about the objectives that NTMs serve, the extent to which they are protectionist, and whether they can promote foreign investment and help domestic companies.

ERIA–OECD Joint Seminar: OECD Regional Economic Outlook 2018

24 July 2018, Jakarta, Indonesia



ERIA welcomed the Organisation for Economic Co-operation and Development (OECD) to present an update of the OECD's Economic Outlook for Southeast Asia, China, and India 2018. This publication, originally released in November 2017, was updated and relaunched with a focus on promoting e-commerce.

Kensuke Tanaka, Head of the Asia Desk and Prasiwi Ibrahim, Economist of the OECD Development Centre, presented the report's main findings, highlighting that growth is expected to remain strong for Southeast Asia, China, and India in 2018–2019. They identified six macroeconomic trends, including that domestic demand is an engine for growth, inflation is gaining traction, and optimism in capital markets has softened. The discussion also touched on the three related challenges of the impact of rising interest rates in the United States and other advanced economies, implementation of infrastructure projects, and advancing trade integration amid rising protectionism.

The conversation was moderated by Lurong Chen, ERIA Economist. The event opened with welcome remarks by Izuru Kobayashi, COO of ERIA, and concluded with a reception at ERIA's Information Centre.



Second ASEAN–India Workshop on Blue Economy and ERIA’s Participation in the 10th Delhi Dialogue

24–25 July 2018, New Delhi, India



Prof Hidetoshi Nishimura, President of ERIA, presented the findings of the Second ASEAN–India Blue Economy Workshop to H.E. Mrs Sushma Swaraj, the Foreign Minister of India on 22 July 2018 in New Delhi. The workshop was held the day before the Delhi Dialogue X in New Delhi. This workshop was of particular significance to the Delhi Dialogue’s theme of maritime cooperation, as the workshop presented specific recommendations on how to strengthen the links between India and ASEAN on maritime issues, such as security, commerce, and port development.

The Blue Economy concept is viewed as an alternative economic model for sustainable development that puts the oceans at the centre of this approach. This is in line with Goal 14 of the 2030 Agenda for Sustainable Development which focuses on the conservation and sustainable use of oceans, seas, and marine resources. In Southeast Asia, the maritime sector is very important as a means of logistics and transportation, economic resources, environmental sustainability, and sovereignty. Connectivity between ASEAN Member States with India is essential in many ways, given their potentials in the blue economy, their economic sizes, geographical locations, sea–land connectedness, and trade relations.

ERIA and Universitas Respati Indonesia Hold Workshop on Oral Care Assessment for Elderly Caregivers

28 August 2018, Jakarta, Indonesia



ERIA and the Centre for Family and Ageing Studies (CeFAS) of Universitas Respati Indonesia (URINDO) held a workshop on 'Oral Care Assessment for Elderly Caregivers' in Jakarta on 28 August 2018 at the main campus of URINDO that was attended by about 20 participants from the Japanese team (Nagasaki University), CeFAS URINDO, and also EPA returnees.

In her opening remarks, Rector of URINDO, Prof Tri Budi W. Raharjo expressed her gratitude towards ERIA and Nagasaki University for undertaking the research project 'Career Path of Care Workforce'. She also expressed her belief that the workshop will be beneficial for Asian countries, particularly Japan, Indonesia, and other ASEAN members.

Special Advisor to the President of ERIA for Healthcare and Long-term Care Policy, Dr Osuke Komazawa presented a brief about ERIA Healthcare Department, which conducts research on healthcare and long-term care, with a mission to provide policy recommendations to EAS governments.

Furthermore, Dr Komazawa said that the ultimate goal of this project was to elevate the status of caregivers, so that people could remain active and healthy as they go through their ageing process. Assuming the demographic transition from high to low fertility and mortality will accelerate globally, population ageing will increasingly intensify; hence a study like this is indispensable for realising sustainable development in an ageing world. One of the objectives of the workshop would be to create standards that can be applied by both countries – Indonesia and Japan.



ERIA Participates in 50th ASEAN Economic Ministers' and Related Meetings

1 September 2018, Singapore, Singapore



ERIA was honoured to be invited to the Sixth Economic Ministers' Meeting during the ASEAN Economic Ministers' Meetings in Singapore to present a discussion paper titled 'Regional Economic Integration: Managing the Challenges of Emerging Trade and Investment Issues'. Prof Nishimura opened the presentation by thanking the ministers for their continuous support and briefly delivered the outcomes from ERIA's 11th Governing Board Meeting before introducing Tan Sri Dr Rebecca Sta Maria, ERIA Senior Policy Fellow, who presented the Discussion Paper.

The paper focuses on how to manage three key challenges in the region: keeping markets open and fair, maintaining a transparent and predictable trade and investment environment that promotes integration; and optimising the use of new technologies and innovation, artificial intelligence, disruptive technologies and/or technological advancement.

Minister Chan of Singapore thanked ERIA for the presentation as written in the Joint Ministerial Statement (see Annex F).

Aside from this meeting, ERIA also participated in the Seventh AEM–Canada Consultations to present the results of a Joint Feasibility Study on the proposed free trade agreement, which indicated that both ASEAN and Canada will benefit from the Agreement.

ASEAN SME Policy Index 2018 Launched in Singapore

1 September 2018, Singapore, Singapore



ERIA with the Organisation for Economic Co-operation and Development (OECD) and the ASEAN Coordinating Committee on Micro, Small, and Medium Enterprises (ACCMSME), supported by the Government of Canada, officially launched the ASEAN SME Policy Index (ASPI) 2018 on 1 September 2018 at Shangri-La Hotel, Singapore.

The ASEAN SME Policy Index 2018 maps and benchmarks SME development policies across ASEAN Member States (AMS). There were

five notable findings of the ASEAN SME Policy Index 2018: (i) ASEAN countries have made significant advances in SME policy, notably in the areas of business development services, access to e-commerce, and GVC integration; (ii) MSMEs operate mainly in wholesale and retail trade, with high levels of informality; (iii) SME development is a growing priority for policymakers across ASEAN as they seek to establish a broader base for growth while ensuring that it is resilient and inclusive; (iv) most ASEAN countries are active in the area of SME policy and apply a mix of horizontal and targeted approaches; and (v) some AMS regard SME policy as a core tool to enhance welfare.

On this occasion, ERIA's Senior Policy Fellow Tan Sri Datuk Dr Rebecca Fatima Sta Maria talked about ERIA's continuous support during the development of ASPI 2018 together with the OECD team and expressed gratitude to all parties involved.

ERIA and IDE–JETRO Organise Workshop on Human Resource for Health and Elderly Care in Asia

3 September 2018, Bangkok, Thailand



The first workshop of ERIA's and IDE–JETRO's Collaborative Research Project on 'Human Resource for Health and Elderly Care in Asia' was held at Chulalongkorn University, Bangkok on 3 September 2018.

In their welcome remarks, Dr Yuko Tsujita, Senior Research Fellow of IDE–JETRO Bangkok and Mr Sota Machida, ERIA's Senior Officer of Healthcare and Long-term Care Policy, briefly introduced the workshop. Mr Machida also explained ERIA Healthcare Unit's mission to provide policy recommendations to EAS governments, especially ASEAN, and ERIA's willingness to work with both local and international institutions on ageing-related issues.

After an in-depth discussion on challenges for nurses and caregivers in the region, project members agreed to sum up the outcomes as a book. The book will have four chapters covering these topics: 'Indonesia as a nurse-sending country', 'Malaysia as a nurse-receiving country from India and other countries', 'Human resources for elderly care and



the policy on ageing in Thailand' and 'Japan as a caregiver-receiving country (Caregivers from the Philippines)'. This workshop was attended by participants from Chulalongkorn University, Indonesian Institute of Science, Ritsumeikan University, Ryukoku University, and IDE-JETRO.

ERIA Holds the 9th ASEAN Connectivity Symposium in Singapore

6 September 2018, Singapore, Singapore



ERIA President, Prof Hidetoshi Nishimura in his opening remarks at the 9th ASEAN Connectivity Symposium 'Towards Effective Implementation of the Master Plan on ASEAN Connectivity 2025' in Singapore, said that the Comprehensive Asia Development Plan (CADP) was developed as a recovery plan following the global financial crisis of 2008. Nearly a decade later, physical connectivity remains important but 'digital connectivity and upgrading the soft side of connectivity infrastructure are becoming increasingly important'.

The day's proceedings were divided into four sessions around the following themes: Implementation of the Master Plan of ASEAN Connectivity; Mobilising Resources for Infrastructure Projects in ASEAN; Connecting the Cities in ASEAN; and Empowering ASEAN MSMEs in the Digital Economy. They were chosen because seamless connectivity is seen as the key to unlocking the potential gains of the digital economy through ensuring a smooth flow of information, seamless logistics, and the free flow of capital.

Summing up the discussion, Ambassador Tan Hung Seng, Chair of the ASEAN Connectivity Coordinating Committee and Singapore's Permanent Representative to ASEAN, noted that connectivity is a work in progress and has many components. He added that achieving connectivity is a long-term, complex, and cross-cutting objective that will require both engagement with the private sector as well as the citizens of the region to ensure a people-centred and people-oriented ASEAN.

This symposium was attended by around 150 participants, including Chairs of the ASEAN Connectivity Coordinating Committee, Dialogue Partners, Sectoral Body Chairs, leaders from the private sector, academia, and international organisations.

Prof Yamanaka Participates in the 35th General Assembly of the International Council of Women

12–19 September 2018, Yogyakarta, Indonesia



Prof Akiko Yamanaka, Special Advisor to the President of ERIA, delivered a speech at the 35th General Assembly (GA) of the International Council of Women (ICW) ‘Transforming Society through Women’s Empowerment’ held from 12–19 September 2018 in Yogyakarta, Indonesia.

H.E. Joko Widodo, President of the Republic of Indonesia, officially opened the conference.

The Assembly was held to commemorate the 90th anniversary of the Indonesian Women’s Congress (Kowani), Indonesia’s oldest and largest women’s organisation. It was attended by 200 delegates from 80 countries, 1,000 representatives of women’s organisations and over 2,000 participants from ministries and embassies in the country.

Prof Yamanaka was one of the speakers of the first panel discussion, ‘Empower A Woman, Transform a Society’, in which she spoke about women’s empowerment in the political, economic, and education fields. She pointed out three key ways for raising awareness of future peace and stability of the international community: ensuring social resilience; addressing common interests; and establishing an age of balance.

ERIA and IDE–JETRO Co-organise Working Session on Technology Transfer and Trade at WTO Public Forum

4 October 2018, Geneva, Switzerland



ERIA and the Institute of Developing Economies, Japan External Trade Organization (IDE–JETRO) co-organised a working session on the sidelines of the WTO Public Forum in Geneva.

ERIA’s Chief Economist, Prof Fukunari Kimura was one of the panelists in the working session, entitled ‘Who Should Control Technology Transfer for Trade and Economic Growth: Global Economic Integration and Industrial Policy in Emerging Asia’. Prof Kimura delivered a presentation





on the international division of labour, particularly about forms of technology acquisition in developing countries. He drew on Richard Baldwin's concept of unbundlings in discussing the development of division of labour.

He went on to talk about technology transfer and spillover, noting that there have been cases of 'forced' technology transfer in which companies are imitating or stealing technologies, and there are intentional technology transfers through transactions between foreign and local firms. 'IDE-JETRO and ERIA have continuously conducted micro studies on this and found that 'foreign firms tend to have strong incentives for doing intentional technology transfer'.

The other panelists were Ram Upendra Das, Head and Professor, Centre for Regional Trade (CRT), Centre for Research on International Trade (CRIT), Department of Commerce, Ministry of Commerce and Industry, Government of India; Chawalit Jeenanunta, Associate Professor, Assistant Director for Building, Ground, and Properties, Sirindhorn International Institute of Technology, Thammasat University; and Tomohiro Machikita, Associate Senior Research Fellow, Institute of Developing Economies, Japan External Trade Organization (IDE-JETRO).

ASEAN Must 'Move Boldly' Says Amb Bilahari at the 7th ERIA Editors Roundtable

6–7 October 2018, Singapore, Singapore



ERIA with Nanyang Technological University's S. Rajaratnam School of International Studies held the seventh ERIA Editors' Roundtable in Singapore on the theme of 'ASEAN and Indo-Pacific: Challenges Ahead'.

With the aim of providing a platform to discuss recent issues faced by ASEAN leaders, the event offered four sessions: Economic and political/security implications of ASEAN and Indo-Pacific, updates on the ASEAN Economic Community, and an interactive dialogue session on 'fake news'.

Mr Bilahari Kausikan, Chairman of the Middle East Institute, National University of Singapore and former Permanent Secretary at the Ministry

of Foreign Affairs for Singapore said that, the dynamic changes of global politics call for East Asia, particularly ASEAN, to act to navigate through future challenges. 'Hedging against the long-term uncertainties and taking advantage of whatever opportunities may exist, requires ASEAN to move boldly on the second phase of economic integration which aims at creating a common market and common production platform in Southeast Asia.'

ERIA Attends the 36th ASEAN Ministers on Energy Meeting and Associated Meetings

29 October 2018, Singapore, Singapore



ERIA's President, Prof Hidetoshi Nishimura, and a high-level delegation of ERIA's energy experts attended the 36th ASEAN Ministers on Energy Meeting (AMEM) and Associated Meetings in Singapore.

Prof Nishimura presented ERIA's energy research activities at the 12th East Asia Summit Energy Ministers Meeting (EAS EMM) that was held as part of the 36th AMEM. He highlighted four research projects that ERIA had been working on. First, projects related to ASEAN Power Generation and Transmission System Planning Institution (AGTP) and ASEAN Transmission System Operator Institution (ATSO). Second, issues related to the natural gas market. Third, delivery of liquefied natural gas to islands in the Philippines. Fourth, a hydrogen potential study in the EAS region. He also announced ERIA's plan to hold the Second East Asia Energy Forum and the ERIA Energy Research Institutes Network (ERIN) Meeting in New Delhi in March 2019.

During the EAS EMM, delegations from Japan, Brunei Darussalam, Cambodia, and Myanmar expressed their appreciation for ERIA's research projects on energy. See Annex F for ERIA being mentioned in the Joint Ministerial Statement of the 12th EAS EMM.



ERIA and Bappenas Hold The 1st High-Level Policy Roundtable on Indonesian Manufacturing Development Strategy

5 December 2018, Jakarta, Indonesia



Indonesia National Development Planning Agency (Bappenas) and ERIA organised a High-Level Policy Roundtable on 'Indonesian Manufacturing Development Strategy for 2020–2024' in Jakarta, Indonesia. The event presented policy recommendations drawn from the background study jointly conducted by Bappenas and ERIA.

H.E. Prof Dr Bambang Brodjonegoro, Minister of National Development Planning, started the discussion on the role of the manufacturing sector in Indonesia's overall development with a focus on policy directions and strategies for revitalising the Indonesian manufacturing sector. H.E. Mr Airlangga Hartarto, Minister of Industry, presented on the model of 'Industry 4.0' for the development of Indonesian manufacturing in the future.

The roundtable meeting was followed by comments covering a range of topics including participating in global value chains, improving productivity and upgrading technology, export reorientation, and free trade agreement utilisation. Members of the discussion included respected international and local academics, such as Prof Ari Kuncoro of the University of Indonesia, Prof Hari Muhammad of the Bandung Institute of Technology, Prof Premachandra Athukorala of the Australian National University, Prof Chin Hee Hahn of Gachon University in Korea, and Prof Shandre Thangavelu, Vice President of the Jeffrey Cheah Institute for Southeast Asia of Sunway University. The discussion also invited comments from Mr Mirza Adityaswara, Senior Deputy Governor of Bank Indonesia; Professor Hidetoshi Nishimura, President of ERIA; and Mr Warih Tjahjono, Toyota Manufacturing Indonesia. The discussion was moderated by Dr Dionisius Narjoko, ERIA Senior Economist.

ERIA Participates in ASEAN Business and Investment Summit 2018

12–13 November 2018, Singapore, Singapore



ERIA's President, Prof Hidetoshi Nishimura, led the ERIA delegation attending this year's ASEAN Business and Investment Summit (ABIS) held in Singapore on 12–13 November 2018.

Prof Nishimura participated in a session entitled 'New Regional Insights from Structural and Macroeconomic Perspectives by ERIA and OECD' together with Director of the OECD Development Centre Mr Mario Pezzini.

On this occasion, Prof Nishimura reaffirmed ERIA's commitment to supporting the development of ASEAN and East Asian countries. 'Over the last 10 years, the world has seen dramatic changes. It will continue to face numerous challenges. ERIA will conduct research and make policy recommendations from a wide perspective to help tackle challenges such as population ageing, digitalisation, energy security, and environmental issues on the road to the further development of ASEAN and East Asia,' said Prof Nishimura.

The first day of ABIS 2018 was closed by a keynote address by Myanmar State Counsellor Daw Aung San Suu Kyi. On the second day, the keynote address was delivered by the Prime Minister of Thailand H.E. Mr Prayut Chan-o-cha and the Prime Minister of Malaysia H.E. Tun Dr Mahathir Mohamad. H.E. Mr Hiroshige Seko, Minister of Economy, Trade, and Industry of Japan also delivered his remarks in a special session.

ERIA's Efforts Praised in Chairman's Statement of 33rd ASEAN Summit

13 November 2018, Singapore, Singapore



Prof Hidetoshi Nishimura, ERIA's President and Mr Izuru Kobayashi, ERIA's Chief Operating Officer attended the 22nd ASEAN Coordinating Council Meeting in Singapore.

They welcomed the launch of three key initiatives – the 'Initial Rolling Priority Pipeline of Potential ASEAN Infrastructure Projects', 'ASEAN Sustainable Urbanisation Strategy', and 'Study on Micro, Small, and Medium Enterprises (MSMEs) Participation in Digital Economy in ASEAN' by implementing the Master Plan on ASEAN Connectivity (MPAC) 2025. ERIA contributed as one of the organisers of the 9th ASEAN Connectivity Symposium in September 2018 and supported the implementation of the first Project of MPAC 2025's Initiative 4 'Study on MSME Participation in the Digital Economy in ASEAN.'

The efforts and contributions made by ERIA towards the economic integration and development of ASEAN and the East Asia countries were recognised in the Chairman's Statement of the 33rd ASEAN Summit and Related Summits (see Annex F).

ERIA and TTCSP Co-host Asia Think Tank Summit 2018

21–23 November 2018, Bali, Indonesia



ERIA and the Think Tank and Civil Societies Program (TTCSP), University of Pennsylvania co-hosted the 6th Asia Think Tank Summit (ATTS) from 21–23 November 2018 in Bali, Indonesia. This year's theme 'Think Tanks: A Bridge Over Troubled Waters and Turbulent Times' which shed light on alarming trends such as rising protectionism and nationalism, while challenging think tanks' roles in responding to these issues.

Leading academics and organisations from across the Asia–Pacific and Europe were in attendance including the following sponsors: Our Hong Kong Foundation, Konrad Adenauer Stiftung, McKinsey Global Institute, King Abdullah Petroleum Studies and Research Centre, and the Asian Development Bank Institute.

The first day of ATTS kicked off with an executive panel involving senior-ranking representatives of think tanks from Indonesia, Azerbaijan, Bangladesh, India, and Nepal. ATTS 2018 concluded with a roundtable discussion which summarised key findings and recommendations from every group. The contributions of ATTS participants reflected think tanks and policy institutes' adeptness of remaining relevant and active in promoting policy solutions in tumultuous modern times.

ASEAN Secretariat and ERIA Pay Tribute to Dr. Surin Pitsuwan

3 December 2018, Jakarta, Indonesia



The ASEAN Secretariat and ERIA co-hosted an event to commemorate the legacy of the late Dr Surin Pitsuwan, who served as ASEAN's 12th Secretary-General from 2008–2012, at the ASEAN Secretariat in Jakarta, Indonesia. Dr Surin's family members, close friends, and high-ranking speakers from across Southeast Asia highlighted his pivotal role in raising the profile and prominence of the regional organisation on the international stage.

'Dr Surin and I had overcome several difficulties together from the very start of ERIA. After retiring as Secretary-General of ASEAN, he was very engaged as a Special Advisor to the President, providing guidance and inspiration,' said Prof Hidetoshi Nishimura, the President of ERIA.

Dr Surin was also instrumental in establishing ERIA in 2008, realising that ASEAN would need a world-class research organisation that will generate intelligence regarding the challenges for economic progress and prosperity of the region. His leadership is acknowledged as a memorable part of ASEAN's journey and one that has significantly influenced the organisation's international renown. The forum hopes to carry on with Dr Surin's spirit and enthusiasm in creating a unified and peaceful ASEAN as the regional organisation forges ahead in the next phase of regional integration.



ERIA and UNDP Launch Project 2045 Final Report and Host High-Level Seminar and Reception

8 December 2018, Jakarta, Indonesia



ERIA and the United Nations Development Programme (UNDP) hosted a reception and High-Level Seminar to launch the report of 'Project 2045: The Path to Peaceful and Prosperous Indonesia 2045' on 8–9 December 2018 in Jakarta, Indonesia.

Project 2045 was established to commemorate the 60th anniversary of Indonesia–Japan diplomatic relations. The objective of the report is to provide a vision of cooperation between the two countries progressing towards 2045 – the 100th anniversary of Indonesia’s independence. The report highlighted three common targets at the political, economic, and social levels: (i) to uphold democracy and become maritime global powers, (ii) to be ranked amongst the world’s top five economies, and (iii) to achieve high quality of life beyond the 2030 Sustainable Development Goals.

Dr Takashi Shiraishi, the Chancellor of the Prefectural University of Kumamoto and H.E. Mr Muhammad Lutfi, the former Ambassador of the Republic of Indonesia to Japan co-chaired the committee in charge of the development of the report. The full report was handed to H.E. Drs. H.M. Muhammad Jusuf Kalla, the Vice President of Indonesia and H.E. Mr Teru Fukui, the former Minister of State for Ocean Policy and for Okinawa and Northern Territories Affairs, Japan by the two co-chairs during the reception. The High-Level Seminar reflects how after 6 decades of strong, cooperative bilateral relations, Indonesia and Japan remain dedicated to further strengthening their ties for the realisation of an equitable society.

4th Asia Cosmopolitan Award Ceremony

10 January 2019, Nara, Japan



ERIA and the Nara Prefecture of Japan held an awarding ceremony, Nara Forum 2019, for the Fourth Asia Cosmopolitan Awards (ACA). The awards recognise individuals or organisations that have significantly helped advance cultural integration, economic integration to narrow developmental gaps, and establishment of sustainable growing society in East Asia.

Former Prime Minister of Japan HE Yasuo Fukuda received the Grand Prize of the 4th Asia Cosmopolitan Awards (ACA) in recognition of his contributions and leadership with a focus on diplomacy toward Asia to ensure specific actions are taken to achieve ASEAN's economic integration.

In the economic and social science category, the award was given to Richard E. Baldwin, Professor of International Economics at the Graduate Institute of International and Development Studies, Geneva, for his work in the field of trade policy and economic integration, particularly his work on the 'third unbundling'. For the cultural category, the awards were given to teamLab, Art Collective, and Ms Mieko Noguchi, a glass artist. Dr Surin Pitsuwan (1949–2017), Former Secretary-General of ASEAN received the Memorable Prize for his significant contributions to ASEAN's development.

Prof Hidetoshi Nishimura said that, 'The Asia Cosmopolitan award strives to become the East Asia Nobel Prize.'



ERIA attends T20 Japan 2019 Inception Conference

4-5 December 2018, Tokyo, Japan



The Inception Conference of the Think20, also known as the T20, is meant to help guide policy innovations during Japan's 2019 G20 Presidency that address priority areas ranging from trade to infrastructure development to climate change. ERIA was invited to join its research and policy advice meeting held in Tokyo, Japan on 4–5 December 2018.

The Parliamentary Vice Minister of Foreign Affairs, Mr Kenji Yamada, presented the inaugural speech. In this conference, there are 10 Task Forces, in which ERIA Chief Economist, Prof Fukunari Kimura was the lead Co-Chair of Task Force 8 – Trade, Investment, and Globalisation.

Ms Anita Prakash, Director General of ERIA's Policy Design Department, participated in two Task Forces – Future of Work and Education for the Digital Age, led by Peter Morgan of ADBI, and Cooperation with Africa.

Task Force 8 will produce six Briefs – one overarching view of trade investment and globalisation, WTO Reforms, Services, Investment Facilitation, GVCs – connection with trade policy, and Data Flow. Task Force 7 has agreed that Ms Prakash will write on Automation and Global Value Chains. For Task Force 5, Ms Prakash will write on Industrialisation in Africa and ICT.

All the Task Forces, the Leads, and Co-Chairs assembled in ADBI in the afternoon of 5 December, where the plans of each TF were shared. It was agreed that the drafts would be submitted by 15 March, except that the Africa Group had an early submission date of February because of the AU Summit meeting.

ERIA participates in Focus Group Discussion on Connecting the Connectivities in Indo Pacific

18 February 2019, Cirebon, Indonesia



ERIA PDD has continued to work on the important theme of ‘connecting the connectivities in Indo Pacific’ jointly with stakeholders such as Indonesia, India, OECD, EU, and ASEAN in setting out the connectivity mapping in the Indo–Pacific region. In particular, ERIA has supported the task of KEMLU, Indonesia in developing the Report on ‘Indo–Pacific Cooperation: Towards a Peaceful, Prosperous, and Inclusive Region’ which will be presented to the Ministerial meeting in Jakarta on 20 March 2019. For this purpose, ERIA participated in a Focus Group Discussion convened by KEMLU, Indonesia in Cirebon on 18 February 2019. A comparative analysis of all the connectivity plans in Indo–Pacific, such as MPAC, AAGC, BRI, ASEM, EU–Asia, and IORA were explained by ERIA. Besides ERIA, the DCM of the EU Embassy to Indonesia and the ADB also presented on the theme.

ERIA Launches Myanmar National Energy Statistics 2019

11 March 2019, Nay Pyi Taw, Myanmar



ERIA, with the Ministry of Electricity and Energy of the Union of Myanmar, *launched Myanmar National Energy Statistics 2019.*

In his welcoming address, H.E. U Win Khaing, the Minister of Electricity and Energy, underlined the importance of statistics for government in decision making and policymaking, which are essential for good governance.

ERIA’s President, Prof Hidetoshi Nishimura, summarised the various cooperation that ERIA and the Government of Myanmar have undertaken over the years, which have increasingly strengthened the working relationship. Prof Nishimura went on to explain that this book contained historical energy balance tables from 2000 to 2016, which were produced based on the country’s primary energy data such as fossil fuels, electricity, and biomass.



'Reliable energy statistics would enable MOEE to establish realistic and practical energy policies to secure energy supply to Myanmar with affordability, accessibility, security, and safety', said Prof Nishimura.

ERIA's Special Adviser to the President on Energy Affairs, Mr Shigeru Kimura, in his Keynote Speech highlighted several measures recommended to update the energy balance table: (i) assign one section to engage primary energy data collection as hub; (ii) regularly collect accurate primary energy data from all the stakeholders; (iii) establish the collection system using information technology; and (iv) increase the capacity of energy statisticians by joining energy statistics training.

ERIA and Ministry of Mines and Energy Publish Cambodia Basic Energy Plan

20 March 2019, Phnom Penh, Cambodia



ERIA, with the Ministry of Mines and Energy of the Kingdom of Cambodia, launched the *Cambodia Basic Energy Plan*. 'This basic energy plan applies a common approach to analysing each energy field – Oil, Electricity, Renewable, Energy Security, and Energy Outlook. The first step is to analyse the current energy issues in Cambodia in each energy field. The second step is to establish the appropriate targets for solving the issues. And the third step is to produce energy action plans, policies, and roadmaps for achieving those targets. The plan aims for energy supply to Cambodia with affordability, accessibility, sustainable security, and safety. It also provides suggestions for creating a transparent energy market,' said Mr Shigeru Kimura, ERIA's Special Adviser to the President on Energy Affairs, in his opening remarks.

He added that the Basic Energy Plan sets out many medium-term targets, which would need to be reviewed every 5 years after the government's implementation of programmes and actions aimed at achieving the targets set.

ERIA has worked with the ministry to produce the Cambodia National Energy Statistics in 2016.

'These two books will help Cambodia's with its domestic energy policy, as well as enhance its regional energy cooperation with other ASEAN member countries, and other regional and international bodies such as the ASEAN Centre for Energy (ACE) and the International Energy Agency (IEA) that require data from time to time for policy and analysis,' said Mr Kimura.



Research and Research-Related Activities



Research is at the core of ERIA's mandate. From it spring other roles that ERIA is tasked to do, such as research dissemination; capacity building aimed at strengthening policy research capacities in less developed countries, especially Cambodia, Lao PDR, Myanmar, and Viet Nam (or the CLMV countries); and providing policy recommendations to policymakers of ASEAN and East Asia Summit countries.

ERIA research projects focus on four major themes: (i) deepening economic integration, (ii) narrowing development gaps, (iii) achieving sustainable economic development, and (iv) energy-related research.

Below is a summary of the completed research projects in FY2018 according to themes.

Deepening Economic Integration



1. ASEAN Vision 2040

The Economic Research Institute for ASEAN and East Asia (ERIA), in support of Thailand's ASEAN chairmanship in 2019, prepared a report on ASEAN Vision 2040. This project presents a vision for ASEAN by 2040 marked by regional integration along social and economic lines. Each chapter presents an issue or policy area of relevance to ASEAN and recommends key strategies for transition and implementation of each relevant issue.

The ASEAN Vision 2040 report provides important analyses, insights, and recommendations on the various important issues for ASEAN Economic Community (AEC), ASEAN Socio Cultural Community (ASCC), and ASEAN Political Security Community (APSC) moving to 2040. Issues include those related to the ASEAN single market, the new industrial revolution, and its implications for ASEAN economic transformation and integration; the drive towards an inclusive and innovative ASEAN of good governance; the challenges of resiliency and sustainability in the region; the fundamental challenge that ASEAN needs to be felt as vital to the lives and livelihoods of ASEAN people; and the challenge of strengthening ASEAN centrality in a changing global and regional geopolitical environment.

The report consists of many chapters and each chapter tackles an issue of importance for ASEAN Vision 2040. Each chapter discusses the vision for 2040 related to the chapter, explains the rationale, and maps out the transition path from the current period to the targeted 2040 Vision (i.e. key strategies). Each section takes into consideration three critical points embedded in the report:

1. 'Leave no one behind';
2. Making the ASEAN project feel vital to the lives and livelihood of ASEAN people; and
3. The risk of a diminution of ASEAN if it fails to deliver.

The ASEAN Vision 2040 report offers key policy recommendations for strengthening ASEAN. They include:

1. realising a Seamless ASEAN as a single market and production base underpinned by good regulatory practice;
2. emphasising the importance of collective leadership and ASEAN centrality in East Asia and the Indo-Pacific region;
3. establishing a stronger sense of an ASEAN community amongst ASEAN people; and
4. promoting regional and sustainable economic growth, trade, transformation, good regulatory practice, cooperation, innovation, and free flow of information.

Geographic scope: ASEAN

2. ASEM Connectivity Inventory

Partner: European External Action Service (EEAS), Clingendael Institute

The need for strengthened connectivity between Asia and Europe has been recognised since the 10th Asia-Europe Meeting (ASEM) Summit of 2014 held in Italy. The 11th ASEM Summit of 2016 held in Ulaanbaatar agreed to make ASEM responsive to emerging demands for connectivity within a framework of economic prosperity, institutional linkages, and social-cultural exchange and

cooperation, and to this end established the ASEM Pathfinders Group on Connectivity (APGC).

In view of the unique institutional nature of ASEM and the diversity in the areas of cooperation within the ASEM framework, the ASEM Pathfinders Group on Connectivity (APGC) requested ERIA to prepare an inventory of all ASEM connectivity related activities since 2014, and to come up with recommendations for the APGC and the Senior Officials Meeting that would enable the two bodies to create a practical and contemporary plan for ASEM connectivity. Following this request, ERIA prepared the ASEM Connectivity Inventory which consolidates the lessons in the field of connectivity from ASEM activities held between October 2014 and April 2018. It supports the APGC in further developing the direction of and framework for policy processes of ASEM's Asia–Europe connectivity activities.

Two key conclusions emerge from the inventory of ASEM activities. First, a considerable number of ASEM activities touches upon one or more of the three connectivity pillars, but their relevance and contribution to advancing physical, institutional, or people-to-people connectivity in member countries are not fully evident. The uneven distribution of events over time and topics, inadequate follow-up, and indeterminate implementation of outcomes are not uncommon in activities under the three pillars of ASEM. The inventory cautions ASEM against interpreting the high number of activities as evidence of their strong contribution to connectivity between Asia and Europe.

Second, the inventory found that the formal structures of ASEM – such as Ministers' meetings

and Summits – are rather results-oriented. These structures constitute ASEM's strength as they typically provide clear guidance and directions. In the inventory it was noted that APGC can particularly benefit from Ministerial and SOM meetings on transport, economy, and finance – the hard aspects of ASEM connectivity – as these bodies are favourable to APGC's formation, and that their work will be linked with that of the APGC.

This ASEM Connectivity Inventory recommends the following:

- To consider a greater role for the APGC (and SOM) in managing the diversity and uneven outcomes of ASEM connectivity activities through a careful selection of topics, coordination amongst stakeholders, wider participation (of youth and women in particular), a more unified way of presenting findings and outcome documents, and a shared sense of direction and follow-ups.

These adjustments will make ASEM more responsive and relevant to the peoples of Asia and Europe. Initiatives for digital connectivity, sustainable development, higher education, technology, and innovation will make ASEM future-proof and more agile.

- To update ASEM's definition of connectivity to address the gap between present-day activities and long-term needs, and the APGC can facilitate this makeover.
- To match the performance of ASEM's informal institutions – Track 1.5 and Track 2 dialogues – with the clear focus and direction of its formal platforms.



In moving forward and to add value for ASEM connectivity activities, the APGC can establish frameworks for and linkages with other multilateral bodies, global compacts, and non-ASEM programmes of Asia–Europe cooperation.

Geographic scope: Asia, ASEAN, Europe, and Oceania

3. Assessment of Global Value Chains in the ASEM Region: Strengthening Economic Connectivity for Sustainable and Inclusive Growth

Partner: International Trade Center

The 7th ASEM Economic Ministers' Meeting (EMM7) was held in Seoul, Korea on 21–22 September 2017, chaired by H.E. Paik Ungyu, Minister of Trade, Industry and Energy of the Republic of Korea. It was attended by economic and trade Ministers from 21 Asian countries and 30 European countries, coordinated by European Commission and Estonia in its role as the President of the Council of the European Union, the EU Trade Commissioner, and the Deputy Secretary-General of ASEAN.

The theme of the meeting – 'Reconnecting Asia Europe: Innovative Partnership for Inclusive Prosperity' – reflected the important agenda of linking ASEM connectivity with the growth and prosperity of the two regions. The trade ministers concentrated on three themes: i) facilitating and promoting trade and investment, ii) strengthening economic connectivity, and iii) sustainable and inclusive growth and mandated ERIA to conduct a study on ASEM global value chains. Trade is the most

visible aspect of ASEM connectivity and the GVC structures between the two regions are important for understanding the region's pivotal role in both regional and global growth. Therefore, a study of the GVC structure within the ASEM region helps ASEM senior officials undertake policy consultations and activities that deepen Asia–Europe economic connectivity and induce sustainable and inclusive growth in the ASEM region.

Europe has created a seamless movement of goods, capital, and people in the European Union (EU). Countries outside the EU are also integrated with EU production networks through various trade agreements. Asia has been the growth centre of the global economy over the past decade. East Asia is a region where production networks, particularly in machinery industries, are the most advanced in the world. Trade integration within the world economy – particularly so within Europe and Asia, has increased rapidly. GVCs have brought special benefits to firms in low-income and developing countries through sophisticated imported technology, know-how, richer skill-sets, and above all new opportunities. Small and medium-sized enterprises (SMEs) in particular have benefited from participation in GVCs.

GVCs have changed the Asian and European economic and political landscapes in fundamental ways. Advances in technology and an enabling policy environment have allowed businesses to internationalise their operations across multiple locations to increase efficiency, lower costs, and speed up production. ASEAN and developing East Asia have proved that moving up in global value chains (GVCs) can be achieved through better and more reliable connectivity.

ASEM GVCs are drivers of sustainable and inclusive growth in the region. GVCs are particularly beneficial for lower-income countries and smaller firms. Deeper integration into GVCs help them through reduced costs of internationalising their productions, regulatory compliance, and search for profitable markets and reliable partners. SMEs can join an international value chain at different points and provide a variety of inputs.

The study will be presented to the ASEM Senior Officials Meeting – Trade and Industries (SOMTI) – for the findings to be put before the EMM 8.

Geographic scope: Asia, ASEAN, Europe, and Oceania

4. Brussels Report on Strengthening Asia Europe Connectivity: Drawing Synergy from Global Development and Governance Programmes

Partner: European External Action Service (EEAS)

At the 12th ASEM Summit in Brussels held on 18–19 October 2018, ASEM leaders met under the theme of ‘Global Partners for Global Challenges’ to chart ASEM’s common response to global challenges. The Brussels Report on Strengthening ASEM Connectivity supported the leaders and policymakers of ASEM to assess the drivers of deepening ASEM connectivity and effectively use the ASEM connectivity mechanisms for delivering results in global programmes of development. The Brussels Report highlights the strength of Asia and Europe’s mechanisms to support member countries and global institutions alike in the progress towards sustainable development goals and to create

conditions that allow the benefits of development to be shared by all. The report highlights that ASEM connectivity transcends the borders of Asia and Europe when the two regions work together to contribute to global programmes of development such as the 2030 Agenda; the Paris Agreement; the Sendai Framework for Disaster Risk Reduction; and the Istanbul, Almaty, and SAMOA plans of action. The report provides concrete examples of and recommendations on how ASEM connectivity mechanisms can contribute significantly in realising the objectives of these programmes.

The Brussels Report provides details on how ASEM’s connectivity activities can be converged with the objectives of global development programmes and its outcomes shared with intergovernmental organisations and their subsidiary bodies in charge of monitoring those programmes and supporting capacity building in several countries. The report also brings out those aspects of Asia–Europe Connectivity that reinforce and strengthen multilateralism and a rules-based international order. ASEM’s strength and mandate is aligned with the workings of multilateral institutions and governance mechanisms for trade, financial stability, and economic growth. The Brussels Report recommends the interlinkage of ASEM with multilateral global governance organisations. ASEM represents a group of countries that face many of the same challenges faced by the global community – sustainable growth, income inequality, trade, climate change, disaster risks, and peace and security. Governments across the globe recognise connectivity’s growing importance for sustainable development, trade and economic cooperation, new areas of connectivity, peace and security, and bringing people closer together.



The Brussels Report on strengthening ASEAM connectivity converged with the theme of the 12th ASEM Summit: 'Global Partnerships for Global Challenges'. The Brussels Report was presented to the 12th ASEM Summit in Brussels in October 2018.

5. Cities, Urban Amenities, and the Global Production Value Chain: New Developments in Trade and Services Liberalisation in East Asia and ASEAN

Regional and global supply chain activities in Asia and ASEAN are growing and deepening as more mature economies move to the second stage of production fragmentation and newly emerging ASEAN countries are already building up the industrial base for the first stage of production fragmentation. However, we are also observing certain challenges emerging in the Asian region. Liberalisation – in particular services and investment liberalisation – is losing momentum. Asian cities are plagued by high population densities, which decreases the returns on urbanisation (pollution and congestions) and limits their productive contribution to regional growth. The level of trade and investment liberalisation in multilateral agreements such as the Regional Comprehensive Economic Partnership (RCEP) is becoming weaker which does not augur well for further regional integration.

Several policy issues have to be addressed as East Asian and ASEAN economies are in different stages of growth in the global production value chain. Most of the developed ASEAN countries of Indonesia, Philippines, Thailand, and Viet Nam are in the middle stage of second unbundling; Malaysia is in the later

stage of second unbundling; and the ASEAN least developed countries of Cambodia and Lao PDR are now in the early stage of second unbundling. Singapore is already in the early stage of third unbundling.

Geographic scope: ASEAN and East Asia

6. Economic Impact of ASEAN Economic Integration

This project will assess the impact of the ASEAN Economic Community (AEC) on the economies of the ASEAN Member States (AMS). Since its inception in the early 2000s, AMS have, jointly and concertedly, embarked on a region-wide economic integration using the AEC as the framework. The Community is now in the second round of its implementation with the next milestone set for 2025. The year 2020 arrives as the midpoint of the AEC 2025. The report of this project is intended to serve as a companion document for the official AEC 2025 Midterm Review process. This is in line with the enhanced monitoring and implementation mechanism in the AEC 2025 for a more effective implementation.

In assessing the impact of AEC, this project will focus on answering the question of whether the AEC since its inception has been improving the economic performance and welfare of the AMS, individually or together as a region. But this needs to be placed into its proper context, so the project will firstly evaluate the extent of liberalisation in each of the AMS, which should give us some idea about how far AMS have become integrated since the early 2000s. This evaluation should reflect various

measures implemented through the AEC, although each member state's unilateral actions should also be reflected in it.

Geographic scope: ASEAN

7. Handbook of Asian Economic Integration

ERIA has been working together with Edward Elgar Publishing to produce a handbook on regional economic integration in Asia. The volume compiles and places in the context of related research in this field the wide range of ERIA's publications relevant to this topic. It serves to highlight ERIA's significant contribution in this field and identifies priorities for future work.

Elgar handbooks are designed to provide a broad overview of research in a given field while creating a forum for a more challenging, critical examination of complex and often underexplored issues within that field. Often widely cited, individual chapters present expert scholarly analysis and offer a vital reference point for advanced research. The handbook comprises original, specially commissioned chapters.

In addition, the publisher establishes a companion website for the book, which includes all the data used in all chapters (tables and charts) and material recorded by authors to make it easier for the handbook to be used for teaching purposes.

Geographic scope: Asia



Narrowing Development Gaps



1. A Study on Micro, Small, and Medium Enterprise Participation in the Digital Economy in ASEAN

Partners: ASEAN Connectivity Coordinating Committee (ACCC), ASEAN Coordinating Committee on Micro, Small And Medium Enterprises (ACCMSME)

The digital economy is the greatest and most powerful driver of innovation, competition, efficiency, and growth of economies, sectors, industries and firms – whether large businesses or Micro, Small, and Medium Enterprises (MSMEs). Since digital technology is increasingly becoming

better, cheaper, and easier, MSMEs in developing countries, those in ASEAN included, have much better opportunities to take full advantage of the digital economy. This applies, for example, to those involved in e-commerce including many digitally driven financial technology or fintech businesses, which constitute the main artery of the digital economy itself. However, heavily outdated laws and regulations and, worse, the complete absence of a wide range of facilitating or conducive laws and regulations could create major difficulties in initiating and sustaining the transition to e-commerce in the digital age within the developing region.

The increased efficiency in production and

marketing as well as new products and services made possible by digital technologies and tools in ASEAN could potentially be worth up to US\$625 billion by 2030 (8% of ASEAN's gross domestic product in that year). Capturing such opportunities requires the establishment of regulatory frameworks for the delivery of new digital services (including data management, secure financial services, and efficient logistic services); and the provision of support for the sharing of best practices in equipping MSMEs with the capabilities to access these new technologies and tools. For all practical purposes, the need for such technical support is unlimited in both range and scope at the grass-root (entrepreneur), enterprise, industry, sectors, and policy and regulatory levels. It is also particularly pressing in ASEAN countries which are less advanced in their economic development, to enable them to leapfrog the development process by adopting e-commerce and the digital economy.

It should also be noted that digital technology (including service/e-commerce) platform companies (hereafter 'digital platformers') play the key role in developing an effective digital technology ecosystem for MSMEs. To date, several multinational digital platformers have emerged from the United States and China (e.g. Google, Amazon, Alibaba, Baidu, and Tencent) while regional digital platformers (e.g. Lazada, GO-JEK, Tokopedia, and Grab in ASEAN) are also showing their strong presence. These digital platformers create value externally with digital partners and communities of users. They are providing digital solutions to MSMEs including customer interface, digital marketing, products/service delivery, bookkeeping, and financial settlements. In these new configurations, the platform is the business model. They are developing well-designed e-commerce marketplaces that

address (at least partially) the issue of information asymmetry between large-sized companies and MSMEs through provision of reputation and optimised pricing mechanisms.

A survey is proposed to be conducted amongst digital platformers, MSMEs, and the government agencies in charge of SME/ICT in ASEAN to gain a deeper understanding of the current situation in relation to digital adoption, including the current and planned services to be provided by major digital platformers for MSMEs in the region as well as the key barriers, if there are any, preventing these services from being delivered to MSMEs. The survey findings and recommendations can be discussed amongst relevant committees in ASEAN (e.g., ACCMSME, ACCEC, and TELSOM) and other stakeholders. This work will support the implementation of the MPAC 2025 Initiative 4 concerning enhancing the development of MSME technology platforms as well as 'Strategic Goal A: Promote Productivity, Technology and Innovation' of the ASEAN Strategic Action Plan for SME Development (SAPSMED) 2016–2025.

Geographic scope: ASEAN

2. Digital Economy, Innovation, and East Asia's Competitiveness in GVCs, Phase II: Improving E-commerce Enabling/Supporting Connectivity in Asia

Digital technology has been a defining transformational force of human society, and digital innovations are engines of great prosperity. Supported by new tools and media, information becomes a new and highly valued production



factor. This is going to be a key feature of the future knowledge-based economy and society. Moreover, disruptive innovation, which distinguishes from traditional innovation patterns, provides new opportunities for developing countries to realise increased development.

Connectivity is vital for countries' participation in global value chains. It consists of not only physical connectivity that facilitates the movement of raw materials, intermediate goods, and finished goods, but also virtual connectivity that allows free flow of data, information, and services.

Both AEC Blueprint 2025 and ASCC Blueprint 2025 highlighted the importance of incorporating economic digitalisation into development in ASEAN. The development of digital economy has been an integral component of the United Nations' Sustainable Development Goals as well.

The project will emphasise (but is not limited to) the following four aspects of connectivity:

1. Connectivity for free information flow;
2. Logistics connectivity;
3. Connectivity for free cash flow; and
4. Seamless links between the virtual and physical networks.

Geographic scope: Japan, Republic of Korea, China, India, Singapore, Indonesia, Malaysia, Thailand, Philippines, Lao PDR, Cambodia, Myanmar, Viet Nam

3. ERIA–OECD ASEAN SME Policy Index 2018

Partners: OECD and ASEAN Secretariat

The ASEAN SME Policy Index 2018 is a joint effort between the Economic Research Institute for ASEAN and East Asia (ERIA), the Organisation for Economic Co-operation and Development (OECD), and the ASEAN Coordinating Committee on Micro, Small and Medium Enterprises (ACCMSME).

Divided into eight policy dimensions, the study builds on the previous edition of the ASEAN SME Policy Index 2014. The current project presents an updated methodology which makes this document a powerful tool for assessing the strengths and weaknesses in policy design, implementation, and monitoring and evaluation for SMEs, and allows for a benchmarking of the level to which the ASEAN Strategic Action Plan for SME Development (SAP SMED) 2016–2025 has been implemented. Its objective is to enhance the capacity of policymakers to identify policy areas for future reform, as well as implement reforms in accordance with international good practices.

The report provides a regional perspective on recent developments in SME-related policies in Southeast Asia as well as in individual ASEAN Member States (AMS). Based on this analysis the report provides a menu of concrete policy options for the region and for the individual countries.

Geographic scope: ASEAN

4. Indonesia Manufacturing Review

Partner: The Ministry of National Development Planning/National Development Planning Agency (Bappenas)

Intensive research and public consultations were carried out within a 6-month period from July to December 2018.

- The research covers various relevant topics, e.g. technology adoption, global value chains, new sources of growth, export.
- As part of the research 14 focus group discussions and two high-level policy dialogues were conducted.
- The Minister of National Planning/Bappenas, the Minister of Industry, the President of ERIA, and several international experts (e.g. Hal Hill, Premachandra Athukorala, and Chin Hee Hahn) participated in one of the high-level policy dialogues (5 December 2018).

The project produces a number of comprehensive update on issues affecting Indonesian manufacturing, such as energy supply for industry, mapping of technology adoption by industries, export determinants, and Indonesia's participation in international production networks, etc.

- Many of these updates are used as material for an academic paper on the medium-term development plan.
- The project is able to contribute directly to the almost-final draft of the medium-term development plan.

- Ministry of Planning/Bappenas adapted the framework for revitalisation of Indonesian manufacturing. The earlier version of this framework was proposed by ERIA.

Geographic scope: Indonesia

5. Innovation in ASEAN

Innovation is a primary source of sustainable economic development and inclusive growth. Nonetheless, innovation data shows that it may not be easy for AMS to quickly achieve a significant level of innovation capability. Observations of innovative activities indicate that AMS need to greatly enhance their innovation capability and there remains much room to do so. In addition, since AMS are at very different stages of innovation, it is important to move up the 'technology ladder', step by step, with the help of effective strategies and systemic innovation policies.

In particular, AMS such as Indonesia, Malaysia, the Philippines, Thailand, and Viet Nam, which are concerned about falling into the 'middle-income trap', need to develop multifaceted dimensions of their national innovation systems, including research and development (R&D) incentives, human resources development, and industrial and trade policies. Policymakers need to strike an appropriate balance between market-oriented and government intervention approaches, depending on their country's situation. Finally, ASEAN also needs to consider what kinds of region-wide innovation systems to implement and how to synergise them with each member state's national innovation system.



The key message for AMEs is not only to increase investment in R&D and innovative activities, but also to enhance innovation capability and improve the environment in which innovation occurs.

Geographic scope: China, Indonesia, Malaysia, the Philippines, Singapore, Thailand, and Viet Nam

6. Joint Feasibility Study on an ASEAN–Canada Free Trade Agreement

Partners: Global Affairs of the Government of Canada, Indonesian Ministry of Trade, ASEAN Secretariat

ASEAN and Canada have a long history of cooperation. The bilateral relationship has grown steadily since 1977, when Canada became an ASEAN Dialogue Partner. As a group, ASEAN is the sixth largest economy in the world and one of the largest drivers of growth in the Asia–Pacific region. Canada is the 10th largest economy in the world, a strong and stable economic partner, and a leader in global trade, services, investment, and research and development. Both ASEAN and Canada have identified economic cooperation and trade and investment as necessary elements in further growing and developing their respective economies, as well as the ASEAN–Canada bilateral relationship.

In August 2016, at the ASEAN Economic Ministers (AEM)-Canada Consultations (Vientiane, Lao PDR), ASEAN and Canada's economic ministers agreed to co-create a feasibility study to explore the potential for an ASEAN-Canada Free Trade Agreement (FTA).

The in-depth study was conducted jointly by the Government of Canada's Office of the Chief

Economist and ERIA (on behalf of ASEAN), and provides the following:

1. An overview of the ASEAN and Canadian economies, including key bilateral trends in terms of trade in goods, trade in services, and two-way investment;
2. An outline of Canada's and ASEAN's respective approaches to free trade agreement negotiations; and,
3. An evaluation of the potential economic gains for both Parties of an ASEAN–Canada free trade agreement.

Geographic scope: ASEAN and Canada

7. State of ASEAN 2017

Partner: NEOMA Business School

With ASEAN's 50 years of regional cooperation and around 40 years of pursuing regional economic cooperation and integration, it is time to assess the state of ASEAN's socio-economic cooperation in the development of regional business, not only from Asia's perspective, but also from broader comparative viewpoints.

ASEAN's regional integration and that of Europe and America are very different processes. Since its establishment in 1967, ASEAN has grown into a vibrant and increasingly integrated economic region, an increasingly strong socio-cultural community, and a significant force in international diplomacy. The story of ASEAN is one of facilitating regional governance, regional economic integration and cooperation, and regional community building.

It needs to be remembered that economic integration is not a goal in itself. After half a decade of development, ASEAN now faces the challenge of deeper embedding into regional and global governance. In the long term, the challenge in terms of monitoring ASEAN's process and progress of integration is to assess its impact in terms

of achieving the ultimate goals of the ASEAN Community. To the extent that economic integration contributes to the achievement of such goals, then seeking to deepen the process is warranted and should be further pursued.

Geographic scope: ASEAN, RCEP countries



Sustainable Economic Development



1. An Efficiency-based Regional Approach to Realise Sustainable Development Goals (SDGs)

Partner: Australian National University

The Sustainable Development Goals (SDGs) are a global commitment to inclusive and sustainable development. As one of the most successful regional organisations, ASEAN and its member countries have played an important role in the UN2030 agenda for Sustainable Development, which has been greatly influenced by ASEAN's community building process. Thailand as the focal point for sustainable

development within ASEAN has identified five priority areas – (i) Poverty Reduction, (ii) Infrastructure and Connectivity, (iii) Natural Resource Management, (iv) Sustainable Consumption and Production, and (v) Resilience Capacity.

The key questions are: Does the 2030 Agenda deal with the results of the ASEAN community vision, i.e. does it represent real change on the ground? Can these changes be linked to economic cooperation? Is there synergy in objectives? Will ASEAN community progress yield the results information we need for five complementarity areas? This study will look into regional dimension of achieving the 2030

agenda as an efficiency-based approach to realising the SDGs.

Three main propositions are elaborated in the study. First, translating the SDGs into regional economic integration strategies can enhance the link between global objectives and the multifaceted reality of an ASEAN community, enhancing policy coherence and providing a strategic option to strengthen ASEAN's bargaining power. Second, a regional approach on complementarities to SDGs can facilitate the definition of relevant targets/indicators and enhance the monitoring and evaluation framework. In doing so, it could also offer scope for integrating more closely ASEAN communities' social and environmental concerns into existing economic and political frameworks. Third, focusing just on the geo-economic sphere – the area where ASEAN's integration is relatively more advanced – will prove the hypothesis that effective regional integration through such initiatives as RCEP can support Asia's transformation agenda and foster more inclusive and sustainable growth.

Geographic scope: EAS Countries

2. Innovations and Experiences in Financing Disaster Risk Reduction and Climate Change

Partner: Asian Disaster Risk Centre

With so many international policy debates such as the Sendai Framework, climate change, and development financing converging on resilience, there is a unique opportunity to ensure that disaster risk reduction (DRR) becomes a truly fundamental component of inclusive and sustainable economic

growth. The international financing of DRR, which represents the global community's support for ASEAN governments in their efforts to protect development gains from disasters, is coming under increasing scrutiny. There are positive areas to build upon. ERIA has developed business continuity plans for reducing the vulnerability of global value chains against natural disasters and country-specific adaptation road maps for achieving food security. However, the relationship between funding needs to implement these plans and other regional cooperation efforts such as the ASEAN Agreement on Disaster Management and Emergency Response (AADMER), represented by the risks a country faces or the exposure of its assets, is crucial to move forward. The implementation decisions cannot be made without a full understanding of how much institutional and financial capacity a national government has to manage the risks associated with disasters either natural, economic, or climate induced.

This study examines the experiences of and innovations needed by the AMS in financing integrated Disaster Risk Reduction Strategies. It will investigate the priorities in financing of DRR from the perspective of adaptation road maps for food security and resilience of value chains, by asking questions about the equity and adequacy of past efforts. More questions also need to be asked about the role of the public and private sectors as well as international financing and the institutional architecture needed for AADMER.



3. Integrated Space-based/Geospatial System to strengthen the Resilience and Connectivity of ASEAN

Partner: The University of Tokyo

In recent decades, regional organisations have become increasingly active in connectivity disasters. This reflects a broader, growing trend of intensifying regional cooperation for building resilient communities. However, the potentials of space and geospatial technology and their role in sustainable development and strengthening resilience is not clear. They can improve the efficiency and resilience of industrial operations and effectively address issues in the regional economic integration of ASEAN. This report examines the possibilities and models of transborder mechanisms to deliver geospatial and space-based information from data providers to end users in disaster-affected areas, and financial schemes involving the private sector or public-private partnerships to enable the collaborative integration of the technologies in practical ways. It provides vital information about what combinations of technologies have been applied and how they have contributed to the resilience of urban development, infrastructure planning and management, transportation management, and agricultural operations.

Geographic scope: ASEAN

4. Measuring the Readiness of Industry 4.0 for Circular Economy

The concepts of industry 4.0 and circular economy have recently gained traction in East Asia Summit (EAS) policymaking as a positive, solution-based perspective for achieving resource-efficient industrial development using the next generation of technologies. Current academic, industrial, and policy debates set out a large number of initiatives to be included under the action plan of maximising the use of resources available within the economy. They also indicate that the transition to Industry 4.0 and circular economy requires fundamental changes in many different areas of the economic system. Although it is a difficult and complex process, several crucial areas of change can be identified in technology, engineering, economic, and social domains. This study addresses the interface between Industry 4.0 and circular economy, whether the integration of both would unleash new gains in productivity and efficiency, and how far the experiences gained in other parts of the world could be transferred to the ASEAN region, providing respective recommendations and conclusions. The main objective is to prepare a self-assessment framework consisting of fairly robust indicators for measuring the readiness of EAS economies for industry 4.0 and circular economy.

Geographic scope: ASEAN

5. Reducing the Vulnerability of Disasters and Achieving Food Security

Partner: Asian Institute of Technology

Why is ASEAN not investing more in disaster resilience, especially given the prevalence and rising costs of disaster events? This may be due to the fact that decision-makers in governments, businesses, and households tend to focus on avoiding losses from disasters, and perceive the return on investment as uncertain – only realised if a somewhat unlikely disaster event actually happens. Effective policy actions require sector-specific damage and loss data for agriculture and trade ministries. AMS' national strategies on disaster risk reduction and climate change adaptation which support resilience must address the types of disasters with the greatest impact on the agricultural sector. Governments must design measures specific to the crop, livestock, and fisheries subsectors, and be enabled to adopt more systematic strategies that counteract the impacts of disasters on agricultural sectoral growth and development, and on national and regional food security.

Nevertheless, there should be business rationales for climate change adaptation and disaster risk management based on the multiple dividends of resilience. Actions should look beyond avoiding losses (the first dividend) to wider benefits to be gained independently of whether or not the disaster occurs. These include unleashing entrepreneurial activities and productive investments by lowering the looming threat of losses from climate change and enabling farmers and supply chain actors to take positive risks (the second dividend); and co-benefits of resilience measures (the third dividend), such as flood embankments that double as roads, or drought tolerant crop varieties that maximise crop yields. The no-regret adaption strategies should also reflect recent efforts to build a stronger business case for resilience in the private sector including the insurance sector. The main objectives of this study are (i) to understand key food security challenges posed by disasters and climate change and the required actions taken by policymakers to address these risks; (ii) to share experiences on adjustment of key planning instruments relating to agriculture sectors; (iii) to exchange experiences on successful adaptation measures across key vulnerable areas; and (iv) to undertake cost-benefit analysis and identify necessary structural and non-structural measures that could contribute to a resilient ASEAN.

Geographic scope: Cambodia, Lao PDR, Myanmar, Viet Nam



Energy



1. Assessment on Necessary Innovations for Sustainable Use of Conventional and New-Type Geothermal Resources and their Benefits

Partners: National Institute of Advanced Industrial Science and Technology, Japan

Against a backdrop of rising demand for sustainable energy solutions, there is a growing convergence in the role new types of geothermal technologies such a Ground Source Heat Pump (GSHP) can play in addressing energy security, generating local employment, and mitigating climate change. This

report critically examines technical, social, policy, legal, and fiscal barriers to geo-thermal power production, direct use, and GSHP, and the estimated benefits in China, Indonesia, Japan, the Republic of Korea, Malaysia, the Philippines, Thailand, and Viet Nam. The estimated benefits are multiple and vary across the countries. For example, with a target capacity factor of 70%, Indonesia is in a position save 232 billion barrels of oil, avoid 129 million tons of carbon emissions, and generate about 15,000 local jobs. There are potential net benefits on a similar scale in the Philippines, Japan, China, and the Republic of Korea. Amongst the five types of barriers, it was found that technical and policy barriers

dominate the Indonesian geothermal sector, while fiscal barriers are prevalent in the Philippines. Social barriers remain a challenge in Japan regarding direct use and GSHP.

Three main areas are recommended for immediate policy action. One, clarify precisely the role of each state entity in providing critical incentives and concessions at three different stages of geothermal power development. Second, the tariff setting and tax holidays for geothermal, direct use, and GSHP should be seen not as a one-time event, but as a process – based on a published methodology and stakeholder consultation. Third, the inability to develop new resources is often due to lack of information on the reserve capacity. More spending on research and development is recommended. Geographic scope: China, Indonesia, Japan, Republic of Korea, Malaysia, Philippines, Thailand, and Viet Nam

2. Cambodia Energy Basic Plan

Total Primary Energy Supply (TPES) increased at the same rate as Gross Domestic Product (GDP) in Cambodia but TPES without biomass increased 2.0 times and it was much higher than GDP (1.5 times) in the same period. Curbing coal, oil, and electricity demand to GDP level is crucial. Cambodia has been increasing import of coal and petroleum from other ASEAN countries such as Indonesia and Singapore and this has affected Cambodian economic growth. Consequently, the Ministry of Mines and Energy (MME) needs an appropriate and comprehensive basic energy plan now and the Economic Research Institute for ASEAN and East Asia (ERIA) supports

MME to set up the basic energy plan. Put simply, the basic energy plan should contribute two points: saving conventional energy consumption such as oil and electricity; and utilising domestic energy such as hydro-power and biomass.

ERIA and MME a basic energy plan for Cambodia in 2018 (BEPC2018) which is appropriate, comprehensive, feasible and effective. In addition, the basic plan should have numerical target per each energy issue covered by this plan and the target should be achievable.

The Basic principal of this plan seeks for energy supply to Cambodia with following conditions;

- a. Affordability
- b. Accessibility
- c. Security (Sustainable Security)
- d. Safety
- e. Transparency on market

Recognising current energy issues in Cambodia, the basic plan covers following 6 energy fields; a. Oil, b. Electricity Supply, c. Renewable Energy, d. Energy Efficiency, e. Energy Security and f. Energy Outlook.

Geographic scope: Cambodia

3. Comparative Analysis of Power Prices in the Philippines and Selected ASEAN Countries

Partner: IEEJ

This study compares the electricity supply costs in the Philippines with that in three ASEAN member countries – Indonesia, Malaysia, and Thailand. The study presents seven recommendations pertaining to



the Philippines' electricity supply chain, ranging from fuel supply to electricity distribution.

Recommendations to 'shift back to market-based load dispatch', 'adopt thermal efficiency standards for power generation', and 'create good business environment to reduce WACC' are identified with larger effects on cost reduction than the other recommendations. Thus, it is suggested that promotions should focus on the most impactful policy recommendations.

Geographic scope: ASEAN

4. Electricity Futures in the Greater Mekong Subregion: Towards Sustainability, Inclusive Development, and Conflict Resolution

Partner: The University of Tokyo

International energy markets are seeing a wave of innovations and the rise of new ideas and values, and the emerging economies of the Mekong sub-region should not be left behind. This report focuses on the electricity future of Myanmar and the Greater Mekong Subregion, emphasising rural electrification through renewable power generation by means of mini-grids as well as central-grid capacity expansion through sustainable power options. It analyses the current energy situation, including constraints in the region during this transitional stage, and proposes tangible policy recommendations that work towards energy security, environmental protection, and climate change mitigation. It recommends Myanmar takes advantage of the falling cost of solar electricity by making it a strategic priority in its power development plan; devises appropriate financial

support schemes and power purchase agreements to be provided to mini-grid developers as well as operators; actively participates in the regional power grid to expand its access to electricity and meet rising urban power demand; and minimises environmental and societal risks.

Geographic scope: Myanmar, Thailand, Viet Nam, Lao PDR, Cambodia

5. Electrification of Road Transport in ASEAN and Energy Security: Quantitative Analysis and Policy Implications

Electrification of road transportation (or electric mobility) has progressed beyond the demonstration stage. Many ASEAN countries express an increasing interest in it. This study starts with a survey of all ASEAN countries, regarding their existing vehicle fleets, fuel consumption and share, fuel mix in the power generation sector, and so on. The study estimates the potential of electrifying a certain country's various fleets, including passenger vehicles, buses, and trucks – the main contributor to fossil fuel consumption in road transport, in 2040 scenarios. It is subsequently assessed how electric mobility enhances energy security of ASEAN countries using the '4As' perspective that comprises the availability of energy, the applicability of energy, the acceptability of energy, and the affordability of energy. The findings reveal intensive interaction of electrification of road transport with the introduction of higher fuel economy standards and higher renewable integration in the power sector, in an ASEAN context.

Geographic scope: All ASEAN Countries

6. Energy Outlook and Energy Saving Potential in East Asia 2019

Sustained population and economic growth will significantly increase Total Final Energy Consumption (TFEC) by 1.6 times from 2015 to 2040. Total Primary Energy Supply (TPES) in the EAS17 region is projected to grow at a slightly slower pace, of 1.5% per year. TPES of EAS17 is projected to increase from 7,488 Mtoe in 2015 to 10,943 Mtoe in 2040. Coal will remain the largest share of TPES, but its growth is expected to be slower, increasing at 1.3% per year. Consequently, the share of coal in TPES is forecast to decline from 41.4% in 2015 to 38.9% in 2040. Increasing the use of Clean Coal Technology (CCT) and development of Carbon Capture Storage (CCS) technology will be critical for the coal power plants in this region to mitigate CO₂ emissions and become carbon free.

Fossil fuel energy consisting of coal, oil, and gas will still be dominant in 2040 and its share under the business-as-usual (BAU) scenario will be 84.1%. If EAS17 countries remain dedicated to implementing their energy efficiency and conservation (EEC) policies and increase low-carbon energy technologies such as nuclear power generation and solar photovoltaic (PV)/wind (alternative policy scenario, APS), the EAS17 region could achieve fossil fuel savings of 23.4% and the fossil fuel share could fall to 76.6%. CO₂ emissions would be reduced significantly by about 24.2% from BAU to APS as a consequence. In view of this, it is essential that EAS countries implement their EEC and renewable energy policies (energy saving targets and action plans) as scheduled. The targets and action plans that will be applied across sectors – industry, transport, residential, and commercial – should be appropriate

and feasible. It is encouraged for all Government in EAS17 countries to support EEC service companies (ESCO) activities as it is crucial to achieve energy efficiency and saving in all sectors.

Renewable energy such as hydro, geothermal, solar PV, wind, and biomass will also contribute to the expected reduction of fossil fuel consumption, which will result in a mitigation of CO₂ emissions. To increase the share of renewable energy in the primary energy mix, appropriate government policies will be crucial. Policies such as Net Metering, Renewable Portfolio Standards (RPS), and Feed-in-Tariff (FIT) have been implemented in some of the EAS17 member countries and have accelerated the deployment of renewable energy at appropriate levels.

Energy supply security has become a top priority energy issue for the EAS17 region. Implementing EEC measures and increasing renewable energy shares will certainly contribute to maintaining regional energy security through the reduction of imported fossil fuel consumption and increasing the use of domestic energy. In addition, regional energy networks such as the Trans-ASEAN Gas Pipeline (TAGP) and the ASEAN Power Grid (APG), and oil stockpiling are recommended to maintain energy supply security. Nuclear power generation is another option for securing the energy supply in this region.

This year the Energy Outlook includes an estimation of the investment cost required for power generation and the whole energy infrastructure including the LNG receiving terminals, and oil refineries. The analysis results indicate that the EAS17 region will need around US\$3.5 trillion for the BAU case, and US\$4 trillion in the APS for the power generation



investment to meet electricity demand by 2040. The required investment cost of refinery and LNG receiving terminals in EAS17 will be US\$367 billion and US\$132 billion, respectively, in the BAU case due to an increase in oil demand especially in the road transport sector and an increase in natural gas demand in the power generation sector.

Geographic scope: ASEAN and East Asia

7. Public Acceptance of Nuclear Power, Phase I

Partner: Institute for Energy Economics, Japan

Across countries and continents, public acceptance of nuclear power is a crucial factor when governments wish to set up a nuclear energy programme. Therefore, it is important to understand the determinants of public acceptance of nuclear power. This report examines the effects of knowledge, trust, risk, and benefit related factors on public acceptance of nuclear power in Europe, the United States, and Japan. Through field visits and interactive workshops different levels of public acceptance and related communication strategies to effect changes are identified. The report also identifies the effective communication role sub-regional authorities and non-governmental organisations could play. The cost of generating electricity and energy security concerns appear to have the strongest positive effect on public acceptance of nuclear power.

Geographic scope: Japan

8. Integrating NER India with Regional Economies through Cross Border Energy Sector Development, Phase I

Partner: Confederation of Indian Industry

Energy is common thread that connects multiple areas of sustainable development for countries and sub-regions in Asia. In the drive to trigger and consolidate inclusive development, the North Eastern Region (NER) of India offer great potential as an electricity trading hub. This report analyses the multiple benefits of connecting the NER with neighbouring economies through cross border energy trade. Supply demand analysis under different connectivity scenarios shows that not only will NER-India be able to fully utilise the economic benefits of energy connectivity, but also that neighbouring countries like Bangladesh, Bhutan, and Myanmar would be able to keep carbon emissions in check by importing reliable and cost-effective renewable energy sources. In addition, those countries can reduce the energy security risks of serious supply gaps arising in the dry seasons. To harness the untapped energy potentials and make NER into a robust economic growth pole, this report recommends to initiate multi-layered interdisciplinary dialogues on tariffs and consultations on investment cooperation amongst various stakeholders and development partners, both within NER states and outside India.

Geographic scope: India, Myanmar, Bangladesh, Bhutan

9. Natural Gas Master Plan for Myanmar

Partner: IEEJ

Natural gas will play a very important role in Myanmar in the future. Although Myanmar has been a major producer of natural gas in Asia, the country has not fully utilised natural gas for its own uses. Thanks to the sustained economic growth that has followed the 2011 economic reform, the demand for energy and natural gas has grown significantly. Demand for natural gas in Myanmar has increased 1.4 times since 2011, the second largest demand growth after oil. The primary driver of this growth has been demand for natural gas to generate power, which accounted for 72% of total natural gas consumption in 2017. Natural gas (compressed natural gas) is also used by the transportation sector as fuel, but demand from the industrial sector is limited, and there is no residential demand as of 2017.

Natural gas demand is forecast to grow from 457 million cubic feet per day (mmcf/d) in 2017 to 1,142 mmcf/d in 2040. Although demand from the power sector will continue to lead demand growth in the country, demand from the industrial sector and (after 2030) the residential sector is also expected to grow significantly.

Industrial demand for natural gas will be mainly observed in the Yangon and Mandalay regions. Thilawah Special Economic Zone (SEZ), in particular, is a prospective user of natural gas for manufacturing. Once the supply infrastructure is developed, city gas will become a more cost-competitive energy source than liquefied petroleum gas such as butane. Natural gas will be increasingly

demand by power plants that supply electricity to manufacturing factories in the SEZ. Because the SEZ is located close to the existing pipeline network, the cost of developing the necessary infrastructure will be limited. The investment cost of developing industrial demand in the Yangon region is estimated at US\$3.5 million.

Natural gas demand from the industrial sector in the Mandalay region will be developed in several locations. To develop industrial demand in Mandalay Industrial Zone, near downtown Mandalay, a pipeline network more than 40 km long needs to be constructed. Due to the high cost of such infrastructure development, some form of public support will be required to realise the pipeline development. Another potential demand area is Myotha Industrial Park City. Located near the existing natural gas export pipeline to China, it has good access to a natural gas supply and, given the size of the area, has significant potential to develop demand in the future. The required total investment to develop industrial demand in the Mandalay region is estimated at US\$24.5 million.

The Government of Myanmar should continue to play a pivotal role in developing the natural gas market. Since a market mechanism cannot fully reflect the benefits offered by natural gas, as a clean and low-carbon source of energy, the supply security advantages that it offers, and the convenience of its use, the government should provide policy support to promote the use of natural gas.

Geographic scope: Myanmar



10. Renewable Energy Potential and Its Effective Usage in East Asia Summit Countries

Partners: National Institute of Advanced Industrial Science and Technology, Japan

East Asian countries are actively promoting the introduction of first-generation biofuels such as bioethanol and biodiesel, but are constrained by several feedstock and production factors. To reduce the import of crude oil and energy consumption in the transportation sector, overarching action such as production of next-generation biofuels from nonconventional resources, improvement of fuel efficiency of vehicles, and maintenance of road infrastructure needs to be taken. Against this background, the report estimates the potential of a diversified transportation energy mix, analyses the techno-economic feasibility of next-generation biofuels, and scrutinises the advances that need to be made in the use of bio-methanol as a mainstream energy carrier. Country-specific recommendations on the introduction of alternate biofuels, fuel efficiency standards, and regional trade are provided for Indonesia, Thailand, Malaysia, and the Philippines.

Geographic scope: Indonesia, Thailand, Malaysia, and the Philippines

11. Seeking Optimal Solutions on Delivering LNG to Mid- and Large Islands in Philippines

Partner: The Institute of Energy Economics, Japan (IEEJ)

The Philippines consist of a large number of islands and their electricity supply mostly depends on diesel generators. Diesel generators are useful as it is a well established technology and oil is easy to care for, although it has the disadvantages of relatively high generating cost and high emission.

Liquefied natural gas (LNG) has the advantage of lower fuel cost and lower emission as a fuel for power generation. New technologies such as floating storage and re-gasification have reduced the downsides of LNG and the Philippines should be able to enjoy the economic and environmental benefits of its use by adopting such technologies for power generation on its medium-sized to large islands.

The study analyses such opportunities on islands by identifying possible configurations of small- scale LNG supply chain for power generation, thereby contributing to a stable, sustainable supply of affordable electricity in the Philippines.

The study is consistent with all the strategic themes in the AEC Blueprint 2025 and the ASEAN Plan of Action on Energy Cooperation (APAEC) 2016–2025, Phase 1, and contributes to ‘Regional Energy Policy and Planning’, which is meant to enhance integration of energy policy and planning.

Geographic scope: Philippines

12. Study on the Formation of the ASEAN Power Grid Generation and Transmission System Planning Institution (AGTP)

Partner: Fuyuhiko Nishimura (TEPCO)

This project aims to provide technical and advisory services to the Heads of ASEAN Power Utilities and Authorities (HAPUA), specifically HAPUA's Working Group No. 2 (HWG2) on the criteria, structures, roles, and requirements for the formation of two institutions necessary to advance the ASEAN Power Grid (APG). The APG institutions requiring assistance in their formation are the APG Generation and Transmission System Planning (AGTP) and the APG Transmission System Operator (ATSO). HAPUA will report the key findings of this study to the ASEAN Ministers of Energy Meeting in 2017/2018 as an implementation measure of the ASEAN Plan of Action on Energy (APAEC) Phase 1 2016–2020, as well as to the ASEAN Secretariat as it monitors and facilitates the implementation of measures under the AEC Blueprint 2025.

Firstly, the project will deliver the technical guidelines for the AGTP study by taking into consideration the different process and institutional structures of the existing national grid planning agencies of each AMS. Subsequently, the project will deliver an implementation plan for the AGTP institution, professional advice, and recommendations by taking into consideration the different process and institutional structures of the existing national grid planning agencies of each AMS.

Geographic scope: ASEAN

13. Study on the Formation of the ASEAN Power Grid Transmission System Operator Institution (ATSO)

Partner: Hans-Arild Bredesen (Nord Pool Consulting AS)

ERIA is currently working with HAPUA on two research projects concerning the criteria, structures, roles, and requirements for the formation of ASEAN Power Grid (APG) Generation and Transmission System Planning (AGTP) Institution and the formation of ASEAN Power Grid System Operator (ATSO). These two projects are closely linked and will have a significant influence on each other, and the deliverables need to be harmonised to obtain the full potential from these two new institutions.

The ATSO will be a key institution to enable multilateral trading of electricity amongst ASEAN countries while maintaining the balance, stability, and reliability of the interconnected power grids across borders and harmonising operational standards across ASEAN.

This project aims to produce the criteria, structures, roles, and requirements for the formation of the ATSO. In the long run, this work will support the establishment of greater ASEAN connectivity.

The projects will be implemented by ERIA, which will be responsible for coordinating the stakeholders of this study, and also for identifying and contracting two international consultant teams to carry out the two projects together with workshops with relevant experts and officials from ASEAN Member States.

Geographic scope: ASEAN



14. Sustainable Development of Transport Sector: Malaysia's Case

Partner: The Institute of Energy Economics, Japan (IEEJ)

The transport sector accounts for a large part of oil consumption in many ASEAN countries. Although oil has high utility, it also has negative aspects such as a higher price and geopolitical supply concerns. Therefore, curbing oil consumption in the transport sector is an important element of energy security policy. It is the same for oil exporting countries because wasteful use of oil will harm oil export revenue in the long run. Transition to a lower-carbon transport system is necessary for all countries to meet their CO₂ emission reduction goals (Nationally Determined Contributions).

Transport demand is expected to increase in ASEAN, and if the member countries fail to implement appropriate policies and take the necessary actions, they could face serious problems such as health damage caused by pollution and economic loss caused by traffic congestion.

The study will identify the policy gaps in selected countries, evaluate the usefulness of different policy packages quantitatively, and formulate policy recommendations to mitigate CO₂ emission in the transport sector. Malaysia will be selected as a subject of study because of its strong determination to improve its transport sector.

The study is consistent with the strategic theme of 'Energy Efficiency and Conservation' in the AEC Blueprint 2025 and the ASEAN Plan of Action on Energy Cooperation (APAEC) 2016–2025, Phase 1,

and should contribute to efficiency improvements in the transport sector in particular. It is also consistent with the goal of creating the sustainable society foreseen in the ASCC Blueprint 2025, particularly the principles of 'C.2. Environmental Sustainable Cities', 'C.3. Sustainable Climate', and 'C.4. Sustainable Consumption and Production'.

Geographic scope: Malaysia

15. Theoretical and Empirical Studies on Energy Poverty in ASEAN

Partner: Energy Research Institute @ NTU

The existing literature suggests that there are many factors leading to energy poverty, with detrimental impacts on health, gender inequality, education, and economic development. No study has yet provided country-specific sustainable and affordable solutions, which may differ from country to country depending on the socio-economic conditions, resource availability, and weather conditions.

This paper's core objective is to make a significant contribution by providing an understanding of the country-specific driving factors of energy poverty in four ASEAN countries and by suggesting commissioned climate friendly budget solutions to alleviate the problem in these countries. Based on the main factors of energy poverty in each region as well as the on the degree of energy accessibility as well as affordability, we would suggest modified renewable energy solutions. A solution mix may be required according to various classified groups (1.2 – 2.2 in Table 1) and prevailing socio-economic conditions. It is also important to assess the gap

between the current governmental policies and the policies needed to address the problem of energy poverty effectively.

Hence, we aim to study two main research questions.

- Firstly, what is the measure of energy poverty in the four ASEAN countries – Philippines, Cambodia, Indonesia, and Lao PDR and what are the social, economic, climatic, and resource availability dynamics responsible for energy poverty in these countries?
- Secondly, what are the affordable and sustainable mechanisms or the solution mix suitable for each country which should be adopted to alleviate the energy poverty problem and what are the policy changes required in the current governmental policies?

Geographic scope: ASEAN and India

16. Unlocking the Potentials of Private Sector for Accelerated Low-Carbon Energy Transition

Partner: Asian Development Bank Institute

A comprehensive assessment of the state of low-carbon investments in Asia is made by analysing the rationales, mandates, and public-private financing activities. Based on the experiences of several regional initiatives wherein public financing is catalysing private investments in low-carbon infrastructure, this book proposes a framework that can be used as a tool to identify factors that influence private investment decisions and policy instruments that can increase private capital.

Placing the Asian economies onto a low-carbon development pathway requires an unprecedented shift in investment. This book addresses this situation by asking questions such as: What is the central role of private finance in achieving the Paris Agreement targets?; What key policy levers and risk mitigation can governments use in an effort to unlock the potentials of private capital?; How can regionally coordinated actions hold significant promise for increasing private investment?

Geographic scope: ASEAN, East Asia and India



Outreach and Dissemination



Dissemination Activities

ERIA disseminates the rich findings of its studies to their target audience through seminars and symposia, publications, media relations, social media, the ERIA website, and other communications events. Highlights of ERIA research projects are presented to concerned government officials and key stakeholders in the East Asia Summit region in seminars and symposia. ERIA also publishes these findings and recommendations in the form of books, research project reports, discussion papers, and policy

briefs, and they are made available online for wider dissemination. On many occasions, external publishers or academic journals publish books, articles, or papers of ERIA scholars. At the same time, ERIA closely liaises with international and local media, and while maximising use of social media and other communications events, to ensure its studies and other activities are known to stakeholders in the region.



Communications

Media Relations and Exposure

In FY 2018–2019, ERIA's Communications Team continued establishing new relationships and deepening existing relationships with media across the region. Our work and experts were featured 141 times in the media. The annual Editors' Round Table was held in Singapore in cooperation with Nanyang Technological University's S. Rajaratnam School of International Studies. There were 24 participants representing 24 media organisations. Ambassador Bilahari Kausikan, the Chairman of the Middle East Institute, National University of Singapore and former Permanent Secretary at the Ministry of Foreign Affairs for Singapore delivered the keynote speech, in which he discussed the strategic outlook for ASEAN amidst changes in the global and regional order.

ERIA researchers and research associates wrote a total of 25 different articles written by 13 researchers appearing 25 times in FY 2018–2019.

Information Centre

During this first year of operation, the Centre has accommodated many meetings and events hosted by ERIA researchers and staff as well as outside organisations. The meetings included the 5-day Energy Outlook and Energy Saving Potential Working Group Meeting 2019, the ongoing ERIA–AMCHAM Briefing series, and the Jakarta Economic and Trade Networking event.

The space also provides a relaxed atmosphere that is used by ERIA researchers, staff, and guests for quiet discussions, research, and browsing newspapers and magazines for current affairs.

In March 2019 we began hosting weekly longform journalism courses for journalists organised by the Pantau Foundation, a Jakarta-based organisation that aims to elevate the standards of journalism in Indonesia.

Social Media

Social media became one of the key channels that we use to disseminate information about ERIA's publications and programmes. We have active accounts in Facebook, Twitter, YouTube, LinkedIn, and Medium. We gained more followers through increased engagement with our counterparts and social media thought leaders. As of the end of the fiscal year 2018, there are 3,676 people who like our Facebook page, 878 people who follow us on Twitter, 774 people who follow us on LinkedIn, and 38,241 YouTube views.

	March 2017	March 2018	% Increase
Facebook Likes	3,443	3,676	6.77%
Twitter Followers	568	878	54.85%
Youtube Views	15,962	38,241	139.58%
LinkedIn Followers	466	774	62.26%

Website

In FY 2018–2019, we completed the development and migration process to our new website, which offers a more engaging interface, organised architecture, and a responsive design to improve users' browsing experience through computers, tablets, and mobile phones. There were more than 80,000 website sessions and around 237,000 page views this fiscal year, compared to around 76,000 website sessions and 225,000 page views last year. We see an increase of website sessions from tablet and phone users this year, underlining the importance of making our content accessible for mobile users.

Newsletters

We continue to publish the monthly newsletter 'Frames', which highlights our key events and publications in a given month, and the quarterly 'East Asia Updates' covers economic issues across the whole region. We disseminate both newsletters to a growing list of contacts, which currently consists of 3,663 people.

Think Tanks

Over the past several years, we have been striving to increase our profile and to connect with other leading academic institutions and policy research centres around the world. In 2018, we partnered with the Think Tank and Civil Societies Program (TTCSP), University of Pennsylvania to co-host the 6th Asia Think Tank Summit (ATTS) from 21–23 November in Bali, Indonesia. There were 92 leading academics from 67 organisations across the Asia-Pacific, Europe, and Africa in attendance.

Continuing our collaboration with TTCSP, we held 'Why Facts and Think Tank Matters Roundtable 2019' in Jakarta on 28 January 2019. The discussion was conducted under the theme 'Bridging the Gap Between Research and Policy: The Role of Think Tanks in Southeast Asia' and moderated by ERIA's Senior Economist Dr Dionisius Narjoko.

The Roundtable was held in conjunction with the release of the 2018 Global To Think Tank Report. In 2018, ERIA ranked number 14 globally in the category of International Economics Policy Think Tanks, putting it in the top 15 along with organisations like Brookings Institution, Korea

Outreach and Dissemination

Development Institute, and Chatham House. It is a significant improvement from the 24th position in 2017 and the 32nd position in 2016.



Collaboration with ASEAN Secretariat

In addition to our collaboration with the ASEAN Secretariat on research projects such as ASEAN Seamless Trade Facilitation Indicators (ASTFI), we also work together with the Secretariat on our outreach activities such as a tribute forum to commemorate the legacy of the late Dr Surin Pitsuwan, former Secretary-General of ASEAN and Advisor to the Chairman of ERIA. The event was held in the ASEAN Hall, where Dr Surin's family members, close friends, and high-ranking speakers from across Southeast Asia highlighted his pivotal role in raising the profile and prominence of the regional organisation on the international stage. The event was broadcasted live through the Secretariat's Facebook page as well as ERIA's Youtube channel and managed to obtain more than 7,000 people.

We also created an ERIA Corner in the ASEAN Secretariat's library, in which we showcase our latest publications to increase people's awareness of the outcome of our research projects.

Videos

Last year, our videos became very powerful tools to disseminate the findings of the ASEAN@50 project. This year we created a video to commemorate our 10th anniversary in 2018 in which we shared our most significant milestones. The video was shown at many high level events, including the ASEAN Business and Investment Summit in Singapore, ERIA's 10th Anniversary Symposium in Tokyo, as well as the High Level Seminar to launch the report of Project 2045 in Jakarta.

We also created a video for the Dr Surin Pitsuwan Tribute Forum, highlighting his life in service as shared by former Prime Minister of Thailand H.E. Abhisit Vejjajiva, former Minister of Foreign Affairs of Indonesia H.E. Hassan Wirajuda, former Secretary-General of ASEAN Ambassador Ong Keng Yong, Chairman of the Singapore Institute of International Affairs (SIIA) Prof Simon Tay, and Co-founder of the Centre for Strategic and International Studies (CSIS) Indonesia Dr Jusuf Wanandi.

Publications

ERIA's publication highlight of FY2018 was the completion and release of a four-volume publication on 'ASEAN Vision 2040' in support of Thailand's chairmanship of ASEAN. This comprehensive study assesses the challenges faced by ASEAN and sets out a vision for the next 2 decades and the strategies to achieve it. The background papers encompass over 30 themes and assess the prospects of ASEAN and East Asia in 2040 in terms of political-security, economic, and socio-cultural aspects. Through this publication ERIA proposes a message of collective leadership of the East Asia region, which means strengthening ASEAN centrality for it to become the institutional hub for regional integration and economic and social development. It is hoped it will be a key document for ASEAN in considering the mid- and long-term vision for the region.

ERIA also published 11 other books and released 19 research reports, 20 discussion papers, and three policy briefs on energy-related issues in the region, agriculture, disaster management, and trade and investment.

The Institute continues to promote and expand its research by publishing with first-rate global publishers. FY2018 saw ERIA publishing *Financing for Low-carbon Energy Transition: Unlocking the Potential of Private Capital* with Springer, *ASEM Connectivity Inventory* with Clingendael Institute, *World Trade Evolution Growth, Productivity and Employment* with Routledge, *SME Policy Index: ASEAN 2018* with the OECD and the ASEAN Coordinating Committee on Micro, Small and Medium Enterprises (ACCMSME), *Report of Project*

2045 For 'Joint Partnership' towards Our Common Future: A Joint Project of Two Maritime Democracies and Project 2045 Executive Summary Indonesia–Japan 2045: A Joint Project of Two Maritime Democracies with the Government of Japan and the United Nations Development Programme (UNDP Indonesia), and *Emerging Global Trade Governance Mega Free Trade Agreements and Implications for ASEAN* with Routledge.

Annex J lists our publications released in FY2018.



Seminars and Symposia



ERIA marked its 10th anniversary and organised a wide range of seminars and symposia in FY2018 to (i) contribute to the Chair of ASEAN; (ii) advocate the findings of research ERIA was involved in, (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 regional integration. These

seminars and symposia were held in collaboration with various prominent institutions. (see ANNEX....)

The 6th Asia Think Tank Summit with the theme of 'Think Tanks: A Bridge Over Troubled Waters and Turbulent Times' was organised together with the Think Tank Civil Societies Program (TTCSP), University of Pennsylvania. The event was attended

by 80 representatives from more than 50 leading think tanks across Asia and Europe, and discussions focused on how think tanks should respond to the current shifts in the international political scene and the international economy.

Two roundtable discussions were organised in FY2018: the Seventh Editors' Roundtable with the theme of 'ASEAN and Indo-Pacific: Challenges Ahead' in collaboration with S. Rajaratnam School of International Studies, Nanyang Technological University; and the Roundtable Discussion on 'New Global Era of Digital Economies', a T20 Japan associated event in collaboration with Japan External Trade Organization (JETRO) and Research Institute of Economy, Trade, and Industry (RIETI).

'ERIA 10th Anniversary Symposium and Reception'

To commemorate the 10-year anniversary of ERIA, ERIA's 10th Anniversary Symposium and Reception' was held in Tokyo, Japan. The event was attended by about 200 participants, including ministers, former ministers, high-level government officials, diplomats, representatives of international organisations, universities, private corporations, and research institutions.

ERIA also organised the High-Level Seminar Project 2045 and ERIA's 10-year anniversary reception in Jakarta, Indonesia in collaboration with the United Nations Development Programme (UNDP). The seminar is a result of the Indonesia-Japan joint research project intended to identify common challenges and visions for Indonesia and Japan towards 2045. The Vice President of the Republic

of Indonesia, H.E. H.M. Jusuf Kalla, delivered his congratulatory remarks at the event. Several ministers from Indonesia and Japan, high-level government officials, academics, researchers, and representatives from the media and private sector also attended.

'The 4th Asia Cosmopolitan Awards'

ERIA and the Government of Nara Prefecture, Japan organised the Fourth Asia Cosmopolitan Awards. This biennial awards event recognises individuals who or organisations that have made substantial contributions to the development of a peaceful and stable East Asian Community, to narrowing development gaps in the region, or to achieving sustainable social growth towards cultural and economic integration within East Asia. The winners of the Fourth Asia Cosmopolitan Awards are as follows:

Grand Prize	H.E. Mr. Yasuo Fukuda, Former Prime Minister, Japan
Economic and Social Science Prize	Prof. Richard E. Baldwin, Professor of International Economics at the Graduate Institute of International and Development Studies in Geneva
Cultural Prize	teamLab (art collective), Ms. Mieko Noguchi (glass artist)
Memorable Prize	The late Surin Pitsuwan, Former Secretary-General of ASEAN

The award ceremony and the commemorative 'Nara Forum' were held in Nara Prefecture on 10 January 2019.



Capacity Building Programme



In 2018, the Capacity Building Programme (CBP), which was initiated as a stand-alone programme in 2014 through a generous grant from the Government of Australia, completed its first cycle of funding. ERIA is now pleased to be implementing a follow-up programme with a new grant from the Australian Government. This consistent funding has allowed ERIA's Capacity Building Programme to become an important outreach tool by which ERIA can interact closely with government officials from Cambodia, Lao PDR, Myanmar, and Viet Nam to share our research and expertise.



In 2018, the CBP was pleased to develop two special events. The first was the joint 'ERIA-AIPA Dialogue: Parliamentarians Supporting the 'Quiet Revolution' for Better Regulatory Governance.' Held in Jakarta, 19-20 April 2018, this was the first joint activity with the ASEAN Inter-Parliamentary Assembly (AIPA), with which ERIA signed a Memorandum of Understanding in December 2016.

The objective of the Dialogue was to increase awareness about good regulatory practices (GRP) and non-tariff measures (NTMs) and non-tariff barriers (NTBs) amongst parliamentarians from ASEAN Member States. The Dialogue gives parliamentarians an opportunity to discuss their roles in the implementation and supervision of GRP and NTMs in their respective countries. The workshop was opened by Prof. Hidetoshi Nishimura, the President of ERIA; H.E. Dato Lim Jock Hoi, the Secretary General of ASEAN; and Hon. Mr. Isra Sunthornvut, the Secretary General of AIPA.

The second special event the CBP organised was at the request of the Ministry of Industry and Commerce, Lao PDR. This was for a workshop on, 'Ways Forward to Develop Industrial Parks and Special Economic Zones in Lao PDR.' The workshop, held in Vientiane on 8 February 2019, was organised to increase government understanding of business sector needs to make industrial parks and special economic zones successful. Speakers at the event included representatives of the national and international private sector, with the latter also offering comparative experience from elsewhere in the region.

The ERIA CBP was pleased to be invited to contribute to two events and facilitate one other. The first it was asked to contribute to, at the request of the Ministry of Economy and Finance, Cambodia, was their, 'National Workshop on Addressing NTMs and NTR for Greater Asian Economic Integration.' This was held in November 2018 for around 60 government officials from a range of line ministries. Then in March 2019, ERIA was asked to participate



in a workshop co-organised by the Asia-Pacific Economic Cooperation (APEC) and MOIT entitled, 'Capacity Building on Domestic Consultation in RFAs/FTA Negotiations.'

On behalf of the Ministry of Industry and Trade (MOIT), Viet Nam, ERIA was asked to facilitate a workshop on, 'Utilisation of Free trade Agreements: Impact on the Economy and Industries of Viet Nam'. This two-day workshop was held in December 2018 for around 25 participants.

In 2018, the CBP was pleased to contribute to ERIA's publication, 'Reducing Unnecessary Regulatory Burdens: Country Studies' through its collaboration

with the Research Department. This publication, which highlights case studies from around ASEAN, showcases the RURB methodology, with both the challenges and achievements of applying the RURB approach to reducing the regulatory burdens on business. The book provides a practical overview for policy makers on this experience.

The remaining 14 activities the CBP organised over the year, which reached out to around 170 government officials and 50 from the business sector, fell into one of two components. Highlights include:

Component 1: Participation in Research

Integrating government officials in research alongside national and international academics allows officials to gain a strong understanding of the complexity of issues, exchange data, promote a policy focus to the study, and network with peers from the region and beyond. In FY2018, officials continued their participation in two ERIA studies started in FY2016.

1) Global Production Value Chain, Cities and Urban Amenities: Implications for Services Trade Liberalisation in East Asia and ASEAN

This research looks at the relationship between the growth of cities, trade, and global production value chains – key to understanding how cities can become the focal point for trade, investment, and the services liberalisation required to support it. At the third workshop of this study, held in October 2017, academics presented their research findings, which government officials were asked to comment on, as well as discuss policy issues and implications for their own countries.

2) Stakeholder Engagement Workshop on roadmaps for disaster Resilience and Climate change Adaptation

Concerted efforts are needed to address the issue of climate change-induced disasters and their impact on socio-economic development, health, and the environment. At this follow-up workshop, held in August 2018, participants shared drafts of their national roadmaps for disaster resilience.

Component 2: Increased Research Capacity

1) Policy Modelling Workshop Series

The year ended with final events for the workshop series, 'Sustainable Development and Policy Modelling' in which around 40 young officials from Cambodia and Lao PDR refined their skills to undertake policy modelling, employing methodologies such as gravity modelling, quasi incentive, and difference of difference modelling. The officials were divided into groups, with each group tasked to conduct research on topics set by the Ministry of Economy and Finance, Cambodia and the Ministry of Planning and Investment, Lao PDR. At final events in each country in May 2018, prizes were awarded to the best studies.

In November 2018, a new series of policy modelling, under the theme, 'Inclusive and Sustainable Development in an Open Economy' began for officials in Cambodia.



Policy Design Department





In 2018, the Policy Design Department (PDD) had a fruitful year in terms of policy research and support for medium- and longer-term development and economic integration of ASEAN and the East Asia region, and for greater connectivity of Asia, Europe, and beyond. The PDD conducted several activities, both on traditional areas of trade and economic cooperation and on issues that are fast becoming new frontiers of growth and economic integration. PDD has been also spearheading policy research on intra-regional and inter-regional connectivity and supporting a policy consensus on treating connectivity as a driver of sustainable and strategic engagement between ASEAN and East Asia, Europe, the United States, and Canada.

A. Regional Comprehensive Economic Partnership

Supporting the task of RCEP negotiations for the early conclusion of the RCEP was given high priority in 2018. PDD supported the RCEP negotiations through committed policy and research inputs for the Chair of the RCEP Trade Negotiating Committee (TNC Chair), especially in the areas of trade in goods (tariff modality) and rules of origin (ROO), to address some of the key issues in the negotiations.

In 2018–2019 (until the time of reporting), PDD supported eight rounds of RCEP negotiations. The RCEP will be intensifying the negotiations and convening intersessional meetings in 2019 to comply with the mandate from the Ministerial meeting in Singapore in 2018, and the PDD will continue to

provide policy and research support for the RCEP negotiations.

ERIA made a presentation on 'Regional Comprehensive Economic Partnership (RCEP), Changing International Order and the Future of East Asian cooperation, East Asian Summit and East Asian Cooperation' in an International Forum in Beijing.

B. ASEAN Vision 2040: Support to ASEAN Chair Thailand

The PDD collaborated with the Research Department and external academic and policy resource persons to write a base document on ASEAN Vision 2040 for Thailand's chairmanship of ASEAN. The economic, geopolitical, and technological landscape has changed tremendously since the adoption of ASEAN community Vision 2025. To support ASEAN in developing the ASEAN Vision 2040, the study assesses the challenges ASEAN faces and sets out a vision for the next 2 decades and the strategies to achieve it. The study addresses the importance and necessity of the ASEAN community preparing itself for the fast changing economics and geopolitics in the wider region as well as the fast-developing digital revolution and new industrial revolution. It recommends strategies for adjusting to and benefiting from economic and technological transformations that are under way or emerging worldwide. The preliminary version of the study document was shared with AMS at the ASEAN Foreign Ministers Meeting in January 2019.

C. Non-Tariff Measures and Regulatory Management Studies

The PDD collaborated with the Research Department to update the ASEAN NTM database in consultation with the NTM Focal Points of the governments. The updated version of the ASEAN non-tariff measures (NTMs) will be uploaded in March 2019. The results of the NTM database were presented to the ATF JCC in January 2019 and the full report will be presented in April 2019.

As part of the request from the ATFJCC, PDD will also be collaborating with the Research Department in devising a methodology and approach to manage existing NTMs in ASEAN. This methodology will complement the Guidelines for the Implementation of ASEAN Commitment on Non-Tariff Measures on Goods endorsed by ASEAN Ministers.

On NTMs, the PDD also engaged with ASEAN Business Advisory Council (ABAC) and is currently working on a template for just a few tariff lines and NTMs by AMS to support ABAC to understand what kind of further analysis needs to be undertaken to make the best use of the ERIA NTM database.

The PDD has undertaken a baseline Study on Regulatory Management System (RMS) to provide a mapping exercise of the development of RMS in AMS and its initiatives in streamlining regulations and administrative processes and practices, and identify the challenges facing the AMS in the implementation of the Good Regulatory Practices (GRP) Core Principles. The study's related survey will be administered through the ASEAN process (i.e. through HLTF-EI focal points and the ASEAN Secretariat). The study is a work in progress and will

provide suggestions for the way forward towards the institutionalisation of GRP in the country.

D. ASEAN Summit Meetings

PDD presented a paper to the East Asia Summit Economic Ministers Meeting (EAS EMM) on the current economic and strategic challenges facing the region, entitled '**Regional Economic Integration: Managing the Challenges of Emerging Trade and Investment Issues**'. The presentation emphasised that ASEAN and East Asia could continue to grow provided the trade momentum holds and domestic reforms continue. This entails keeping markets open, especially in the area of services where there are great opportunities for collaboration, innovation, and value-adding across a wide swathe of ASEAN and East Asian industries and economies. In addition, economic performance in the region would be boosted by greater regulatory and policy transparency, predictability, and coherence, as well as cooperative and collaborative management of the challenges and opportunities of the new and emerging technologies.

The Ministers were updated on ERIA's research and policy support activities. ERIA also celebrated its 10th anniversary with the Economic Ministers and their representatives.

E. Connectivity

PDD has been working on physical and institutional aspects of connectivity in ASEAN and East Asia, as well as between Asia and Africa, and Asia and Europe. 2018 was the Asia–Europe Summit meeting year with EU as the chair. To support the ASEM Summit and the European External Action Service (EEAS) of the

European Commission, ERIA prepared the 'Brussels Report on Strengthening Asia–Europe Connectivity: Drawing Synergy from Global Development and Governance Programmes.' ERIA also supported the ASEM Pathfinders Group on Connectivity (APGC) in developing an Inventory of ASEM Connectivity activities. The inventory was presented to the Senior Officials' Meeting to draw up the plans for tangible areas of cooperation in connectivity (TACC) in ASEM. ERIA also supported the Joint Research Center (JRC) of the European Commission in developing the ASEM Sustainable Connectivity Monitor 2018, which was launched at the ASEM Summit.

ERIA continued working on connecting the connectivities in the Indo–Pacific region jointly with stakeholders such as Indonesia, India, Organisation for Economic Co-operation and Development (OECD), European Union (EU), and ASEAN, setting out the connectivity mapping in the Indo–Pacific. In particular, ERIA has supported the task of the Ministry of Foreign Affairs of Indonesia in developing the Report on 'Indo–Pacific Cooperation: Towards a Peaceful, Prosperous, and Inclusive Region', which was presented to the Ministerial meeting in Jakarta on 20 March 2019.

F. Blue Economy

The Blue Economy concept is viewed as an alternative economic model for sustainable development that puts the oceans at the centre of this approach. This is in line with Goal 14 of the 2030 Agenda for Sustainable Development which focuses on the conservation and sustainable use of oceans, seas, and marine resources. In Southeast Asia, the maritime sector is very important for logistics and transportation, economic resources, environmental



sustainability, and sovereignty. Connectivity between AMS with India is essential in many ways, given their potential in the blue economy, their economic size, geographical location, sea–land connectedness, and trade relations.

ERIA presented the findings of the Second ASEAN–India Blue Economy Workshop to H.E. Mrs Sushma Swaraj, Minister of External Affairs, India in New Delhi on 22 July 2018. The workshop was held the day before the Delhi Dialogue X in New Delhi. This workshop was of particular significance for the Delhi Dialogue’s theme of maritime cooperation, as the workshop presented specific recommendations on how to strengthen the links between India and ASEAN on maritime issues, such as security, commerce, and port development.



G. Industrialisation and SMEs

ERIA was invited by the Bappenas, Indonesia to conduct intensive research and public consultations to review the performance of the Indonesian manufacturing sector, and come up with future action plans for Indonesia. The project produced a number of comprehensive updates on issues affecting Indonesia’s manufacturing, such as energy supply for industry, mapping of technology adoption by industries, export determinants, Indonesia’s participation in international production networks, etc. These updates are being used as material for an academic paper on a medium-term development plan for Indonesia. Ministry of Planning/Bappenas has adapted the proposed framework for a revitalisation of Indonesian manufacturing. ERIA researchers were also invited by Bank of Indonesia and Fiscal Policy Agency to present the project’s model for ‘export modelling’. Two reports, a policy paper version (for Bappenas), as reference for the official medium-term development plan, and the ‘Indonesia Manufacturing Review’ will follow.

The Lao PDR at the Crossroads: Industrial Development Strategies 2016–2030 was produced by ERIA and the Ministry of Industry and Trade (MOIC) of Lao PDR. The study stressed that transformation of Lao PDR is crucial not only for its industrial development, but also for accelerating the economic growth of the whole Mekong region. In this context, Lao PDR and Viet Nam concluded a memorandum on the Hanoi–Vientiane Expressway (HVE). The Lao PDR government has approved the creation of a working group by ERIA and the Ministry of Public Works and Transport (MPWT) to study the HVE with a view to its early completion. This working group aims to: (i) explore the possibility of designating the route between Hanoi and

Vientiane as a 'corridor' in the Greater Mekong Subregion (GMS) to obtain finance from the Asian Development Bank (ADB), the World Bank, and other international public financial institutions; (ii) illustrate impacts on economies and industries of Lao PDR and surrounding countries such as China, Japan, Thailand, and Viet Nam, through the formation of a 'Hanoi–Vientiane–Bangkok Industrial Corridor'; and (iii) suggest appropriate sharing of construction costs of the expressway amongst stakeholders. The ERIA–MPWT working group complements the study by the Japan International Cooperation Agency (JICA) of the HVE by focusing on how the Lao PDR and neighbouring countries can benefit from the expressway by leveraging industrial networks. ERIA's study on the Hanoi–Vientiane Expressway will analyse the economic and industrial impacts from the perspective of global value chains and production networks developed in the Mekong region.

As a follow up to the implementation of *The Lao PDR at the Crossroads: Industrial Development Strategies 2016–2030*, ERIA, Ministry of Industry and Commerce (MOIC) of Lao PDR and National Institute of Economic Research (NERI) are part of the follow-up mechanism managed by both ERIA and MOIC in support of JICA, the Japan External Trade Organization (JETRO), AEM–METI Economic and Industrial Cooperation Committee (AMEICC), and other relevant agencies such as the ADB. For this, for working groups on (i) agriculture and food processing, (ii) labour-intensive industries (especially garment), (iii) SMEs, and (iv) industrial estates have been set up. ERIA is supporting the tasks of the working groups as they prepare reports on the progress of the national development plan and tasks delegated to the working groups.

ERIA supported the ASEAN connectivity programme by conducting a study on Micro, Small, and Medium Enterprise Participation in the Digital Economy. The results were submitted to the ASTF SME in December 2018.

ERIA and OECD jointly produced the ASEAN SME Policy Index ASPI 2018, which was published jointly by OECD and ERIA and launched on 1 September 2018 at the 50th AEM meeting in Singapore. The policy index was acknowledged by the 51st ASEAN Foreign Ministers' Meeting in Singapore on 2 August 2018. The survey of policies supporting SMEs in their export of services remains to be completed and is expected to be ready by July 2019.

H. ASEAN Seamless Trade Facilitation Indicators (ASTFI) and ASEAN Trade Transactions Cost

ERIA completed the ASFTI Baseline Study and submitted it to ASEAN Secretariat in early August 2018. The completion of ASEAN Seamless Trade Facilitation Indicators (ASTFI) Baseline Study was welcomed by the Ministers during the 50th ASEAN Economic Minister meeting in August 2018. Following the results of the ASTFI work, the PDD is preparing questionnaires on Time Release Study (TRS), time to permit approval, and dwell time as a basis to proceed to the ASEAN Trade Transactions Cost (TTC) baseline study. Seven AMS have completed their TRS and results from three AMS are awaited. The report is expected to be finished by June 2019 after which the TRS questionnaire used by AMS will be refined as part of the TTC baseline study.



I. Support of EAS Members and their Dialogue Partners

The PDD of ERIA has been supporting several policy and research initiatives of EAS member countries and the Dialogue Partners of EAS. In this regard, ERIA was requested by the ASEAN–Russia meeting to develop a policy paper on deepening of ASEAN–Russia economic relations. The PDD and Russia Foreign Trade Academy (RFTA) jointly developed the report for the ASEAN–Russia SEOM meeting. The report suggests several avenues of trade and economic cooperation between the two partners, and lays out the scope for deepening their economic relations. The report has been accepted by the economic officials meeting.

PDD completed the research to establish the feasibility of a Canada–ASEAN FTA and Eurasian Economic Union (EAEU)–Cambodia FTA. Following these two studies, other prospective partners such as the EU have shown an interest in similar policy research.

ERIA is working with MOFA of Vietnam on policy research on ‘Enhancing Productivity of Domestic Private Firms – Boosting Linkages and Digitalization’. This research aims to analyse the current status of the Vietnamese economy and recommend a conceptual framework for future development with a focus on the performance of domestic private firms and their connection with the foreign direct investment sector.

J. Collaboration with Multilateral Organisations

The PDD has worked with and contributed to the proceedings of the G20 in Buenos Aires in 2018. ERIA’s contribution to the policy brief on ‘World

of Work in the 4th Industrial Revolution: Inclusive and Structural Transformation for a Better Africa’ was mentioned in the T20’s recommendation to the Chair of the G20. For the 2019 G20, the PDD is preparing policy briefs for the chair of the G20 through two task forces of T20 on the sub-theme of Industrialization and ICT in Africa and *Industrialization and Employment Led Growth in Digital Economy*.

The PDD of ERIA was invited to the annual meeting of the Asian Infrastructure Investment Bank (AIIB), held in Mumbai in June 2018. ERIA moderated a high-level panel workshop on ‘**Advancing Together: ASEAN Infrastructure Development**’. The high-level panel consisted of Mr. Carlos Dominguez, Secretary, Department of Finance, Philippines; Mr. Heng Swee Keat, Minister of Finance, Singapore; Mr. Bambang Brodjonegoro, Minister of National Development Planning, Indonesia; Ms. Preeti Saran, Secretary (East), Ministry of External Affairs, India; and Mr. Kevan Watts, Vice Chairman, Global Banking, HSBC. The workshop discussed the strategic directions of ASEAN in the new global environment; (ii) strategic and vital infrastructure required to advance the fast growth of ASEAN; (iii) a possible approach and roadmap for advancing ASEAN infrastructure development; and (iv) expectations of AIIB concerning ASEAN’s infrastructure development.

PDD has also supported the OECD in its preparatory work for the G20 in Trade and Agriculture matters. PDD contributed to the OECD reports through findings from ASEAN and East Asia, and ERIA’s research and policy support activities.

PDD participated in the Asia–Pacific Forum organised jointly by the Japan Economic Foundation and

RIS, New Delhi. The theme of APF was 'Protecting the Global Trading System and the Role for Multilateralism'. ERIA presented its findings in Session 2: 'Imperatives for Regional Integration: Growing Role of Services Sector'. ERIA also contributed to the roundtable discussions for the preparation of the report of the APF 2018.

K. Support to Stakeholders

PDD participated in several workshops and symposiums across Asia and the Pacific, and in Europe to bring in the stakeholders, and bring 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 is expected that the advocacy and research dissemination activities will support policymaking on trade and economic cooperation amongst the stakeholders. PDD provided support and expertise to the ASEAN Integration Monitoring Directorate (AIMD) as and when required, with a view to assessing the proposals for the World Trade Organisation (WTO) Reform. PDD also provided support and expertise for Technical Workshops on ASEAN Trade in Services Agreement (Negative List Approach) in Indonesia, Cambodia, Thailand, Philippines, Lao PDR, Myanmar, and Viet Nam as part of the CCS–Japan Co-operation Programme.

L. Capacity Building

PDD contributed its knowledge resources on trade, tariffs, and trade negotiations to capacity building activities for middle-level trade ministry officials in Cambodia and Myanmar to enable them to participate more effectively in RCEP negotiations and equip them with a greater understanding of NTMs and RMS. PDD addressed 50 Asia–Pacific Economic Cooperation (APEC) Member Economies' trade negotiators in APEC Capacity Building on Domestic Consultation in RTAs/FTAs negotiations in Hanoi, Viet Nam.

Conclusion

The PDD had a full and rich year of activities in 2018. Some of the themes such as inter-regional connectivity, trade, economic cooperation amongst the EAS Dialogue Partners, and institutional aspects of trade such as NTMs and RMS have become specialised areas of work in PDD. A greater number of requests for collaborative work from governments, multilateral organisations, partners, and stakeholders are testimony to the PDDs growing visibility and influence in Asia and outside Asia. This growth is likely to continue in 2019. The PDD has worked closely with the Research Department and the Communication, Publication, and Outreach Department, including the Capacity Building unit, to realise its current strength. Similar cooperation and collaboration will continue in 2019.



Annexes







Annex A

Governing Board Members

The Governing Board is the supreme decision-making body of ERIA. It is composed of 17 members – 16 of whom come from member

countries with various backgrounds (such as in academia, policymaking, and business) – and the Secretary General of ASEAN.

Brunei Darussalam	Mr Asrul Adrain Ahmad	Director of Planning, Department of Economic Planning and Development, Prime Minister's Office, Brunei Darussalam
Cambodia	H.E. Mr Ros Seilava	Under Secretary of State, Ministry of Economy Finance, Cambodia; Member of Supreme National Economic Council (SNEC)
Indonesia	Prof Dr Mari Elka Pangestu	Member Board of Trustees of the Centre for Strategic and International Studies (CSIS) Indonesia; Former Minister of Trade of the Republic of Indonesia
Lao PDR	Dr Leeber Leebouapao	Vice President of the National Institute of Economic Research of Lao PDR
Malaysia	Dato' Lokman Hakim Ali	Secretary General of Ministry of International Trade and Industry of Malaysia
Myanmar	H.E. U Set Aung	Deputy Minister for Planning and Finance, Ministry of Planning and Finance of Myanmar
The Philippines	Atty. Adrian S Cristobal Jr.	Chairperson of ERIA Governing Board, Former Secretary of Department of Trade and Industry, Philippines
Singapore	Ambassador Barry Desker	Distinguished Fellow & Bakrie Professor of Southeast Asia Policy, S. Rajaratnam School of International Studies, Nanyang Technological University

Thailand	H.E. Prof Sakon Varanyuwatana	Chairperson of The Competition Commission at the Office of Trade Competition Commission
Viet Nam	Dr Nguyen Dinh Cung	President, Central Institute for Economic Management (CIEM)
Australia	Mr James Baxter	Australia' Senior Economic Officer for the East Asia Summit and Chief Negotiator for RCEP
China	Prof Zhang Yunling	Professor of International Economics; Academy Member, Director of International Studies of Chinese Academy of Social Sciences (CASS)
India	Dr Ajit Ranade	Chief Economist of Aditya Birla Group, Aditya Birla Centre
Japan	Mr Fujio Mitarai	President and Chief Executive Officer of Canon Inc.
Rep. of Korea	Mr Tae-shin Kwon	President, Korea Economic Research Institute (KERI); Former Minister of the Prime Minister's Office; Former Ambassador of Korea to OECD
New Zealand (Acting Governor)	Dr Alan Bollard	Former Executive of ASEC and Reserve Bank Governor of New Zealand





Annex B

Academic Advisory Council Members

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 Executive Director on the

- annual work programme,
- review and evaluation of research outcomes, and
- review and evaluation of the performance of researchers.

Dr Hank Lim Giok Hay	Senior Research Fellow, Singapore Institute of International Affairs (SIIA) ; Chairperson of the ERIA Academic Advisory Council
Prof Peter Drysdale	Emeritus Professor of Economics, Crawford School of Public Policy at The Australian National University
Prof Zhang Yuyan	Director, Senior Fellow Institute of World Economics and Politics, Chinese Academy of Social Science (CASS)
Prof Kyoji Fukao	President of Institute of Developing Economies- Japan External Trade Organization (IDE-JETRO)
Mr Pravin Kumar Agarwal	Director (HR) of the Energy and Resources Institute (TERI)
Prof Gary Richard Hawke	Emeritus Professor, Victoria University of Wellington; Senior Fellow, NZ Institute of Economic Research
Dr Shankaran Nambiar	Senior Research Fellow Malaysian Institute of Economic Research



Annex C

Research Institutes Network

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

- Support ERIA's research activities by providing country information and research findings
- Encourage the dissemination of ERIA's research outcomes to policymakers and political leaders who implement policies as well as to opinion leaders in member countries.
- Support ERIA's capacity building programme.

Brunei Darussalam	Brunei Darussalam Institute of Policy and Strategic Studies (BDIPSS)
Cambodia	Cambodian Institute for Cooperation and Peace (CICP)
Indonesia	Centre for Strategic and International Studies (CSIS)
Lao PDR	National Economic Research Institute (NERI)
Malaysia	Institute of Strategic and International Studies (ISIS)
Myanmar	Yangon Institute of Economics (YIE)
Philippines	Philippine Institute for Development Studies (PIDS)
Singapore	Singapore Institute of International Affairs (SIIA)

Thailand	Thailand Development Research Institute (TDRI)
Viet Nam	Central Institute for Economic Management (CIEM)
Australia	Australian National University (ANU)
China	Chinese Academy of Social Sciences (CASS)
India	Research and Information System for Developing Countries (RIS)
Japan	Institute of Developing Economies (IDE/JETRO)
Korea	Korea Institute for International Economic Policy (KIEP)
New Zealand	New Zealand Institute of Economic Research (NZIER)



Annex D

Academic Advisory Council Members

The Energy Research Institute Network consists of research institutes from 16 East Asia Summit countries. ERIA requests the Energy Research Institute Network 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)
Cambodia	Ministry of Mines and Energy (MME)
Indonesia	Indonesian Institute for Energy Economics (IIEE)
Lao PDR	National University of Laos (NUOL)
Malaysia	Universiti Tenaga Nasional (UNITEN)
Myanmar	Ministry of Energy (MOE)
Philippines	University of the Philippines National Engineering Center (UPNEC)
Singapore	National University of Singapore (NUS)

Thailand	Chulalongkorn University (CU)
Viet Nam	Institute of Energy (IE)
Australia	The Australian National University (ANU)
China	Centre of Energy and Environment Policy Research, Beijing Institute of Technology
India	The Energy and Resources Institute (TERI)
Japan	The Institute of Energy Economics, Japan (IEEJ)
Korea	Seoul National University (SNU)
New Zealand	The University of Auckland (UoA)



Annex E

ERIA Officials, Researchers, and Associates



Research Department

Top (left-right):

Osuke Komaza (Special Advisor to the President for Healthcare and Long Term Care Policy), Masahito Ambashi (Economist), Alloysius Joko Purwanto (Energy Economist), Rashesh Shrestha (Economist), Lurong Chen (Economist), Dian Lutfiana (Research Associate), Doan Thi Thanh Ha (Economist), Rahmasari Istiandari (Research Associate), Sota Machida (Senior Officer of Healthcare and Long Term Care Policy), Takafumi Fujisawa (Senior Policy Advisor), Kazuaki Yamamoto (Senior Policy Advisor), Samuel Nursamsu (Research Associate), Edo Setyadi (Research Associate)

Bottom (left-right):

Shigeki Kamiyama (Director General for Research Administration), Dionisius Narjoko (Senior Economist), Jun Arima (Senior Policy Fellow for Energy), Fukunari Kimura (Chief Economist), Shujiro Urata (Senior Research Advisor to President), Ponciano Intal, Jr. (Senior Economist), Fauziah Zen (Senior Economist)

Not in photo:

Yanfei Li (Energy Economist), Venkatachalam Anbumozhi (Energy Economist), Han Phoumin (Energy Economist), Junichi Wada (Senior Policy Advisor for Energy), Muhammad Rizqy Anandhika (Research Associate), Yuanita Suhud (Research Associate)

General Affairs

left-right:

Takeo Tsukuda (Deputy Director General for Finance and Administration and Financial Director), Izuru Kobayashi (Chief Operating Officer, Director General of Administration and Personnel Department), Ayumi Kodama (Deputy Director General and ERIA Representative to ASEAN), Rendy Prasetya (Legal Supervisor), Yoshiki Nishida (Director of Administration and Personnel and Senior Policy Advisor)



Policy Design Department

left-right:

Rudhian Chlissma Putra (Research Associate), Ponciano Intal, Jr. (Senior Policy Fellow), Intan Murnira Ramli (Policy Fellow), Anita Prakash (Director General for Policy Design), Shigeki Kamiyama (Director General for Policy Design Administration), Salvador Buban (Policy Fellow)



Communication and Outreach Department

left-right:

Rhezka Aulia (Planning and Coordination Supervisor), Shimpei Taniguchi (Planning and Coordination Director), Lydia Ruddy (Director of Communications), Stefan Wesiak (Chief Editor and Publications Director), Chrestella Budyanto (Editorial and Publications Associate), Jeremy Gross (Director of Capacity Building), Tyagita Silka Hapsari (Communications Supervisor)





Annex F

Summit Statements in FY 2018

The 50th ASEAN Economic Ministers' (AEM) Meeting 29 August 2018, Singapore JOINT MEDIA STATEMENT

Micro, Small and Medium Enterprises

40. The Ministers endorsed the ASEAN SME Policy Index (ASPI) 2018 as a reference tool to help monitor and evaluate ASEAN's efforts in advancing MSME development policies in the region and welcomed the convening of national level seminars to share the findings and recommendations, and to discuss possible follow-ups to key recommendations. [The Ministers thanked Canada, the Organisation for Economic Co-operation and Development \(OECD\) and Economic Research Institute for JMS of the 50th AEM 9 ASEAN and East Asia \(ERIA\) for their support in this work undertaken in co-operation with the ASEAN Coordinating Committee on Micro, Small and Medium Enterprises \(ACCMSME\).](#)

The Seventh AEM–Canada Consultations 1 September 2018, Singapore

3. [The Ministers welcomed the completion of the Joint Feasibility Study for an ASEAN-Canada FTA, which was jointly conducted by the Economic Research Institute for ASEAN and East Asia \(ERIA\) on ASEAN's behalf and Global Affairs Canada.](#) The study showed potential gains for ASEAN and Canada from an FTA, with positive impact on trade and investment flows. In this context, the Ministers also welcomed the outcomes of the first set of Exploratory Discussions for a possible ASEAN-Canada FTA, covering the areas of trade in goods, investment, and services, which provided ASEAN and Canada the opportunity to gain a better understanding of each other's approaches to these areas in an FTA. The Ministers agreed that more dialogue is needed at the experts' level to enhance mutual understand on a range of FTA areas and directed officials to intensify discussions with a view to completing exploratory discussions in 2019.

The Sixth EAS Economic Ministers' Meeting 1 September 2018, Singapore

4. The Ministers congratulated the Economic Research Institute for ASEAN and East Asia (ERIA) on its 10th Anniversary and welcomed the report of the 11th ERIA Governing Board Meeting. The Ministers commended ERIA's contribution, as a regional think-tank, in supporting regional integration through its research activities, and encouraged ERIA to continue providing targeted high-quality research on topics that highlight and address the challenges facing the region.

The 12th East Asia Summit Energy Ministers Meeting 29 October 2018, Singapore JOINT MINISTERIAL STATEMENT

10. The Ministers noted the LNG Producer Consumer Conference on 22 October 2018 in Nagoya, Japan and the Economic Research Institute for ASEAN and East Asia (ERIA)'s contributions towards policy analysis, research studies, roundtables and technical workshops conducted on natural gas and LNG markets.

13. Implementation of the EAS policy research roadmap. The Ministers welcomed the implementation of the EAS Mid-Term Energy Policy Research Roadmap following the adoption of the roadmap at the 11th EAS EMM in September 2017. The studies conducted by ERIA under the roadmap supported the work of the three (3) EAS ECTF work streams, including EAS energy outlook and savings potential, DES application, next generation biofuels and analysis of geothermal energy potential in response to the particular needs of EAS countries for economic analysis.

Chairman's Statement of The 33rd ASEAN Summit Singapore, 13 November 2018

19. We welcomed ASEAN's progress in realising the five economic thrusts identified by Singapore for 2018, namely: promoting innovation and e-commerce; improving trade facilitation; deepening services and investment integration; cultivating a conducive regulatory environment; and progressing ASEAN's external relations. We welcomed the signing by the ASEAN Economic Ministers in November 2018 of the ASEAN Agreement on Electronic Commerce, which would facilitate cross-border ecommerce transactions and promote confidence in the use of e-commerce in the region to drive economic growth and social development. We noted the endorsement by the AEC Council Ministers of the ASEAN Digital Integration Framework, which identifies the economic benefits of, and current challenges to, digital integration for ASEAN and for individual ASEAN Member States, with particular attention paid to MSMEs. We further noted



the ASEAN Secretariat's Assessment of ASEAN's Readiness for the Fourth Industrial Revolution, and tasked our officials to strengthen cross-pillar and cross-sectoral coordination in this area. [We commended the 10th Anniversary of the Economic Research Institute for ASEAN and East Asia \(ERIA\) and its contributions to deepening economic integration, narrowing the development gap and achieving sustainable development in ASEAN and East Asia, and encouraged ERIA to continue providing targeted high-quality research on topics that highlight and address the challenges facing the region.](#)

**Keynote Address by Yab Tun Dr Mahathir Bin Mohamad,
Prime Minister Of Malaysia
ASEAN Business and Investment Summit (ABIS) 2018**

21. I note that ASEAN-BAC has been pushing for trade facilitation and opportunities offered by low hanging fruits such as speeding up cross-border shipments and reducing bureaucratic processes in order to boost trade volume and lower the costs of doing business. [I also commend the proposed collaboration between ASEAN-BAC and Economic Research Institute for ASEAN and East Asia \(ERIA\) to formulate national level priorities for the reduction of non-tariff measures to support 10% reduction in trade costs by 2020.](#) These are indeed initiatives which need to be accelerated in order to see higher rate of growth within ASEAN in the next few years. Malaysia is undertaking structural reforms to ensure we remain competitive. Among the measures to be undertaken includes the formation of a Committee jointly-chaired by both the Ministers of Finance and International Trade and Industry to improve regulatory framework on trade facilitation and taxation.

**Joint Statement of the 21st ASEAN-Japan Summit to Commemorate the
45th Anniversary of ASEAN-Japan Friendship and Cooperation
13 November 2018**

8. [We will further enhance economic integration, such as in promoting the digital economy, through the support of the Economic Research Institute for ASEAN and East Asia \(ERIA\) to explore the vision of developing an East Asia community with the ASEAN Community as its core.](#)

Chairman's Statement of the 21st ASEAN-Japan Summit Singapore, 14 November 2018

7. We commended the progress made in the implementation of the ASEAN Japan 10-year Strategic Economic Cooperation Roadmap in various sectors, including activities promoting human resource development, trade facilitation, micro, small and medium enterprise (MSME) development, infrastructure, innovation and transfer of technology. We welcomed the ASEAN-Japan Fourth Industrial Revolution Initiative, which would enable ASEAN to develop its capabilities to benefit from the digital revolution. We encouraged the Economic Ministers to expedite their efforts towards the establishment of an ASEAN-Japan cooperation mechanism to support the implementation of the ASEAN Agreement on Electronic Commerce. We also commended the work of the ASEAN-Japan Innovation Network (AJIN), a private sector led initiative that promotes innovation across sectors and industries, including digital business platforms for MSMEs and emerging industries. We acknowledged the support of the AEM-METI Economic and Industrial Cooperation Committee (AMEICC) in developing industries and strengthening connectivity within the region, notably through the publication of Future of ASEAN – 50 Success Stories of Digitalisation of ASEAN MSMEs. We commended the ASEAN-Japan Centre for its significant role in promoting trade, investment, and tourism as well as people-to-people exchanges and ASEAN awareness. In this regard, we welcomed the Centre's recent structural reforms to address the new challenges faced by ASEAN and Japan, and encouraged the Centre to consider necessary reform. [We also expressed appreciation for 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.](#)

Chairman's Statement of the 13th East Asia Summit Singapore, 15 November 2018

ASEAN Connectivity

21. We welcomed the establishment of the ASEAN Smart Cities Network and expressed support for the progress made on developing a framework for smart city development in ASEAN as well as city-specific action plans. We also welcomed the ASEAN Sustainable Urbanisation Strategy, which provides cities with useful toolkits to mitigate urban challenges. We looked forward to the non-ASEAN EAS participating Final 6 countries' close partnership with ASEAN cities as their efforts to build smart and sustainable communities evolve over the coming years. [We noted the convening of the 3/2018 ASEAN Connectivity Coordinating Committee \(ACCC\) Meeting, the inaugural Monitoring, Review and Evaluation Meeting, the 9th ASEAN Connectivity Symposium supported by the Economic Research Institute for ASEAN and East Asia \(ERIA\), and the ACCC Consultations with Dialogue Partners and Other External Partners on Connectivity in Singapore from 4 to 7 September 2018.](#) Recognising the importance of the use of technology as an enabler to improve the lives of our people, we also adopted the EAS Leaders' Statement on ASEAN Smart Cities



Economic Cooperation and Trade

24. We commended the 10th Anniversary of ERIA and its contributions to deepening research on economic integration, narrowing the development gap, achieving sustainable development, and strengthening regional health services in ASEAN and East Asia. We encouraged ERIA to continue providing targeted high-quality research on topics that highlight and address the challenges facing the region.



Annex G-1

List of Outreach Activities of ERIA Researchers

RESEARCHER	PUBLICATIONS
Fukunari KIMURA (Chief Economist)	<p><i>APO Productivity Databook 2018</i> with Koji Nomura. Tokyo: Asian Productivity Organization</p> <p>'Are Production Networks Passé? Not Yet' with Ayako Obashi in <i>Asian Economic Papers</i>, Vol. 17, No. 3 (Fall), 2018: 86–107</p> <p>'Measuring the Usage of Preferential Tariffs in the World' with Kazunobu Hayakawa and Nuttawut Laksanapanyakul in <i>Review of World Economics (Weltwirtschaftliches Archiv)</i>, Vol. 154, No. 4, 2018: 705–723</p> <p>'Unbundling Regimes and Development Strategies in ASEAN: Old Issues and New Challenges' in <i>Journal of Southeast Asian Economies</i>, Vol. 35, No. 1, Special Issue: Commemorating the 50th Anniversary of the ISEAS – Yusof Ishak Institute (April 2018), 13–21</p> <p>'Value Chain Connectivity in Indonesia: The Evolution of Unbundlings' with Lurong Chen in <i>Bulletin of Indonesian Economic Studies</i>, Vol. 54, Issue 2, 2018: 165–192</p>
Masahito AMBASHI	<p>'Global Uncertainty, Shocks, and Macroeconomic Performance: The Cases of Indonesia, Malaysia, Philippines, and Thailand', mimeo, last version October 2018</p> <p>'The Future Perspective of the ASEAN Economy' in CLAIR Forum (in Japanese), December 2018 http://www.clair.or.jp/ji/forum/forum/articles/index-350.html</p> <p><i>Emerging Global Trade Governance in the 21st Century: Mega FTAs and Implications for East Asia</i> with Chen, L., Nakagawa, J., and Urata, S.(eds.) (2018), London: Routledge</p>
Venkatachalam ANBUMOZHI	<p><i>Financing for Low-Carbon Energy Transition: Unlocking the Potential of Private Capital</i>, with K. Kalirajan and F. Kimura (editors). Tokyo: Springer</p> <p>'Leveraging Private Finance Through Public Finance: Role of International Financial Institutions' with P. Timisina in Anbumozhi, V., K. Kalirajan, and F. Kimura (eds.) (2018) <i>Financing for Low-Carbon Energy Transition: Unlocking the Potential of Private Capital</i>. Tokyo: Springer, 317–334</p> <p>'Geothermal Energy Barriers, Policies and Economics in East Asia' in Ali Sayigh (ed.) (2018), <i>Transition Towards 100% Renewable Energy</i>, Tokyo: Springer, 11–20</p> <p><i>Vulnerability of Agricultural Production Networks and Global Food Value Chains due to Natural Disasters</i>, with M. Breiling (editors), TU-Wien and Organization for Economic Cooperation and Development (forthcoming)</p> <p>'Improving Resilience of Regional Food Value Chains Against Climate Change and Natural Disasters' in Breiling, M. and V. Anbumozhi (eds.), <i>Vulnerability of Agricultural Production Networks and Global Food Value Chains due to Natural Disasters</i> (forthcoming)</p> <p>'The G20 and Its Role in driving Low-carbon Transition through Private Finance' in <i>Global Solutions Journal</i>, Volume I. Issue 3, 80–89</p>



RESEARCHER	PUBLICATIONS
Venkatachalam ANBUMOZHI (cont.)	'Innovations for a Low-Carbon Economy in Asia: Past, Present, and Future' in Silva, V., M. Hall and I. Azevedo (2018), <i>Low Carbon Transition: Technical, Economic and Policy</i> , IntechOpen: Budapest, 11–28
	'A Comparative Study on the Role of Public-Private Partnerships and Green Investment in Boosting Low Carbon Investments' with D. David in <i>ADB Working Paper No. 870</i> , September 2018. Tokyo: Asian Development Bank Institute
	'Realizing the Sustainable Future: How to bring G20 on Right Track?' in <i>Global Solutions Journal</i> Volume II, Issue 1
	Anbumozhi V, X Yao and Y Suhud (2019). 'Energy Policy Making and Regional Cooperation for Sustainable Future: Lessons from Historical Analysis of South East Asia' in Geoffron, P., L. A. Greening, and R. Heffron (eds.) (forthcoming), <i>Energy Policy Making after Paris Mandate: A Cross National Comparison</i> . Tokyo: Springer
	Op-ed: 'How to Save the Planet While Making a Profit' in <i>The Nation</i> , 6 August 2018
	Op-ed: 'Coming Clean with Biofuels' in <i>China Daily -Asia Weekly</i> , 6–12 August 2018
	Op-ed: 'Creating the Virtuous Circle' in <i>Bangkok Post</i> , 17 October 2018
	Op-ed: 'Managing the G20's Relevance: Japan's Presidential Agenda' in <i>Japan Times</i> , 5 December 2018
	Op-ed: 'What are the stakes for ASEAN in Paris 2.0/COP24' in <i>The Brink</i> , 12 December 2018
	Op-ed: 'Tariffs a threat to Clean Energy Future of Asia' in <i>China Daily</i> , 14 December 2018
	Peer Reviewer: World Energy Outlook 2018, International Energy Agency, Paris
	Book Reviewer: Climate Change and Sub-Saharan Africa: The Vulnerability of Food Supply Chain Actors, by John K Kuwonru, Venon Press
	Session Chair at 'International Conference on Climate Change and Human Responses', organized by Konrad Adenauer Stiftung Foundation Hong Kong, China, 31 October–2 November 2018
	Panelist at 'Brewing New Talents for Future Energy Transition' at Women in Renewable Asia Fellowship Gathering Manila, Philippines, 13 November 2018
Panelist at 'Driving Universal Access to Electricity and Eliminating Energy Poverty, Solar Philippines' at the ASEAN Solar and Energy Storage Congress Manila, Philippines, 14–15 November 2018	
Sessions Chair at a workshop on 'Living Just Outside a Hosting Municipality of Nuclear Facilities' Maizuru, Kyoto, 22 January 2019	
Session Chair at a workshop on 'Living in the hosting Municipality of Nuclear Facilities' Shizuoka, Japan, 24 January 2019	
Presenter and Session Coordinator at the Public-Private Dialogue on Unlocking the Potentials of Private Finance for Low-carbon Energy Transition, organized by Asian Development Bank Institute Tokyo, Japan, 21–22 February 2018	

RESEARCHER	PUBLICATIONS
	<p>Presenter and Session Moderator on '3R as a Way for Moving towards Sufficiency Economy – Implications for SDGs: Ninth Regional 3R Forum in Asia and the Pacific' Bangkok, Thailand, 4–6 March 2019</p>
Lurong CHEN	<p>Report on <i>A Joint Feasibility Study on ASEAN-Canada FTA (Executive Summary)</i>. Jakarta: ASEAN Secretariat, February 2019. The full report is considered an official document by the ASEAN Secretariat for internal use only</p> <p><i>Emerging Global Trade Governance in the 21st Century: Mega FTAs and Implications for East Asia</i> with Urata, S., J. Nakagawa and M. Ambashi (eds.) (2018), London: Routledge.</p> <p>Thematic chapter in OECD (2018), <i>Economic Outlook for Southeast Asia, China and India 2019: Towards Smart Urban Transportation</i>, Paris: OECD Publishing</p> <p>Thematic chapter in OECD (2018), <i>Economic Outlook for Southeast Asia, China and India 2018 - Update: Promoting Opportunities in E-commerce</i>, Paris: OECD Publishing</p> <p>'Value Chain Connectivity in Indonesia: The Evolution of Unbundlings,' with F. Kimura in <i>Bulletin of Indonesian Economic Studies</i>, Vol. 54(2): 165–192</p> <p>'Japan and China in a Two-Hub Formation of Regional Integration in East Asia' in H. Loewen and A. Zorob (eds.) <i>Initiatives of Regional Integration in Asia in Comparative Perspective: Concepts, Contents and Prospects</i>, 23–41.</p>
Doan Thi Thanh HA	<p>'Multi-product Firms, Tariff Liberalization and Product Churning in Vietnamese Manufacturing' in <i>ADB Working paper No. 918</i>, January 2019. Tokyo: Asian Development Bank Institute</p>
HAN Phoumin	<p>'Perspectives on Mekong-Japan cooperation for inclusive growth and mutual benefits' in <i>Asia Pathways</i>, Asian Development Bank Institute blog, 16 November 2018</p>
Michikazu KOJIMA	<p>'Designing Future Visions of Sustainable Consumption and Production in Southeast Asia' with Y. Kishita, S. Kuroyama, M. Matsumoto, and Y. Umeda in <i>Procedia CIRP</i> Volume 69 (2018), 66–71</p> <p><i>Recycling and World Economy</i> (in Japanese), Tokyo: Chuokoron-sha, May 2018 (Translated into Korean with Preface for Korean reader was published in March 2019)</p> <p>'Impact of Chinese Restriction on Importing Recyclable Waste' in <i>Kankyo Shimbun</i>, 13 June 2018</p> <p>'The Problem of Plastic Waste in Ocean is "adrift"' with F. Iwasaki in <i>Diplomacy</i>, Volume 52, November–December 2018, 90–94 (in Japanese)</p>
Yanfei LI	<p>Op-ed: 'Understanding China's Technological Rise' in <i>The Diplomat</i>, 3 August 2018</p> <p>Op-ed: 'Trading Renewable Energy Through the ASEAN Power Grid' in the <i>ASEAN Centre for Energy</i>, 7 August 2018</p> <p>Op-ed: 'Hydrogen on the rise as clean fuel' in <i>China Daily</i>, 28 September 2018</p> <p>'A cooperative game theoretic approach on the stability of the ASEAN Power Grid' in <i>Energy Economics</i>, Volume 75, September 2018, 492–502</p>



RESEARCHER	PUBLICATIONS
Alloysius Joko PURWANTO	Op-ed: 'Lessons learned from French fuel price hike', in the <i>Jakarta Post</i> , 17 December 2018
Rashesh SHRESHTA	<p>Op-ed: 'Diagnosing causes of inequality crucial for ASEAN' in <i>The Jakarta Post</i>, 19 April 2018</p> <p>'Can Indonesia Secure a Development Dividend from Its Resource Export Boom?' with Ian Coxhead in <i>Bulletin of Indonesian Economic Studies</i>, Volume 54 No. 1, August 2018, 1–24</p> <p>'Export Boom, Employment Bust? The Paradox of Indonesia's Displaced Workers, 2000–2014' with Ian Coxhead in <i>ADB Working Paper No. 874</i>, September 2018. Tokyo: Asian Development Bank Institute</p> <p>'Awareness and Demand for Sanitary Pads: Evidence from a Randomized Experiment in Communities of Nepal' with Vinish Shrestha in <i>Towson University Working Paper No. 2018-05</i>, November 2018. Maryland: Towson University Department of Economics</p> <p>'Multigenerational Effect of Education Reform: Mother's Education and Children's Human Capital in Nepal' with Vinish Shrestha in <i>The World Bank Economic Review</i> (accepted in November 2018)</p> <p>'Early Life Shocks, Cognitive Ability, and Labor Market Outcomes in Indonesia' in <i>Asian Economic Papers</i> (conditionally accepted in December 2018)</p> <p>'The New Oil Wars: The Predatory Political Economy of Palm Oil Production' with Paul Kenny and Edward Aspinall, (scheduled for presentation at AAS, Denver, 21-24 March 2019)</p> <p>Review of <i>Services Liberalization in ASEAN: Foreign Direct Investment in Logistics</i>, by Tham Siew Yean and Sanchita Basu Das (eds), Asian Pacific Economic Literature (forthcoming April 2019)</p>
Fauziah ZEN	<p>'Public-Private Partnership Development in Southeast Asia' in Akash., D. K. Jungwook, M. Lee (2019) (eds.), <i>Realizing the Potential of Public-Private Partnerships to Advance Asia's Infrastructure Development</i>, Philippines, Asian Development Bank</p> <p>Reviewer in <i>Journal of Economics and Finance</i>, Faculty of Economics, University of Indonesia</p> <p>Participated in IMF Article 4 Consultative Reports on Indonesia Economy, Country Reports Vo. 18/32, Washington DC, International Monetary Fund</p>



Annex G-2

List of Outreach Activities of ERIA Researchers

RESEARCHER	INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
Fukunari KIMURA (Chief Economist)	Presenter, 'Value Chain Connectivity in Indonesia: the Evolution of Unbundlings' at the 12 th Sadli Lecture, organized by Universitas Indonesia and Australian National University Jakarta, Indonesia, 2 May 2018
	Presenter, 'Value Chain Connectivity in Indonesia: the Evolution of Unbundlings' at the Mubyarto Public Policy Forum Yogyakarta, Indonesia, 3 May 2018
	Presenter, 'Future Direction of Regional Connectivity in the Asia-Pacific/Indo-Pacific Region' at the Symposium on "Fostering Regional Connectivity in the Indo-Pacific Region: Connecting the Connectivities" Bangkok, Thailand, 11 June 2018
	Presenter, 'Continuing Agenda and New Challenges: MPAC 2025 and Beyond' at a workshop on 'Latest Developments of Master Plan on ASEAN Connectivity (MPAC) 2025 and Connectivity in the Region' Bangkok, Thailand, 12 June 2018
	Presenter, 'How Can We Incorporate the Digital Economy into Development Strategies?' at Digital Economy Issues Seminar to EAS Ambassadors in Jakarta Jakarta, Indonesia, 20 June 2018
	Presenter, 'Supporting Rule-based Trade Regime' at Jeju Forum "Reengineering Peace for Asia"; Session "Asia's Harmonious Economic Cooperation for Common Prosperity" Jeju, Korea, 26 June 2018
	Presenter, 'Japanese Response to US-China Trade Tensions' at Foreign Press Center Japan, Press Briefing Tokyo, Japan, 27 June 2018
	Chaired 'ERIA-UNPAD Session on Sustainable Development' at the 14th IRSA International Conference Solo, Indonesia, 13 July 2018
	Presenter, 'Unbundlings' and Development Strategies in Asia' at the 6th OECD-AMRO-ADB/ADBI-ERIA Asian Regional Roundtable on Macroeconomic and Structural Policies Manila, Philippines, 26 July 2018
	Presenter, 'The Importance of the Unfinished Business of the Bogor Goals for Modern Trade Dynamics: Evolving International Division of Labor and International Commercial Policies' at 2018 Multi-Stakeholder Dialogue on APEC Toward 2020 and Beyond Port Moresby, Papua New Guinea, 15 August 2018
Presenter, 'Challenge 3: Strengthening Regional/Global Value Chains in Japan and Indonesia' at the Second Executive Committee Meeting for Project 2045 Jakarta, Indonesia, 27 August 2018	



RESEARCHER	INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
Fukunari KIMURA (Chief Economist) (cont.)	Participated as a panelist together with Mireya Solis, Pek Koon Heng-Blackburn, Meredith Sumpter, and Shujiro Urata at Brookings Institution "Japan in Asia: Economic Diplomacy in the New Geopolitics" Washington DC, United States, 17 September 2018
	Presenter, 'Technology Transfer/spillover and International Rule Making in the 2nd and 3rd Unbundling' at the WTO Public Forum 2018 – Session 93: Working Session "Who Should Control Technology Transfer for Trade and Economic Growth? Global Economic Integration and Industrial Policy in Emerging Asia" organized by IDE-JETRO and ERIA Geneva, Switzerland, 4 October 2018
	Presenter, 'Turbulence in the World Trade Regime and the Japan-EU Economic Partnership' at TCAS Lunchtime Lecture on Economic Reform in Japan and the Japan-EU Economic Partnership Agreement, Trinity Centre for Asian Studies, Trinity College Dublin Dublin, Ireland, 19 November 2018
	Presenter, 'The EU-Japan EPA and Its Relevance for the Japanese and Austrian Economies' at Bundesministerium fur Digitalisierung und Wirtschaftsstandort Vienna, Austria, 21 November 2018
	Presenter, 'Turbulence in the World Trade Regime and the Japan-EU Economic Partnership' at Camara de Comercio e Industria Portuguesa, Seminario Acordo de Parceria Economica UE-Japan Lisbon, Portugal, 23 November 2018
	Presenter, 'Keynote: Viet Nam's Role in Promoting Realization of ASEAN Community Vision 2025' at Ministry of Foreign Affairs, Viet Nam, "ASEAN Post 50 and Viet Nam" Ha Noi, Viet Nam, 30 November 2018
	Lead Co-chair, Task Force 8: Trade, Investment, and Globalization at T20 Japan 2019 Inception Conference Tokyo, Japan, 4–5 December 2018
Masahito AMBASHI	Discussant, 'Identifying Sri Lanka's Sources of Growth: The Application of Primal and Dual Total Factor Productivity Growth Approaches' by Kumari, R. and S. Tang, and Session Chair for Micro-Data Analysis at the 16th International Convention of the East Asian Economic Association (EAEA) Taipei, Taiwan, 28-29 October 2018
	Presenter, 'Innovation for ASEAN 2040' at a Roundtable Discussion on Technological Revolution, ASEAN Transformation, People Empowerment, and ASEAN Identity Chulalongkorn University Bangkok, Thailand, 16 December 2018
	Presenter at 'Harnessing New Technologies for Social and Economic Progress Towards ASEAN 2040', a Roundtable Discussion on Technological Revolution, ASEAN Transformation, People Empowerment, and ASEAN Identity, Chulalongkorn University Bangkok, Thailand, 16 December 2018

RESEARCHER	INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
Venkatachalam ANBUMOZHI	Session Chair at Focus Group Discussion on Enabling Renewable Energy Investment in ASEAN through Insurance and Guarantee Schemes Jakarta, Indonesia, 5 April 2018
	Keynote Speaker at an International Workshop on 'Unlocking the Door Towards Development: Improving Access to Electricity in South East Asia', Konrad Adenauer Stiftung Foundation Bangkok, Thailand 15–17 April, 2018
	Discussant at Risk ASEAN and Derivative Conference Jakarta, Indonesia, 7 May 2018
	Discussant at ASEAN High-level Dialogue on Ocean and Blue Economy: Enhancing Regional Cooperation on Sustainable Fisheries and Marine Pollution in South East Asia Jakarta, Indonesia, 8 May 2018
	Presenter, 'Green Climate Funding for Renewable Energy Projects' at the ASEAN Power Grid Summit 2018 Vientiane, Lao PDR, 21–23 May 2018
	Panelist at 'Towards A Comprehensive Approach on Climate Policy and Finance' at the Global Solutions Think Tank Summit Berlin, Germany, 27–29 May 2018
	Presenter, 'Scaling Up Private Investment for Low-Carbon Energy Transition: The Role of Regional Solution' at the 41st International Association of Energy Economics (IAEE) Conference Groningen, Netherlands, 10–13 June 2018
	Presenter, 'Overcoming barriers to geothermal energy development in Indonesia' at the Grand Renewable Energy Conference and Exhibition Yokohama, Japan, 17–20 June 2018
	Presenter, 'Barriers to Geo-thermal energy use in East and South East Asia' at the Grand Renewable Energy Conference Yokohama, Japan, 20–22 June 2018
	Panelist at ASEAN Working Group Meeting on Climate Change and Partnership Engagement, organized by Asian Development Bank Manila, Philippines, 25–26 June 2018
	Panelist at Forum on ASEAN Sustainable Urbanization Strategy Singapore, Singapore, 7–8 July 2018
	Plenary Speaker at 'Public Private Partnership for Scaling Up Investment in Low-carbon Energy Transition' at the 2nd International Conference on Energy Economics, University of the Philippines Manila, Philippines, 19–20 July 2018
Presenter, 'Mainstreaming Resilience into SDGs and Agriculture Trade Pact: Why and How?' at the 14th IRSA conference "Strengthening Regional and Local Economy" Solo, Indonesia, 23–24 July 2018	



RESEARCHER	INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
Venkatachalam ANBUMOZHI (cont.)	Speaker at the International Workshop on Digital Economy and Agriculture, organized by Periyar University Salem, India, 16 August 2018
	Discussant at the Policy Roundtable on Asia's Economic Outlook: Risks and Policy Responses, organized by Australian National University Canberra, Australia, 21 August 2018
	Session Moderator at the Asian Think Tank Development Forum on Upgrading Human Capital and Skills Development for Future Asia, organized by Australian National University Canberra, Australia, 22–23 August 2018
	Panelist at 'Bridges to the Future of Works' at T20 Summit Buenos Aires, Argentina, 16–18 September 2018
	Panelist at 'Re-Powering Small Hydro' at the Second Global RE-INVEST India-ISA Partnership Conference Greater Noida, India, 3–5 October 2018
	Presenter, 'Imbalances and Determinants in Financing Low-carbon Transition: A stochastic Frontier Analysis of Emerging Economies in Asia' at the 86th International Atlantic Economic Society New York, United States, 11–14 October 2018
	Keynote Speaker on 'Challenges and Opportunities for a Green ASEAN Grid System' at International Conference on Green Energy and Sustainable Development Phuket, Thailand, 24–26 October 2018
	Presented a paper at the High-level dialogue on Policy Actions Towards Circular Economy at the Global Sustainable Technogym Innovation Conference Brussels, Belgium, 28–30 November 2018
Lurong CHEN	Presented at a workshop on 'Harnessing Technologies for Sustainable and Resilient ASEAN 2040', Chulalongkorn University Bangkok, Thailand, 16 December 2018
	Speech 'A Full Joint Feasibility on ASEAN-Canada FTA' at ASEAN SEOM 2/49 Bali, Indonesia, 23 March 2018
	Presenter, 'A Study on Micro, Small, and Medium Enterprise Participation in the Digital Economy In ASEAN' at ACCSMES Consultation Meeting Luang Prabang, Lao PDR, 24 April 2018
	Speech 'Modelling Results of a Potential ASEAN-Canada FTA' at ASEAN SEOM 3/49 Singapore, Singapore, 11 July 2018
	Keynote speaker at the OECD Special Consultation on the Economic Outlook for Southeast Asia, China and India Paris, France, 13 July 2018
Chair at OECD-ERIA Joint Seminar on '2018 Regional Economic Outlook: Key Findings' Jakarta, Indonesia, 23 July 2018	

RESEARCHER	INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
	<p>Chair at the Asian Regional Roundtable on Macroeconomic and Structural Policy Challenges Manila, Philippines, 26 July 2018</p>
	<p>Presenter, 'Mega FTAs: Which Strategy for ASEAN' at the 14th Annual Conference of the Asia-Pacific Economic Association Los Angeles, United States, 3–4 August 2018</p>
	<p>Presenter, 'Feasibility on ASEAN-Canada FTA' at the AEM-Canada Consultation Meeting Singapore, Singapore, 1 September 2018</p>
	<p>Keynote speaker on 'Digitalization to Unlock the Potential of Development: Selected Issues' at the ICCAP 2018 Symposium, organized by the Ministry of Trade of Indonesia Jakarta, Indonesia, 5 September 2018</p>
	<p>Keynote speaker at 'ASEAN-Canada FTA: Future Opportunities and Challenges' Jakarta, Indonesia, 23 October 2018</p>
	<p>Panel at the 'East Asian Cooperation in a Changing World' Beijing, China, 24 October 2018</p>
	<p>Panel at the 'East Asian Cooperation: Retrospect and Prospect' Beijing, China, 25 October 2018</p>
	<p>Presenter, 'ASEAN Development in the Digital Economy: Getting Connected for E-commerce' at Korea Trade Research Association Winter Conference Seoul, Korea, 15 December 2018</p>
Doan Thi Thanh HA	<p>Presenter, 'How NTMs and Good Regulatory Practice interact' at the ASEAN-CER Integration Partnership Forum Da Nang, Viet Nam, 5 April 2018</p>
	<p>Keynote Speaker on 'The rise of NTMs and the role of FTAs/RTAs in addressing this phenomenon' at the Capacity building workshop on Addressing Non-tariff barriers in FTAs and RTAs Port Moresby, Papua New Guinea, 17 May 2018</p>
	<p>Presented paper on Good Regulatory Practice (GRP) and Non-tariff Measures (NTMs) at the 27th Coordinating Committee on Implementation of ATIGA Vientiane, Lao PDR, 31 May 2018</p>
	<p>Presenter, 'Technical Change, Trade Liberalization and Employment Growth in China: A Structural Decomposition Analysis' in Asian Economic Panel Tokyo, Japan, 10–11 September 2018</p>
	<p>Presenter, 'Agglomeration, Technology and Productivity Spillover: A Difference-in-Difference Approach' at the Twentieth Annual Conference of European Trade Study Group Conference 2018 Warsaw, Poland, 13-15 September 2018</p>
	<p>Presenter, 'Agglomeration, Productivity and Technology Spillover- The Case of Vietnamese Manufacturing' at Convention of the East Asian Economic Association Taipei, Taiwan, 27 October 2018</p>



RESEARCHER	INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
Doan Thi Thanh HA (cont.)	Presenter, 'Introduction to NTMs' at Cambodia National Workshop on Addressing NTMs Siem Reap, Cambodia, 19 November 2018
	Presenter, 'Introduction to NTMs' at Indonesia National Workshop on Addressing NTMs Jakarta, Indonesia, 10 December 2018
HAN Phoumin	Presenter, 'Can we predict global oil price? The implication for energy security' at the 4th Oil and Gas Security Network Forum Tokyo, Japan, 8–9 March 2018
	Presenter, 'Financing biomass power generation' at the 2018 Asian Power Utility Forum Jakarta Jakarta, Indonesia, 20 March 2018
	Presenter, 'Perspectives towards mutual benefits of Mekong-Japan Cooperation' at the Mekong-Japan Cooperation: Progress and Challenges since 2015, organized by Cambodian Institute for Cooperation and Peace Phnom Penh, Cambodia, 23 March 2018
	Presenter, 'Environmental rules and regulation for the power plants and power grid development in ASEAN' at the ASEAN Power Grid Summit Vientiane, Lao PDR, 21 May 2018
Michikazu KOJIMA	Panellist, Session on 'The 3Rs and Clean Air' in the Eight Regional 3R form in Asia and the Pacific, organized by The United Nations Centre for Regional Development (UNCRD), Ministry of Housing and Urban Affairs of India and Ministry of Environment of Japan Indore, India, 10 April 2018
	Presenter, 'Activities of Asian Network on the Transboundary Movements of Hazardous Waste and the Observation about the Impact of Chinese Regulation on Recycling in the Asian countries' at IMPEL Waste and TFS Conference Vienna, Austria, 13 June 2018
	Presenter, 'Changing Global Recycling System and Japan' in Special Seminar co-organized by IDE-JETRO and ERIA Tokyo, Japan, 18 June 2018
	Presenter, at Symposium of Strategic Research on Global Mitigation and Local Adaptation to Climate Change organized by Institut Teknologi Bandung and Tokyo Institute of Technology Bandung, Indonesia, 18 September 2018
	Presenter, 'Extended Producer Responsibility on E-waste' at "Pendekatan EPR dalam Mengurangi Penyebaran PBDE Pada E -Waste", organized by Institut Teknologi Bandung Bandung, Indonesia, 18 September 2018
	Panellist, Session on 'Circularity in Global Value Chain' in the World Circular Economy Forum 2018, organized by Ministry of Environment, Japan, and Sitra Yokohama, Japan, 23 October 2018
Presenter, 'Impact of China's New Regulation on Recyclable Wastes on the Trend of TBM and Recycling Business in Asia' in Workshop 2018 of the Asian Network for Prevention of Illegal Transboundary Movement of Hazardous Waste Odate, Japan, 6 November 2018	

RESEARCHER	INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
	<p>Presenter, 'Resources for Driving Innovation in Green Technology' in 14th Asia Pacific Roundtable for Sustainable Consumption and Production Jakarta, Indonesia, 13 November 2018</p>
	<p>Presenter, 'Inter-Municipal Cooperation on SWM in Japan and other Asian countries' in IGRD-CPAf, UPLB/ IDE-JETRO/ ERIA Seminar on "Inter-Municipal Cooperation on Waste Management in Japan and Other Asian Countries" Los Banos, Philippines, 23 November 2018</p>
	<p>Presenter, 'A Review on Cooperation of Local Governments on Solid Waste Management in Asian Countries', at Annual Conference of the Asian Group for Public Administration (AGPA) Quezon City, Philippines, 26 November 2018</p>
	<p>Presenter, 'Waste Management and Marine Litter' at "Learning Session on Marine Debris" organized by Ministry of Marine Affairs and Fisheries and Center for Southeast Asian Studies (CSEAS) Indonesia Jakarta, Indonesia, 6 February 2019</p>
	<p>Presenter, 'Transboundary Movement of Recyclable Wastes: Current Management System and Practices in Asia-Pacific' at the 9th Regional 3R Forum in Asia and Pacific, organized by the United Nations Centre for Regional Development (UNCRD), Ministry of Natural Resource and Environment, Thailand and Ministry of Environment, Japan Bangkok, Thailand, 4 March 2019</p>
	<p>Presenter, 'Transboundary Movement of Recyclable Wastes' at Asia 3R Citizens Forum Bangkok, Thailand, 5 March 2019</p>
<p>Osuke KOMAZAWA</p>	<p>Discussant at ABCD (Centre of Excellence for Ageing Business and Care Development) Symposium of Thammasat University Bangkok, Thailand, 17 August 2018</p>
	<p>Participant in Expert Meeting on the Future of Work in Asia: Skills Development Strategies to Promote Employment-Rich and Equitable Growth in the Care Economy by International Training Centre of the International Labour Organization Turin, Italy, 17–19 September 2018</p>
	<p>Moderator at a multi-stakeholder approach to healthy and active aging, 'Accelerating Responses to Challenges through Innovation', a side event of UNESCAP/UNFPA Midterm Review of Asian and Pacific Ministerial Declaration on Population and Development Bangkok, Thailand, 27 November 2018</p>
	<p>Speaker at 'ASEAN's policy on population ageing and ERIA's activities' at Thailand Ageing Strategy Forum by Thammasat University Bangkok, Thailand, 29 November 2018</p>
	<p>Lectured on 'Long-term care policy of Japan and Asia Health and Wellbeing Initiative' at the 10th lecture 'Population Aging of Japan and Asia' of lecture-series 'SDGs for everybody' by Nagasaki University School of Tropical Medicine and Global Health (in Japanese) Tokyo, Japan, 8 February 2019</p>
	<p>Keynote Speaker, 'Population Aging, SDGs and Asia Health and Wellbeing Initiative', at the 7th International Conference for Universal Design Bangkok, Thailand, 5 March 2019</p>



RESEARCHER	INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
Yanfei LI	Panelist at the ASEAN S&T Fellowship Orientation Workshop, organized by ASEAN Secretariat Jakarta, Indonesia, 26 July 2018
	Presented at the 8th ACE Webinar 'Small Scale LNG Role in ASEAN Interconnection' at ASEAN Centre for Energy Jakarta, Indonesia, 3 September 2018
	Presented at the First Workshop of the Feasibility Study on ASEAN Multilateral Power Trade, organized by International Energy Agency and ASEAN Secretariat Jakarta, Indonesia, 5 September 2018
	Presented at the 36th USAEE/IAEE Conference on 'Electrification of Road Transport in ASEAN and Energy Security' Washington DC, United States, 25 September 2018
	Presented at the State of Indo-Pacific Clean Energy Transition at CSIS Washington DC, United States, 26 September 2018
	Presented at the ASEAN Energy Business Forum 2018 on 'What Does It Take to Realise the ASEAN Power Grid' Singapore, Singapore, 29 October 2018
	Presented at Global Climate Politics and China's Role: Between Katowice and New York Shanghai, China, 22 February 2019
Dionisius NARJOKO	Participated in the 5th Meeting of the ASEAN Coordinating Committee on Micro, Small and Medium Enterprises (ACCMSME) Luang Prabang, Lao PDR, 2–6 April 2018
	Participated in the 14th IRSA International Conference Solo, Indonesia, 21–24 July 2018
	Participated in the 50th ASEAN Economic Ministers' (AEM) Meeting Singapore, Singapore, 26 August–1 September 2018
	Participated in the 16th EAEA International Convention at Taiwan University 26–28 October 2018, Taipei, Taiwan
	Participated in the First International Conference on Business Dynamics - Sunway College Kuala Lumpur, Malaysia, 26–27 November 2018
	Participated in the 'ASEAN Post 50 and Viet Nam' Symposium, organized by Ministry of Foreign Affairs Ha Noi, Viet Nam, 30 November 2018
Alloysius Joko PURWANTO	Chair at the 'Moving Towards Green Logistics in Indonesia', a workshop organized by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Jakarta, Indonesia, 7 February 2019

RESEARCHER	INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
Rashesh SHRESHTA	Presenter, 'Challenges and opportunities in the future world of work' at the 16th Economix Seminar Jakarta, Indonesia, 5 November 2018
	Presenter, 'Early life shocks, cognitive ability, and labor market outcomes in Indonesia' at the East Asian Economic Association Meetings Taipei, Taiwan, 27–28 October 2018
	Presenter, 'Early Life Exposure to Air Pollution, Cognitive Development, and Labor Market Outcomes' at the Forum Kajian Pembangunan Seminar, organized by SMERU Research Institute Jakarta, Indonesia, 25 October 2018
	Presenter, 'Early life shocks, cognitive ability, and labor market outcomes in Indonesia' at Asian Economic Panel: an Economic Forum Dedicated to Formulating the Best Practical Solutions Tokyo, Japan, 10–11 September 2018
	Presenter, 'Complementarity of ASEAN Efforts to Implement Safe Migration with GCM and SDGs' at Regional Multi-Stakeholders Forum: Responsible Business Conduct for Safe Labour Migration in ASEAN (Commentator), Manila, Philippines, 19-20 September 2018
	Discussant, 'First ASCC Consultative Meeting with Think Tanks in ASEAN Member States' at ASEAN Secretariat Jakarta, Indonesia, 21 February 2019
	Discussant, Coordination Meeting on Study on Migration/Urbanisation at ASEAN Secretariat Jakarta, Indonesia, 14 March 2019
	Presenter, ASEAN Joint Business Councils Meeting Innovation Working Group, JETRO Tokyo, Japan, 28 March 2019
Junichi WADA	Presenter at the Third Coordination Meeting and the Second Workshop on Study on Formation of the AGTP (ASEAN Generation and Transmission System Planning Institution) and ATSO (ASEAN Transmission System Operators Institution) Bangkok, Thailand, 3–4 April 2018
	Presenter at workshop on International Best Practices in Multilateral Power Trade Jakarta, Indonesia, 5 September 2018
	Presenter at the 22nd meeting ASEAN Power Grid Consultative Committee Bohol, Philippines, 27 November 2018
	Presenter at the 27th meeting of the HAPUA Working Committee Bohol, Philippines, 28 November 2018
	Presenter at the 34th meeting of the HAPUA council Bohol, Philippines, 29 November 2018
	Presenter at Joint Launching Workshop for Biomass Supply Chain for Power Generation and Transmission highway in GMS Bangkok, Thailand, 31 January 2019



RESEARCHER	INTERNATIONAL WORKSHOPS/CONFERENCE/LECTURES
Fauziah ZEN	Speaker, Roundtable ASEAN-China Jakarta, Indonesia, 9 April 2018
	Speaker and Event Manager, ASEAN-India 2nd Symposium on Blue Economy New Delhi, India, 18–19 July 2018
	Presenter, 'Quality Infrastructure and Pro-Poor PPP Framework' at the 14th International IRSA Conference Solo, Indonesia, 23-24 July 2018
	Speaker, ASEAN Single Aviation Market, organized by Bisnis Indonesia Jakarta, Indonesia, 5 September 2018
	Speaker, ASEAN Connectivity, at Thammasat University and JETRO Bangkok, Thailand, 7 November 2018
	Speaker, Indonesia-Japan Vision 2045, at Atmajaya University Indonesia Jakarta, Indonesia, 30 November 2018
	Luncheon Speech, Vietnam Business Forum 2018 Ha Noi, Viet Nam, 4 December 2018
	Speaker, UNESCAP workshop on Infrastructure Financing Challenges in Asia Pacific Bangkok, Thailand, 6 December 2018 Presenter, Expert Group Meetings 'Costing for SDGs', organized by UNESCAP Bangkok, Thailand, 7 December 2018



Annex H

Seminars and Symposia

DATE	EVENT	VENUE
4 October 2018	WTO Public Forum 'Trade 2030' Working Session 60 participants, co-organized with Institute of Developing Economics-Japan External Trade Organization (IDE-JETRO)	Geneva, Switzerland
7 October 2018	The 7th ERIA Editors' Roundtable: 'ASEAN and Indo-Pacific: Challenges Ahead' 50 participants, co-organized with the S. Rajaratnam School of International Studies (RSIS) and Nanyang Technological University	Singapore, Singapore
18 October 2018	ERIA's 10th Anniversary Symposium and Reception 200 participants, organized by ERIA	Tokyo, Japan
21-23 November 2018	The 6th ASIA Think Tank Summit 90 participants, co-organized with the Think Tanks and Civil Societies Program University of Pennsylvania (TTCSP)	Bali, Indonesia
8-9 December 2018	The High Level Seminar Project 2045 250 participants, co-organized with the United Nations Development Project (UNDP)	Jakarta, Indonesia
10 January 2019	The 4th Asia Cosmopolitan Awards Ceremony 400 participants, co-organized with Nara Prefecture Government	Nara, Japan
30 January 2019	Roundtable Discussion: 'New Global Era of Digital Economies' ~T20 Japan associated event~ 90 participants, co-organized with Institute of Developing Economics-Japan External Trade Organization (IDE-JETRO) and Research Institute of Economy, Trade & Industry (RIETI)	Jakarta, Indonesia
15 February 2019	ERIA 10th Anniversary / Prefectural University of Kumamoto International Symposium 300 participants, co-organized with Prefectural University of Kumamoto	Kumamoto, Japan





Annex I

Media Exposure

2018				
NO	TITLE OF NEWS OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAIL	DATE
1	Talk of the week: ERIA co-organizes ASEAN 50th anniversary symposium	The Jakarta Post	ERIA was mentioned	06 April
2	Diagnosing causes of inequality crucial for ASEAN	The Jakarta Post	Dr Rashesh Shrestha is the author	19 April
3	Equality of chances should be goal	Bangkok Post	Dr Rashesh Shrestha is the author	23 April
4	Malaysia's Election and Southeast Asia: Issues and Implications	The Diplomat	ERIA was mentioned	23 April
5	Interview with Dr Han Phoumin	APEC Oil and Gas Security Newsletter	Dr Han Phoumin was interviewed	29 April
6	SMEs' access to credit: Better, but not enough	Viet Nam News	ERIA was mentioned	01 May
7	Address inequality in ASEAN	Khmer Times	Dr Rashesh Shrestha is the author	08 May
8	Fighting chance for Malaysian opposition	Bangkok Post	Mr Kavi Chongkittavorn is the author	08 May
9	US-China trade war impacts on ASEAN	Jakarta Post	Mr Jaysa Prana is the author	14 May
10	Former Trade and Industry Secretary named head of ERIA	Manila Bulletin	Prof Nishimura was featured	27 May
11	Nishimura reappointed as president of ERIA	Jakarta Post	Prof Nishimura was featured	28 May
12	India and Indonesia can set the course for inclusive growth in Asia	Jakarta Post	Ms Anita Prakash is the author	30 May
13	How to save the planet while making a profit	The Nation	Dr Venkatachalam Anbumozhi is the author	07 June
14	Laos Announces Another Controversial Dam on the Mekong	VOA	Dr Han Phoumin was featured	18 June

2018				
NO	TITLE OF NEWS OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAIL	DATE
15	Driving structural change through global value chains integration	The European Sting	Dr Rebecca Fatima Sta Maria was featured	18 June
16	Can This Technology Reduce Coal Emissions by 97%?	Energy Watch	Dr Han Phoumin was featured	20 June
17	OPEC squabble impacts Southeast Asia	The ASEAN Post	Dr Han Phoumin was featured	21 June
18	Saving the planet and making profit	The Jakarta Post	Dr Venkatachalam Anbumozhi is the author	25 June
19	China's scrap plastic ban saddles neighbors with piles of problems	Nikkei Asian Review	Dr Michikazu Kojima was featured	26 June
20	Japanese Response to US-China Trade Tensions	Foreign Press Center Japan	Prof Fukunari Kimura was featured	27 June
21	Japan set to ratify revised TPP free trade deal two days before regional meeting on RCEP	The Straits Times	Prof Fukunari Kimura was featured	28 June
22	ERIA economic research body celebrates 10th anniversary, sets three key objectives	Vientiane Times	Prof Nishimura was featured	30 June
23	Govt to aid recycling of plastic waste	The Japan News	Dr Michikazu Kojima was featured	02 July
24	Lao Energy Statistics 2018 launched	Vientiane Times	Prof Nishimura and ERIA event were featured	03 July
25	Japan's globalisation strategy under pressure	East Asia Forum	Prof Fukunari Kimura is the author	03 July
26	'Without ASEAN, we would have no vision for the future'	ASIAN Geographic	Prof Hidetoshi Nishimura is the author	July Edition
27	OECD Development Centre pegs India's GDP growth at 7.4% this fiscal	The Hindu Business Line	ERIA's research finding was featured	16 July
28	'Second ASEAN-India workshop on blue economy held'	Vietnam Plus	ERIA's event was featured	18 July
29	Understanding China's Technological Rise	The Diplomat	Dr Yanfei Li is the author	03 August
30	Coming Clean	China Daily Asia Weekly	Dr Venkatachalam Anbumozhi was featured	12 August
31	Da Nang plans to become ASEAN logistics centre	Vietnam Plus	ERIA was mentioned	13 August



2018				
NO	TITLE OF NEWS OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAIL	DATE
32	Indonesia: 73 and stronger	The ASEAN Post	Prof Hidetoshi Nishimura was featured	17 August
33	Malaysia should ratify the CPTPP	The Star Online	Dr Rebecca Fatima Sta Maria is the author	17 August
34	Vietnam well placed to grow	Vietnam Net	Prof Hidetoshi Nishimura was featured	20 August
35	Laos dam disaster hasn't dampened region's thirst for hydropower	Eco-Business	Dr Han Phoumin was featured	21 August
36	Japan's engagement with Africa shows a long-term commitment to the continent	How we made it in Africa	ERIA's research contribution was featured	23 August
37	Indonesia Dorong Peningkatan Kerja Sama Ekonomi ASEAN	Swa.co.id	The ERIA 10th anniversary celebrations in Singapore	03 September
38	Indonesia Dorong Peningkatan Kemitraan Ekonomi ASEAN	Industry.co.id	The ERIA 10th anniversary celebrations in Singapore	04 September
39	Indonesia encourages increasing ASEAN economic partnership	Antara News	The ERIA 10th anniversary celebrations in Singapore	04 September
40	Mendag Ungkap 2 Kunci buat Kuasai Industri e-Commerce	Liputan 6	ERIA's contribution on ICCAP 2018: 'Strategy and Innovation of Trade in the Digital Economy Age' event, which was held by the Trade Analysis and Development Agency, Ministry of Trade Republic of Indonesia was featured	06 September
41	Strategi dan Inovasi Jadi Kunci Utama Rebut Pasar Niaga Elektronik	Kastara	ERIA's contribution on ICCAP 2018: 'Strategy and Innovation of Trade in the Digital Economy Age' event, which was held by the Trade Analysis and Development Agency, Ministry of Trade Republic of Indonesia was featured	06 September
42	Indonesia Seharusnya Jadi Leading Role di ASEAN Open Sky	Bisnis.com	Dr Fauziah Zen was featured	09 September

2018				
NO	TITLE OF NEWS OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAIL	DATE
43	Global Governance 2.0: Enriching the Regional Content in Global Development Programmes	The Global Governance Center blog	Anita Prakash is the author	10 September
44	Japan–EU agreement provides ballast amid the rising tides of protectionism	East Asia Forum	Prof Fukunari Kimura is the author	11 September
45	Energy-hungry Cambodia shows no sign of backing down on coal	Eco Business	Dr Han Phoumin was featured	13 September
46	Hydrogen on the rise as clean fuel	China Daily (Europe)	Dr Yanfei Li is the author	28 September
47	Hydrogen on the rise as clean fuel	China Daily (Africa)	Dr Yanfei Li is the author	28 September
48	Reshaping Indo-Pacific Cooperation	The Economic Times	ERIA was mentioned	29 September
49	SMEs' productivity: Better, but still limited	Viet Nam News	Dr Dionisius was featured	02 October
50	7th ERIA Editors' Roundtable 'ASEAN and Indo-Pacific: Challenges Ahead' held in Singapore	Arirang TV News	The 7th ERIA Editor's Roundtable was featured	07 October
51	ASEAN must act boldly to navigate US-China row: Bilahari	The Straits Times	The 7th ERIA Editor's Roundtable was featured	08 October
52	What heightened long-term competition between US and China means for ASEAN	TODAY Online	The 7th ERIA Editor's Roundtable was featured	08 October
53	Southeast Asia's economic success should not be in hands of US or China: Bilahari Kausikan	Mothership	The 7th ERIA Editor's Roundtable was featured	08 October
54	Short-term pain, long-term gain for RI	The Jakarta Post	Prof Nishimura, Dr Donny and Dr Fau are the author	09 October
55	United we stand	Business Mirror	The 7th ERIA Editor's Roundtable was featured	11 October
56	Malaysia seeks productivity gains with UNCTAD tool	UNCTAD Website	ERIA research activity was mention	12 October
57	Towards a strategic outlook for ASEAN	The Khmer Times	The 7th ERIA Editor's Roundtable was featured	15 October
58	Creating the virtuous circle	Bangkok Post	Dr Venkatachalam Anbumozhi was featured	15 October



2018				
NO	TITLE OF NEWS OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAIL	DATE
59	កម្ពុជា និងសមាជិកអាស៊ីខ្លះ រងការវិនិច្ឆ័យក្នុង Indo-Pacific	The Phnom Penh Post	The 7th ERIA Editor's Roundtable was featured	16 October
60	Asia-Europe Meeting in Brussels Brings Connectivity Into Focus	Sputnik News	Ms Anita Prakash was featured	19 October
61	Ekonom ERIA Optimis Ada Perbaikan Sistem Manajemen BPJS'	Akurat.co	The ERIA-Routledge Book Launch on 'Social Protection Goals in East Asia' was featured	19 October
62	Kunci Majunya Sumber Daya Manusia RI, Investasi Pendidikan	Viva News	The ERIA-Routledge Book Launch on 'Social Protection Goals in East Asia' was featured	19 October
63	Reform sought for social aid, subsidies	The Jakarta Post	The ERIA-Routledge Book Launch on 'Social Protection Goals in East Asia' was featured	22 October
64	The future of liquefied natural gas in Asia is now	The Japan Times	ERIA's workshop on 'LNG Market Development in Asia' was featured	21 October
65	Nuclear power points way to green future	China Daily	Dr Yanfei Li was featured	25 October
66	Nuclear power points way to green future	ECNS.cn	Dr Yanfei Li was featured	25 October
67	ASEAN Needs To Deepen Integration In The Face Of Trade Protectionism	Saigon Times Weekly	The 7th ERT was featured	01 November
68	What is needed to push geothermal development for power and direct use in Asia?	Think Geo Energy	ERIA's new research project was featured	01 November
69	Workshop focusses on transition to green buildings	Borneo Bulletin	Mr Shigeru Kimura was featured	04 November
70	ASEAN SME Policy Index 2018, Myanmar National Dissemination Seminar	Myanmar SME Development Agency's official website	Ms Rahmasari Istiandari was featured	02 November
71	Thailand gets ready to take ASEAN chair	Bangkok Post	ERIA's research project on the ASEAN Vision 2040 was featured	13 November

2018				
NO	TITLE OF NEWS OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAIL	DATE
72	Propane usage on the rise	The Khmer Times	Mr Shigeru Kimura was featured	14 November
73	Dr Mahathir: ASEAN must not resort to protectionism	Malaysian Reserve	ERIA's research activities were featured	14 November
74	Former Miti sec-gen is first woman to lead APEC Secretariat	The Star Online	Dr Rebecca Fatima Sta Maria was featured	15 November
75	Perspectives on Mekong-Japan cooperation for inclusive growth and mutual benefits	ADB Blog: Asia Pathways	Dr Han Phoumin is the author	16 November
76	US-China trade war and Brexit expose 'complexity' of global trade	The Irish Times	Prof Fukunari Kimura was featured	19 November
77	MSME digitalization can drive inclusive growth	Sun Star	ERIA's executive summary was featured	28 November
78	ASEAN pays tribute to late Secretary-General Surin Pitsuwan	Vietnam Plus	Dr Surin Pitsuwan's Tribute Forum was featured	03 December
79	Sekretariat ASEAN Mengenang Meninggalnya Surin Pitsuwan	Gatra online	Dr Surin Pitsuwan's Tribute Forum was featured	03 December
80	Mengenang Satu Tahun Wafatnya Mantan Sekjen ASEAN Surin Pitsuwan	Tempo online	Dr Surin Pitsuwan's Tribute Forum was featured	03 December
81	Managing the G20's relevance: Japan's presidential agenda	The Japan Times	Dr Venkatachalam Anbumozhi is the author	04 December
82	ESCAP Estimating Total Investments Needed to Achieve SDGs	SDG Knowledge Hub	ERIA was mentioned	04 December
83	ASEAN pays tribute to late Secretary-General Surin Pitsuwan	SGGP Online	Dr Surin Pitsuwan's Tribute Forum was featured	04 December
84	Under Khun Surin, ASEAN 'flourished' with activism	The Jakarta Post	Dr Surin Pitsuwan's Tribute Forum was featured	04 December
85	Surin Pitsuwan's Passion for ASEAN Serves as Inspiration for Bloc's Future	Jakarta Globe	Dr Surin Pitsuwan's Tribute Forum was featured	06 December
86	Saran BI Agar Ekonomi Indonesia Minim Gejolak	Republika	ERIA-BAPPENAS High-level Policy Roundtable was featured	06 December



2018				
NO	TITLE OF NEWS OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAIL	DATE
87	Pemerintah Turunkan Target RPJMN Pertumbuhan Ekonomi	Tempo online	ERIA-BAPPENAS High-level Policy Roundtable was featured	06 December
88	Ekonom Prediksi Ekonomi Indonesia 2019 Tumbuh 5,18 Persen	Tempo online	ERIA-BAPPENAS High-level Policy Roundtable was featured	06 December
89	UNDP-ERIA Gelar Seminar Soroti Kerja Sama Indonesia-Jepang	Republika	ERIA event on High-level Seminar of Project 2045 was featured	08 December
90	Bappenas: 2045, Posisi Indonesia dan Jepang akan Seajar	Republika	ERIA event on High-level Seminar of Project 2045 was featured	08 December
91	Wapres JK Usulkan Tinjauan Berkala Proyek 2045	Warta Ekonomi	ERIA event on High-level Seminar of Project 2045 was featured	08 December
92	Wapres Terima Hasil Project 2045 Indonesia-Jepang	RMOL.Co	ERIA event on High-level Seminar of Project 2045 was featured	08 December
93	Wapres usulkan tinjauan berkala proyek 2045	Elshinta	ERIA event on High-level Seminar of Project 2045 was featured	08 December
94	Wapres JK usulkan tinjauan berkala proyek 2045	Antara News	ERIA event on High-level Seminar of Project 2045 was featured	08 December
95	Indonesia-Japan 2045 project needs to be reviewed periodically: VP	Antara News	ERIA event on High-level Seminar of Project 2045 was featured	09 December
96	Indonesia-Japan 2045 Project Need to be Reviewed Periodically: VP	Tempo English	ERIA event on High-level Seminar of Project 2045 was featured	09 December
97	Proyek 2045 Perkuat 60 Tahun Kerjasama Indonesia-Jepang	MinaNews	ERIA event on High-level Seminar of Project 2045 was featured	09 December
98	Menperin Minta Perguruan Tinggi Buat Lokakarya Pertumbuhan Wirausaha	Breakingnews.co.id	ERIA event on High-level Seminar of Project 2045 was featured	09 December

2018				
NO	TITLE OF NEWS OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAIL	DATE
99	Menperin Ingin Struktur Industri Manufaktur Diperdalam	Akurat.co	ERIA event on High-level Seminar of Project 2045 was featured	09 December
100	60 Tahun Hubungan Jepang-Indonesia, Putra Aceh Ini Terima Penghargaan dari Menlu Jepang	Tribun News	ERIA event on High-level Seminar of Project 2045 was featured	09 December
101	Putra Aceh Dapat Penghargaan Menlu Jepang	Tribun News	ERIA event on High-level Seminar of Project 2045 was featured	10 December
102	RI-Jepang Hasilkan Pemahaman Bersama Di Seminar Tingkat Tinggi Project 2045	RMOL.Co	ERIA event on High-level Seminar of Project 2045 was featured	10 December
103	Japan, RI unveil Project 2045 details	The Jakarta Post	ERIA event on High-level Seminar of Project 2045 was featured	10 December
104	RI-Jepang Buat Cetak Biru Relasi 2045	KOMPAS	ERIA event on High-level Seminar of Project 2045 was featured	10 December
105	What Are the Stakes for ASEAN in Paris 2.0/COP24?	Brink Asia	Dr Venkatachalam Anbumozhi is the author	12 December
106	Tariffs a threat to clean energy future of Asia	China Daily	Dr Venkatachalam Anbumozhi is the author	14 December
107	Lessons learned from French fuel price hike	The Jakarta Post	Dr Alloysius Joko Purwanto is the author	17 December
108	Indonesia-EFTA: Step toward Euro market	The Jakarta Post	Dr Lili Yan Ing is the author	17 December

2019				
NO	TITLE OF NEWS OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAIL	DATE
109	Shifting economic gears'	Millennium Post	ERIA was mentioned	08 January
110	'Surin receives memorial award'	The Nation	The 4th Asia Cosmopolitan Award was featured	09 January



2019				
NO	TITLE OF NEWS OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAIL	DATE
111	Former Secretary General of ASEAN, Dr Surin receives memorial award	Eleven Myanmar	The 4th Asia Cosmopolitan Award was featured	10 January
112	'New book on climate change and sub-Saharan Africa'	EurekAlert!	Dr Venkatachalam Anbumozhi was featured	11 January
113	Late statesman Surin honoured for ASEAN contribution	Bangkok Post	The 4th Asia Cosmopolitan Award was featured	12 January
114	The significance of ASEAN's retreats	Bangkok Post	ERIA's study on 'ASEAN Vision 2040', was mentioned	15 January
115	ASEAN industrial 4.0 plan first priority for Thailand	The Nation	ERIA's research activity was featured	15 January
116	ASEAN industrial 4.0 plan first priority for Thailand	Eleven Myanmar	ERIA's research activity was featured	15 January
117	ASEAN industrial 4.0 development plan Thailand's principal priority	The Phnom Penh Post	ERIA's research activity was featured	16 January
118	Mari Elka: Produktivitas Sektor Jasa RI Rendah	CNBC Indonesia	Dr Dionisius Narjoko was featured	16 January
119	Peneliti Sebut Pembukaan Sektor Jasa untuk Asing Bisa Dongkrak PDB 2%	KataData	Dr Dionisius Narjoko was featured	16 January
120	Tekan Defisit, Indonesia Perlu Pacu Ekspor Jasa	KOMPAS	Dr Dionisius Narjoko was featured	17 January
121	Down to work: ASEAN foreign ministers focus on trade, humanity, crime (video)	AEC News Today	ERIA's study on 'ASEAN Vision 2040', was mentioned	19 January
122	Empowering a region	Bangkok Post	ERIA was mentioned	21 January
123	De technologische Koude Oorlog (in Dutch)	De Groene Amsterdammer	Dr Yanfei Li was featured	23 January
124	Plus Minus Kendaraan Listrik di Indonesia	Detik.co	ERIA research finding was mentioned	29 January
125	Efektivitas Mobil Listrik Bergantung pada Subsidi di Indonesia	KOMPAS	ERIA research finding was mentioned	30 January

2019				
NO	TITLE OF NEWS OR ARTICLE	MEDIA WHERE IT APPEARED	EVENT/DETAIL	DATE
126	Masih Bersumber Batu Bara, Mobil Listrik Ramah Lingkungan?	Liputan 6	ERIA research finding was mentioned	30 January
127	Insight: US-China trade war has done Indonesia more good than harm	The Jakarta Post	Dr Lili Yan Ing is the author	06 February
128	Plastic Marine Litter and the Circular Economy	Antara News	Dr Michikazu Kojima was featured	06 February
129	ASEAN credibility at stake if RCEP not included this year, forum hears	The Nation	ERIA's event was featured	12 February
130	ASEAN credibility at stake if RCEP not included this year, forum hears	Thaivisa	ERIA's event was featured	12 February
131	Malaysia boasts having the best SME institutional framework in ASEAN	The Ministry of Entrepreneurs Development (MED) of Malaysia	ERIA's research contribution was featured	12 February
132	Indonesia and Japan: Role models in bilateral relations	The Jakarta Post	Ms Cantika Rustandi is the author	13 February
133	'Fanciful' to say Honda didn't consider Brexit when closing Swindon	The Guardian	Prof Fukunari Kimura was featured	20 February
134	Unspoken challenges of ASEAN	The Jakarta Post	ERIA's event was featured	21 February
135	[OPINION] Thailand puts its spice in ASEAN 2019	Rappler	ERIA's study on 'ASEAN Vision 2040' was mentioned	23 February
136	Unspoken challenges of ASEAN: Jakarta Post contributor	The Straits Times	ERIA's event was featured	24 February
137	Time for bolder steps from ASEAN	East Asia Forum	Dr Ponciano S. Intal Jr is the author	24 February
138	Can infrastructure PPPs help the poor?	Asian Development Blog	Dr Fauziah Zen is the author	1 March
139	Ministers vow to conclude talks on Asia-Pacific trade pact in 2019	China Daily	Izuru Kobayashi was featured	5 March
140	ASEAN task force aims for consensus on joining trade pacts	The Nation	ERIA's research activity on NTM was featured	15 March
141	ASEAN promotes sustainable infrastructure connectivity	Vietnam Plus	ERIA's research activity was featured	27 March



Books

NO	TITLE	AUTHOR(S)	ISBN
1	Brussels Report on Strengthening Asia Europe Connectivity Drawing Synergy from Global Development and Governance Programmes	Edited by Anita Prakash	978-602-5460-07-4
2	Cambodia Basic Energy Plan	Prepared by The General Department of Energy with input from the General Department of Petroleum, Ministry of Mines and Energy of Cambodia	978-602-5460-12-8
3	Distributed Energy System in Southeast Asia	By Han Phoumin, Shigeru Kimura, Saleh Abdurrahman, Jiraporn Sirikum, Lana Rose A. Manaligod, and Zaharin Zulkifli	978-602-5460-04-3
4	Energising Connectivity between Northeast India and its Neighbours	Edited by Venkatachalam Anbumozhi, Ichiro Kutani and Mahendra, P. Lama	978-602-5460-10-4
5	Energy Outlook and Energy Saving Potential in East Asia 2019	Edited by Shigeru Kimura and Han Phoumin	978-602-5460-11-1
6	Industry 4.0: Empowering ASEAN for the Circular Economy	Edited by Venkatachalam Anbumozhi and Fukunari Kimura	978-602-5460-09-8
7	Innovation Policy in ASEAN	Edited by Masahito Ambashi	978-602-5460-03-6
8	Integrated Space-Based Geospatial System: Strengthening ASEAN's Resilience and Connectivity	By Ryosuke Shibasaki, Takayoshi Fukuyo, Hiroyuki Miyazaki, Quentien Verspieren, and Venkatachalam Anbumozhi	978-602-5460-05-0
9	Lao PDR Energy Statistics 2018	Prepared by Ministry of Energy and Mines, Lao PDR	978-602-5460-02-9
10	Myanmar Energy Statistics 2019	Prepared by The Oil and Gas Planning Department, Ministry of Electricity and Energy of the Union of Myanmar	978-602-5460-13-5
11	Reducing Unnecessary Regulatory Burdens in ASEAN Country Studies	Edited by Jeremy Gross and Ponciano Intal, Jr.	978-602-5460-08-0

Research Project Reports

NO	TITLE	AUTHOR(S)	NUMBERS
1	2017 Progress Survey Report of Infrastructure Projects in CADP 2.0	Edited by Takafumi Fujisawa and Kazuaki Yamamoto	ERIA Research Project Report 2017-01
2	An Analysis of Alternative Vehicles' Potential and Implications for Energy Supply Industries in Indonesia	Edited by Shigeru Kimura	ERIA Research Project Report 2017-15
3	An International Analysis of Public Acceptance of Nuclear Power	Edited by Tomoko Murakami and Venkatachalam Anbumozhi	ERIA Research Project Report 2017-03
4	Assessment of Electricity Storage Technology for Solar PV	Edited by Sichao Kan, Yoshiaki Shibata, and Ichiro Kutani	ERIA Research Project Report 2017-13
5	Assessment of Necessary Innovations for Sustainable Use of Conventional and New-Type Geothermal Resources and their Benefits in East Asia	Edited by Kasumi Yasukawa and Venkatachalam Anbumozhi	ERIA Research Project Report 2017-07
6	Assessment of Readiness for Fossil Fuel Import Disruption	Edited by Tsunaeki Nakamur, Shim Jun Youn, and Ichiro Kutani	ERIA Research Project Report 2017-06
7	Comparative Analysis of Power Prices in the Philippines and Selected ASEAN Countries	Edited by Emiri Yokota and Ichiro Kutani	ERIA Research Project Report 2017-12
8	Cross-border Transport Facilitation in Inland ASEAN and the ASEAN Economic Community	Edited by Masami Ishida	ERIA Research Project Report 2017-18
9	Electricity Futures in the Greater Mekong Subregion: Towards Sustainability, Inclusive Development, and Conflict Resolution	Edited by Hisashi Yoshikawa and Venkatachalam Anbumozhi	ERIA Research Project Report 2017-08
10	Formulation of Temburong Eco Town Master Plan in Brunei Darussalam	Nikkei Sekkei Civil Engineering Ltd.	ERIA Research Project Report 2017-11
11	Liquefied Natural Gas Demand in Asia	Edited by Yoshikazu Kobayashi and Yanfei Li	ERIA Research Project Report 2017-05
12	Natural Gas Master Plan for Myanmar	Edited by Yoshikazu Kobayashi and Han Phoumin	ERIA Research Project Report 2017-17
13	Potential of Oil Stockpiling at Oil Terminals in Southeast Asia	Edited by Shigeru Kimura and Tetsuo Morikawa	ERIA Research Project Report 2017-04
14	Rethinking Migration Governance in the Mekong Region: From the Perspective of the Migrant Workers and Their Employers	Edited by Naomi Hatsukano	ERIA Research Project Report 2017-19
15	Seeking Optimal Solutions for Delivering Liquefied Natural Gas to Mid-Sized and Large Islands in the Philippines	Edited by Shigeru Kimura	ERIA Research Project Report 2017-14
16	Simulation Study on Energy Mix for Power Generation in Temburong Eco Town	Edited by Shigeru Kimura	ERIA Research Project Report 2017-02



Research Project Reports (cont.)

NO	TITLE	AUTHOR(S)	NUMBERS
17	Study of Renewable Energy Potential and Its Effective Usage in East Asia Summit Countries	Makoto Toba, Shinichi Goto, Shoichi Ichikawa, Nuwong Chollacoop and Venkatachalam Anbumozhi	ERIA Research Project Report 2017-09
18	Sustainable Development of the Transport: Malaysia	Edited by Hiroshi Kondo and Ichiro Kutani	ERIA Research Project Report 2017-10
19	Vehicle Recycling in the ASEAN and other ASEAN Countries	Edited by Michikazu Kojima	ERIA Research Project Report 2017-16

Discussion Papers

NO	TITLE	AUTHOR(S)	ISBN
1	Are Production Networks Passé in East Asia? Not Yet	Ayako Obashi and Fukunari Kimura	Discussion Papers 2018-03
2	Can Indonesia Secure a Development Divided from its Resource Export Boom?	Rashesh Shrestha and Ian Coxhead	Discussion Papers 2018-04
3	China's Processing Trade and Value Chains	Lili Yan Ing, Wei Tian, Miaojie Yu	Discussion Papers 2018-02
4	Division of Labour Amongst Innovation Intermediaries in Agricultural Innovation Systems: The Case of Indonesia	Nobuya Fukugawa, Masahito Ambashi and Yuanita Suhud	Discussion Papers 2018-06
5	Economic Potential of the Vientiane–Ha Noi Expressway Based on Experience of the Mekong Region	Masami Ishida	Discussion Papers 2018-11
6	Entering the Export Market: Do Trade Missions Help?	Alfons Palangkaraya and Elizabeth Webster	Discussion Papers 2018-15
7	Exchange Rate Movements, Exporting by Japanese firms, and the Role of R&D and Global Outsourcing	Tomohiko Inui and Young Gak Kim	Discussion Papers 2018-19
8	Exporter Dynamics and Productivity Dispersion within Industry	Keiko Ito	Discussion Papers 2018-20
9	Export Dynamics and the Invoicing Currency	Kazunobu Hayakawa, Toshiyuki Matsuura, Nuttawut Laksanapanyakul, and Taiyo Yoshimi	Discussion Papers 2018-14
10	Failure of an Export Promotion Policy? Evidence from Bonded Zones in Indonesia	T Yudo Wicaksono, Carlos Mangunsongand Titik Anas	Discussion Papers 2018-16

NO	TITLE	AUTHOR(S)	ISBN
11	Imported Intermediate Inputs and Plants' Export Dynamics: Evidence from Indonesian Plant-product-level Data	Sadayuki Takii	Discussion Papers 2018-13
12	Innovation Process in Public Research Institute: Case Studies of AIST, Fraunhofer, and ITRI	Byeongwoo Kang	Discussion Papers 2018-10
13	Multi-product Firms, Tariff Liberalisation, and Product Churning in Vietnamese Manufacturing	Ha Thi Tan Doan	Discussion Papers 2018-08
14	Product Innovation, Exporting, and Foreign Direct Investment: Theory and Evidence from China	Sizhong Sun	Discussion Papers 2018-17
15	Regulatory Dissimilarity: A First Look at the Newly Collected Non-Tariff Measures Database	Kaoru Nabeshima and Ayako Obashi	Discussion Papers 2018-12
16	Technical Change, Exports, and Employment Growth in China: A Structural Decomposition Analysis	Ha Thi Tan Doan and Trinh Quang Long	Discussion Papers 2018-09
17	The Exchange Rate and Exporting: Evidence from the Indonesian Manufacturing Sector	Chandra Tri Putra and Dionisius Narjoko	Discussion Papers 2018-18
18	Technoeconomic Assessment of Microgrids in Myanmar	Masako Numata, Masahiro Sugiyama, Gento Mogi, Wunna Swe and Venkatachalam Anbumozhi	Discussion Papers 2018-05
19	The Eurasian Land Bridge: The Role of Service Providers in Linking the Regional Value Chains in East Asia and the European Union	Richard Pomfret	Discussion Papers 2018-01
20	Quantitative Assessment of the Impact of EMS Standards on the Firms' Attitude towards Product Safety	Duong Lan Huong, Tsunehiro Otsuki and Etsuyo Michida	Discussion Papers 2018-07

Policy Brief

NO	TITLE	AUTHOR(S)	ISBN
1	Asia Africa Growth Corridor: Development Cooperation and Connectivity in Indo-Pacific	Anita Prakash	ERIA Policy Brief 2018-03
2	Balancing Investment and Development Assistance in Africa: Growth Prospects from Asia-Africa Connectivity	Anita Prakash	ERIA Policy Brief 2018-01
3	Infrastructure and Industrialisation: Ensuring Sustainable and Inclusive Growth in Africa	Anita Prakash	ERIA Policy Brief 2018-02



Co-publications

NO	TITLE	EDITORS	PUBLISHERS	ISBN
1	ASEM Connectivity Inventory	Maaïke Okano-Heijmans Anita Prakash, Wouter Zweers, Brigitte Dekker	Clingendael and ERIA	-
2	Emerging Global Trade Governance Mega Free Trade Agreements and Implications for ASEAN	Lurong Chen, Shujiro Urata, Junji Nakagawa and Masahito Ambashi	Routledge	978-113-84-8476-4
3	Globalization of Low-Carbon Technologies The Impact of the Paris Agreement	Venkatachalam Anbumozhi and Kaliappa Kalirajan	Springer	978-981-10-4901-9
4	SME Policy Index: ASEAN 2018: Boosting Competitiveness and Inclusive Growth	OECD and ERIA	OECD Publishing	ISSN online: 24136883
5	Social Protection Goals in East Asia Strategies and Methods to Generate Fiscal Space	Mukul G. Asher, Fauziah Zen and Astrid Dita	Routledge	978-131-52-3234-8
6	Report of Project 2045 for 'Joint Partnership' towards Our Common Future: A Joint Project of Two Maritime Democracies	UNDP and ERIA	UNDP and ERIA	-
7	World Trade Evolution Growth, Productivity and Employment	Lili Yan Ing and Miaojie Yu	Routledge	978-113-84-8003-2



Annex K

Capacity Building

DATE	EVENTS	PLACE	ORGANIZER	SUPPORTER
19–20 April 2018	Dialogue: Parliamentarians Supporting the 'Quiet Revolution' for Better Regulatory Governance	Jakarta, Indonesia	ERIA, AIPA	ERIA
30 April 2018	Services Supply Chains: Implications and Opportunities for Regional FTAs Workshop	Bangkok, Thailand	ERIA	ERIA, Government of Australia
1 May 2018	Technical Workshop IV on Global Production Value Chain, Cities and Urban Amenities	Bangkok, Thailand	ERIA	ERIA, Government of Australia
9 May 2018	National Roundtable Dialogue on: Reducing Unnecessary Regulatory Burdens - Findings from Brunei Case Study	Bandar Seri Begawan, Brunei Darussalam	ERIA, UBD School of Business and Economics, Universiti Brunei Darussalam (ERIA
16 May 2018	National Roundtable Dialogue on: Reducing Unnecessary Regulatory Burdens - Findings from Lao PDR Case Study	Vientiane, Lao PDR	ERIA, Ministry of Industry and Commerce	ERIA, Government of Australia
18 May 2018	National Roundtable Dialogue on: Reducing Unnecessary Regulatory Burdens: Findings from Myanmar Case Study	Yangon, Myanmar	ERIA, Ministry of Planning and Finance	ERIA, Government of Australia
21 May 2018	National Roundtable Dialogue on: Reducing Unnecessary Regulatory Burdens: Findings from Cambodia Case Study on Food-Processing	Phnom Penh, Cambodia	ERIA, Ministry of Commerce	ERIA, Government of Australia
22 May 2018	Final Capacity Building Workshop on Sustainable Development and Policy Modelling Workshop	Phnom Penh, Cambodia	ERIA, Ministry of Economy and Finance	ERIA, Government of Australia
11 June 2018	Final Capacity Building Workshop on Sustainable Development and Policy Modelling	Vientiane, Lao PDR	ERIA, Ministry of Planning and Investment	ERIA, Government of Australia
30–31 August 2018	Stakeholder Engagement Workshop on Roadmaps for Disaster Resilience and Climate Change Adaptation	Siem Reap, Cambodia	ERIA	ERIA
13–16 November 2018	First Capacity Building Workshops for Cambodia Government Officials: Inclusive and Sustainable Development in an Open Economy Policy Modelling Workshop (2018-2019)	Phnom Penh, Cambodia	ERIA, Ministry of Economy and Finance, Ministry of Commerce	ERIA, Government of Australia



Annex K - Capacity Building

DATE	EVENTS	PLACE	ORGANIZER	SUPPORTER
19–20 November 2018	National Workshop on Addressing NTM and NTR for Greater Asian Economic Integration	Siem Reap, Cambodia	ERIA, Ministry of Commerce	ERIA, Government of Australia
19–20 December 2018	Utilization of Free Trade Agreements: Impact on Economy and Industries at Viet Nam	Ha Noi, Viet Nam	ERIA, Ministry of Industry and Trade	ERIA
24 January 2019	Baseline Study on Regulatory Management Systems (RMS) Questionnaire Workshop	Jakarta, Indonesia	ERIA	ERIA, Government of Australia
2–3 February 2019	Technical Workshop on Cities, Urban Amenities and Global Production Value Chain: New Developments in Trade and Services Liberalization in East Asia and ASEAN	Jakarta, Indonesia	ERIA	ERIA, Government of Australia
8 February 2019	Ways Forward to Develop Industrial Parks and Special Economic Zones in Lao PDR	Vientiane, Lao PDR	ERIA, Ministry of Industry and Commerce	ERIA
4–5 March 2019	Workshop on Trade in Services Agreement (Negative List Approach)	Ha Noi, Viet Nam	ERIA, Ministry of Industry and Trade	ERIA, Government of Australia
21–22 March 2019	Capacity Building on Domestic Consultations in RFAs/FTAs Negotiation	Ha Noi, Viet Nam	APEC	ERIA