

HIGH LEVEL SEMINAR ON SUSTAINABLE CITIES

UNDER THE FRAMEWORK OF THE EAST ASIA SUMMIT
ENVIRONMENT MINISTERS MEETING



The Activities of Regional Knowledge Centre on Marine Plastic Debris (RKC-MPD)

29 September 2020

(Segment 1: Progress of the SDGs at Local Level)

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What is ERIA? ---- Support the Chair of ASEAN

- **The establishment of ERIA** was agreed upon by the leaders **at the 3rd East Asia Summit in 2007.**
(EAS in 2007: ASEAN, Australia, China, India, Japan, Republic of Korea, New Zealand)
- Since then, **ERIA and its contributions have been continuously referred in EAS Statements.**
- **ERIA is encouraged by EAS to support the Chair of ASEAN and the East Asia Summit.**



Excerpt from Chairman's Statement of the 3rd East Asia Summit in Singapore, 2007

13. We agreed to the establishment of the Economic Research Institute of ASEAN and East Asia (ERIA) to be accommodated temporarily at the ASEAN Secretariat.

Excerpt from Chairman's Statement of the 14th East Asia Summit in Bangkok, 2019

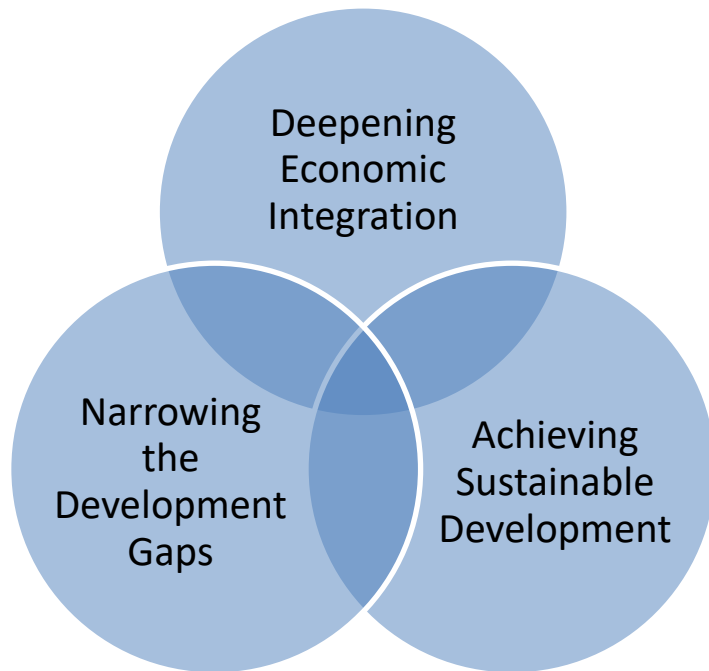
21. We encouraged ERIA to continue providing support for the Chair of the ASEAN Summit and the East Asia Summit and targeted high-quality research and actionable policy recommendations on topics that highlight and address the region's challenges to EAS Economic Ministers.

The Role of ERIA ---- Support the Chair of ASEAN

- Based on the requests from ASEAN and East Asia Summits, and Ministerial meetings, ERIA provides policy research and recommendations.
- In cooperation with each member state (especially the chair country of ASEAN), ERIA develops research, create economic development plans.



ERIA's Research Field



ASEAN and East Asia Economic Integration

Trade and Investment (FTA Research)

NTMs and Good Regulatory Practice

Infrastructure Development (Connectivity)

Innovation and Industrial Development

Energy Related Issues

Waste Management , Marine Plastic Debris

Developing the Resilience and Disaster Management

Healthcare and Long Term Care Policy

Agriculture (Food Value Chains)

ERIA's Research on Environmental Field

- ◆ ERIA has conducted some research on waste management, recycling, and circular economy.
 - Kojima, M.(eds) *3R Policies for Southeast and East Asia*, ERIA, 2010.
 - Anbumozhi, V and J. Kim (eds) *Towards Circular Economy: Corporate Management and Policy Pathways*, ERIA, 2016.
 - Anbumozhi, V and F. Kimura (eds) *Industry 4.0: Empowering ASEAN for Circular Economy*, ERIA, 2018.
- ◆ Recent and ongoing research project
 - Regional Waste Management
 - International Trade of Recyclable Waste

Establishment of RKC-MPD

- ◆ With support of Ministry of Environment, Japan, ERIA established Regional Knowledge Centre for Marine Plastic Debris (RKC-MPD) in October 2019 .
 - Website: <https://rkcmpd-eria.org/>
 - For the first step, we collected relevant regulations, and action plans/roadmaps in ASEAN +3 countries.
 - ERIA put collected information on the website, to share practices in the region. We are working to enrich the contents of website.



Picture: ASEAN Plus 3 Ministers of Environment Meeting in Siem Reap, October 2019

Regional Knowledge Centre For Marine Plastic Debris

Overview

The Regional Knowledge Center (RKC) is an **information clearinghouse** regarding marine plastic in APT countries.

<Purpose>

1. Networking and raising awareness
2. Promoting innovative actions in each country
3. Facilitating national and regional cooperation

Implementation Framework

Secretariat: To be established at **ERIA**

Task manager: To be hired in charge of information collection, communication and coordination among stakeholders

Knowledge Center
Secretariat (ERIA)
Task manager

Information
exchange

ASEAN +3 Member States

Information
exchange

International
organizations
World Bank, ADB,
COBSEA (UNEP/ROAP)



Economic Research Institute for
ASEAN and East Asia

Major Activities

Development of RKC Foundation

Identify **focal ministries and agencies** in member states

Establish **network of relevant organizations**

Collection and Analysis of information

Review and share **good practices and relevant policies**

- Policies and initiatives
- Material flows and monitoring methodologies
- Best practices and innovative solutions



Knowledge Sharing

Develop **website**

Decrease
leakage

Raising Awareness and Capacity Building



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CHAIRMAN'S STATEMENT OF THE 22ND ASEAN PLUS THREE SUMMIT

In BANGKOK/NONTHABURI, Thailand on 4 NOVEMBER 2019

- ◆ 24. We called for development of collaborative projects to protect and conserve the environment and biodiversity, to promote sustainable use as well as the fair and equitable sharing of benefits from the utilisation of natural resources, including water resource management, and to address the impact of climate change and the issue of marine plastic debris. **“We welcomed the progress of “APT Marine Plastic Debris Cooperative Action Initiative,” such as the establishment of Regional Knowledge Centre for Marine Plastic Debris operated by the Economic Research Institute for ASEAN and East Asia (ERIA)”**

Top Page of RKC-MPD



REGIONAL KNOWLEDGE CENTRE
FOR MARINE PLASTIC DEBRIS

ABOUT

GOOD PRACTICES

PUBLICATIONS

EVENTS

UPDATES



ERIA REGIONAL KNOWLEDGE CENTRE FOR MARINE PLASTIC DEBRIS



ERIA is Celebrating The Earth Day 2020

22 April 2020

In honour of Earth Day 2020, ERIA presents a 3-minute primer on marine plastic debris in ASEAN+3 countries. The video also provides an insight into ERIA's Regional Knowledge Centre for Marine Plastic Debris launched on 1 October 2019.

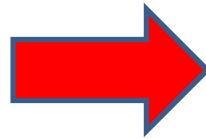
[Learn More](#) →

ABOUT US

Website: <https://rkcmpd-eria.org/>

Structure of RKC-MPD Website

- About
- Good Practices
 - National Framework to Tackle Marine Plastic Debris
 - Government Initiative
 - By topics: Reduction, Waste Management, Recycling, Waste collection from Rivers, Beaches and oceans
 - Scientific Knowledge
 - Voluntary Initiative
- Publications
- Events
- Updates



To be
developed

- Ministries and Coordination Mechanism
- National Laws and Regulation
- Action Plans and Roadmaps
- Local Regulations
- International Agreement
 - COBSEA
 - ASEAN Initiative
 - London Convention
 - Basel Convention
 - MARPOL

By country

SDGs and Marine Plastic Issues

- ◆ The marine issues are listed under the number 14 of SDGs, but in order to cope with this problem, we need to consider the relationships with other GOALS.
- ◆ Multi-stakeholder partnership is one of the key to cope with this problem.



SDGs and Marine Plastic Issues

- ◆ The issue of marine plastic debris is regarded as a global environmental problem; however we need to strengthen partnerships both globally and locally.
- ◆ Various local stakeholders are closely related with this topic.

Activity	Stakeholders								
	Local government		Port authority	Shops, restaurant, and hotels	Producers	Recyclers	Local communities and organisations	Fisherfolk	Tech-company
	Municipal government	Inter-municipal cooperation							
Reducing the amount of production and consumption									
Ban of single-use plastics									
Use of recyclable plastics									
Recycling									
Buyback centre, the waste bank									
Collection program									
Source separation									
Waste management									
Proper waste treatment and disposal									
Port waste collection									
Collection of waste from the environment									
Sea-based waste collection									
Utilisation of ICTs									

Most responsible stakeholder

Responsible stakeholder



Source: Kojima et al., (2020) (forthcoming)

Activities of RKC-MPD

Capacity development of governments of ASEAN countries and support for policy formulation

- WS on policy formulation and implementation (to be held for persons in charge of policies related to various policy areas)

Information sharing
on the website

Information sharing for international frameworks or initiatives

- Communicating integrated information to various intentional frameworks
i.e.) G7, G20, OECD, UN, COBSEA

Capacity development on information administration, research, and investigation that contribute to policy formulation

- Capacity building on development statistical information on plastic debris and solid waste that would contribute to the policy support
- **WS to integrate scientific statistical information in the region**
(Creation of data-sharing infrastructure)
- **Establishment of working group for priority area of data and knowledge**
i.e.) Analysis of policy options taking into account covid-19 impact

Information sharing to raise awareness and to promote efforts taken by private sector and citizens

- Providing information on policies for private sector
- Sharing good practice of companies
- Awareness rising among citizens by video contents

Formulation and strengthen structure of RKC-MPD

■ Strengthening the internal structure

Strengthen and expand number and specialty of RKC-MPD staffs



Strengthen cooperation

IGES

Role as a
Network hub

■ Networking between ASEAN and target countries

Participation in ASEAN WG, identification focal ministries and setting of focal points of dialogue, conducting dialogue with each country

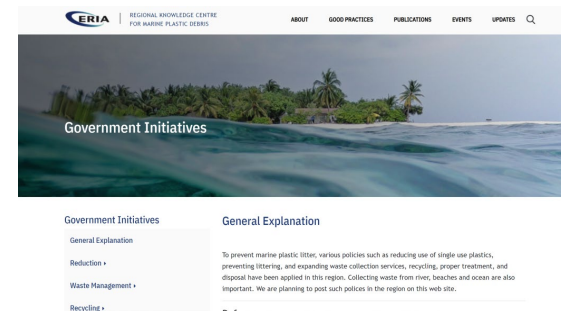
■ Strengthening of cooperation with related organizations

Implantation of network meetings with research institutions, and with major international organizations in each country.

Activities of RKC-MPD

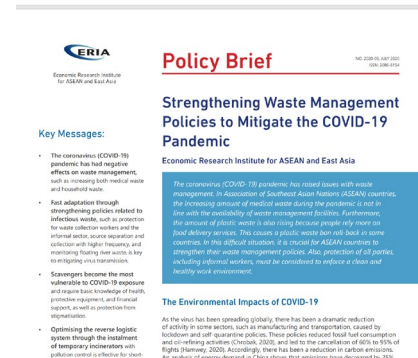
■ website as an information sharing platform (<https://rkcmpd-eria.org/>)

- Laws, ordinances and plans
- Good practices such as waste management/recycling
- Scientific knowledge
- Creation of the video for awareness raising



■ Develop Op-eds, Policy Briefs and Discussion Papers

- Strengthening Waste Management Policies to Mitigate the COVID-19 Pandemic (PB)
- Local Multi Stakeholder Partnership for Waste Management (DP, forthcoming)
- Challenges for Extended Producer Responsibility (DP, forthcoming)
- Plastic bag ban and further actions to reduce marine plastics (OE)

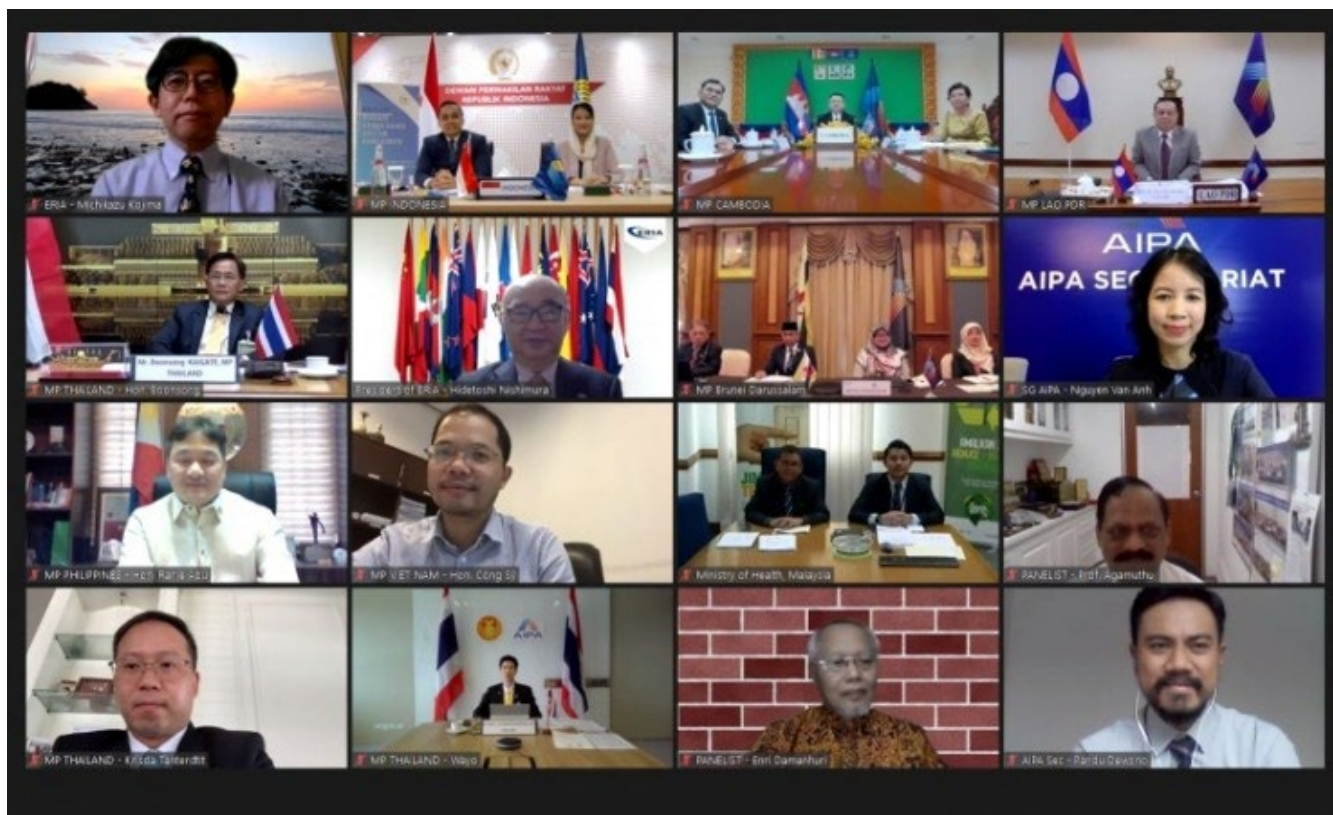


■ Strengthen the International Cooperation

- ASEAN Working Groups (AWGCME, AWGCW), AIPA, ASEAN Coordinating Council (the Foreign Minister's conference)
- International conferences such as G20, UN, JICA, COBSEA, ASEANO project, Sea of Solutions (UNEP)



Joint Dialogue with AIPA on Waste Management



- ◆ ERIA and ASEAN Inter-Parliamentary Assembly organized the Joint Dialogue about waste management under the pandemic of COVID-19.
- ◆ This is a platform of communicating with politicians of ASEAN Member States (AMSs). The 41st General Assembly of AIPA (Sep. 2020) adopted the resolution on further cooperation between AIPA and ERIA.

ASEAN Coordinating Council Meeting



Picture from ASEAN Secretariat

- ◆ ERIA was invited the ASEAN Coordinating Council Meeting to present Mekong Subregional Development.
- ◆ The report strengthens that the governments should reduce single-use plastics, provide waste collection services, dispose of waste properly, and promote recycling of plastic waste in the region.

■ Further Progress

Enrich our website contents

- Sharing good practices of environmental technologies in the Region. (preparing a web-base platform within our website)

International Collaborations

- Strengthen the strategic partnership with member countries. (ex. MoU with IGES)
- Participating in relevant international fora to introduce the good practices of this region

Workshop and Webinar

- Virtual base workshop for practitioners and academia in this region (ex. to be planned, life cycle assessment, EPR, reduce the Leakage of the river)



Waste Management during COVID-19

09 July 2020

The RKC-MPD team has recently launched a policy brief titled "Strengthening Waste Management Policies to Mitigate the COVID-19 Pandemic", which highlights the importance of ASEAN countries to strengthen their waste management policies in order to ensure the healthy environment without leaving no one's health behind.

[Learn More](#) →



ABOUT US

Visit our website!!

<https://rkcmpd-eria.org/>
<https://www.eria.org/>