

ASEAN Sustainable Consumption and Production in Promoting BCG Economy

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SCP Framework of ASEAN

Expected Outputs

- Scoping/mapping SCP in ASEAN
- SCP framework for ASEAN
- Knowledge products : Good practices on SCP in ASEAN countries

TEAM

- Dr.Hari Ragavan, Malaysia
- Dr.Anthony Shun Fung Chiu, Philippines
- Dr.Chaiyod Bunyagidj, Thailand

Time Frame

- Nov. 2020 – March 2021

Project Owner

- UNEP

ASEAN CE Roadmap Study

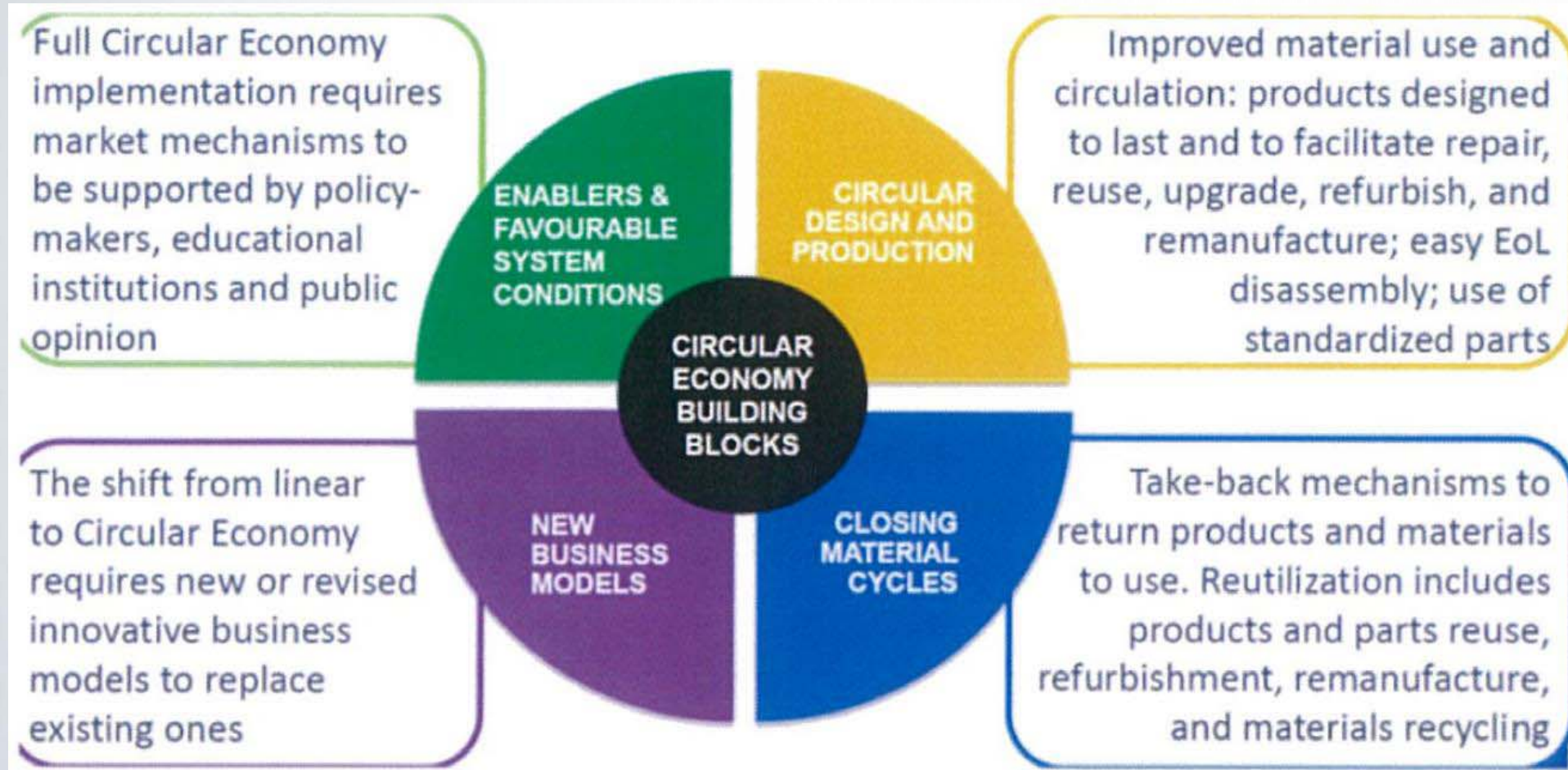
- Emerging economies of ASEAN is implemented several programs to improve resource efficiency, industrial restructuring, and innovation along value chains.
- But not yet developed into a common minimum program of transformation at regional level.

ASEAN CE Roadmap Study

- Roadmap outline ASEAN's CE transition – would help- member state to initiate policy formulation
 - In the sphere of influence
 - Institutional development
 - Stakeholder engagement

Duration : July 2020 – March 2021

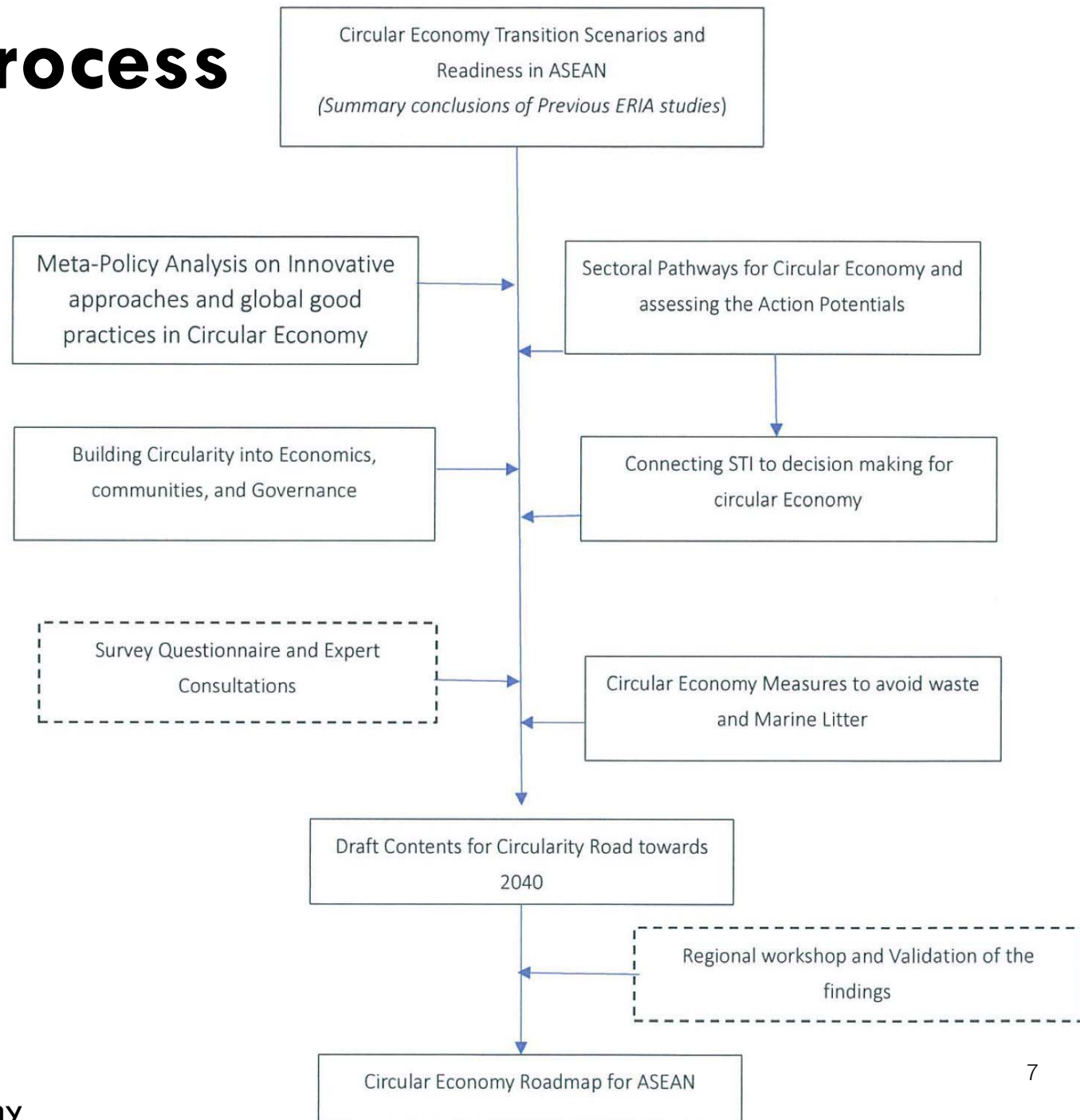
ASEAN CE Roadmap Study



Building blocks of circular economy Road Map, as observed from European Experiences

The Study Approach Process

Q3



Study Group Members

Thematic Area	Content	Name of Affiliation
1	Circular Economy Transition Scenario and Readiness in ASEAN	V. Anbumozhi, et al, ERIA
2	Meta Policy Analysis on Global Good Practices	Karl Vrancken et al, Vito
3	Sectoral Pathways and Action Potential	Krishnamurthy Ramanathan et al, University of Western Sydney
4	Connecting Science Technology and Innovation into Decision Making	C. Visvanathan et al, Asian Institute of Technology
5	Measure to Avoid Waste and Marine Litter	Michikazu Kojima et al, IDE
6	Business Economics and Governance	Henrich Wyes, et al, CAREC
7	Regional Level Obligations and Opportunities	Magnus Bengtsson, IGES
8	SDGs through Circular Economy	Sweta Prabhakar et al, SEI
9	Validation of the findings in regional national setting and preparation of National Roadmaps	Lai Van Minh, ISPONRE Chaiyod Bunyagidj, SCPA
10	Survey Questionnaire and implementation	ERIA Study members & UNEP-ROAP
11	Regional Workshop	ERIA, ASEC with Study members

ERIA's Books focusing on Circular Economy in ASEAN

Empowering ASEAN for Circular Economy

<https://www.eria.org/research/industry-40-empowering-asean-for-the-circular-economy/>

Towards Circular Economy : Corporate Pathways

<https://www.eria.org/publications/towards-a-circular-economy-corporate-management-and-policy-pathways/>

This will help participants aware of accumulated in ERIA and the region.



SUSTAINABLE CONSUMPTION AND PRODUCTION

Baseline Research for ASEAN

This report is funded by the Hanns Seidel Foundation, Germany and researched by the ASEAN CSR Network and the Centre for Governance, Institutions and Organisations, NUS Business School

ASEAN Current Challenges

- 5th largest GDP in the world
- Rapid economic and urban growth
- Region-wide social inequality
- Increased resource consumption
- Generation of waste
 - 8,9 million metric tons of mismanaged plastic waste annually
 - Regional recycling unable to cope
- Carbon Emission : on the Rise in ASEAN
 - Driven by economic growth and urban population
- Increase in demand for energy
 - Grow about 4.7% per year
- Climate change threat to ASEAN
 - Agriculture production
 - Erode of coastal line
 - Disrupt economic activities

ASEAN Current Challenges

ASEAN 2025 : Forging Ahead Together Work Plan was created.

ASEAN 2025 Work Plan : Socio-Cultural Community Section

Section C.4 : **SCP** is one of the target

1. Strengthen public-private partnerships to promote the adoption of environmentally-sound technologies for maximizing resource efficiency.
2. Promote environmental education (including eco-school practice), awareness, and capacity to adopt sustainable consumption and green lifestyle at all levels.
3. Enhance capacity of relevant stakeholders to implement sound waste management and energy efficiency.
4. Promote the integration of SCP strategy and best practices into national and regional policies or as part of CSR activities.

ASEAN Current Challenges

KEY Elements of SCP

- Access to information, fully empowered enforcement and certification entities.
- Ways and means to compare products and services trust worthy, publicly and harmonized info system.



Creative a kind of ASEAN SCP Labelling
Certification and Information Systems

Future and Benefits of SCP and BCG for ASEAN

➤ To effectively manage **KEY Contributors**:

- CO₂ footprinting
- energy efficiency
- organic production
- free of banned substance
- Recycled components
- Origin of raw materials
- etc

= Very Difficult and Complex =

Future and Benefits of SCP and BCG for ASEAN

➤ **NEED** to have:

ASEAN regional standardization of PRODUCTS, PROCESS
and SERVICES

Require harmonized protocol for the development and mutual agreement of standard and regulatory framework

Key Success Factors

➤ **NEED** for all stakeholders to work together to achieve these:

Government leadership :	Standard-setter, enforcer of standard, education and capacity building, role model
Business Responsibility :	Responsible enterprise, compliance, transparency, accountability, working together
Consumer :	Ability to make informed decision, information from the transparency and accountability organization