APRSCP
ASIA-PACIFIC ROUNDTABLE
FOR SUSTAINABLE CONSUMPTION & PRODUCTION

SCP
THAI SCP ASSOCIATION

16th APRSCP 2022: Carbon Neutral Event



21-23 NOVEMBER 2022

Pathumwan Princess Hotel,
Bangkok, Thailand (hybrid event)

16th ASIA PACIFIC ROUNDTABLE ON SUSTAINABLE CONSUMPTION AND PRODUCTION

"Bridging Net Zero Transition by SCP and Circular Economy"

Supported by

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MESSAGE FROM APRSCP

Sanjay Kumar
President of APRSCP Board of Trustees



It is my pleasure to welcome you to the 16th Asia-Pacific Roundtable on Sustainable Consumption and Production (APRSCP) in Bangkok. This conference is especially important to us as it coincides with the 25th anniversary of APRSCP. Twenty-five years is a long period for an organization to sustain, even more so considering members are sparing their time and expertise pro bono. The passion for a brighter tomorrow is the only fuel that keeps APRSCP going. I sincerely thank all past Presidents, Members and Advisors of APRSCP for not only laying such a strong foundation, but also nurturing it to its present status. The organization has been engaged closely with governments during this period in advocating integrating SCP strategies into national policies in the region. The conference will allow us to reflect on the region's progress in integrating SCP into policy frameworks during that period and the opportunity for scaling up in future.

As the world faces triple planetary crisis – climate change, biodiversity loss and pollutions in all forms - today, it's time to reaffirm our commitment to SCP policies to ensure balanced sustainable growth in the region. The scale of challenges is so huge that no single actor can fully deal with it in entirety. Addressing them requires strong and long-term cooperation between governments, businesses, non-profit organizations, development organizations and individuals. The conference will see participation of stakeholders from different affiliations trying to continue advancing our collective understanding and finding new solutions.

The conference's theme focuses on the critical role of SCP and circular economy strategies in achieving net zero. It will also deliberate on driving poverty alleviation and economic development, increasing incomes, and preserving our natural capital. Such economic transformation is feasible if we approach the SCP pattern collectively as a system, influencing socioeconomic, climate, biodiversity, and pollution outcomes.

While many countries are taking action to secure the future that future generations deserve, not all in the region are at the same point in SCP integration into the policy curve. Countries lagging behind in the transition to SCP need to be supported and engaged by investing in their skills and competencies and adding value to their natural resources.

SCP monitoring and reporting are essential for identifying emerging trends and strategic gaps, demonstrating the benefits of SCP, and replicating innovative and impactful practices. Even in countries that have successfully incorporated SCP and circular economy principles into their national policy frameworks, their monitoring and reporting progress on SCP remains a major challenge.

The conference is providing a platform to discuss all these concerns and challenges while also highlighting best practices. I would like to express my heartfelt gratitude to the Organizing Committee for putting together a comprehensive three-day programme. The sessions will range from high-level panel discussion on the importance of collaboration among different actors for the region's transition to net-zero, to a deeper dive into their roles in making the transition effective. Each session features a galaxy of experts from the region, and a great learning experience is in store for us.

Thanks are also due to all those who have worked behind the scenes to support the core organizing committee. And finally, on behalf of the APRSCP family, I would like to put on record our sincere thanks to the event's sponsors and partners for their generous support, without which this conference would not have been possible.

Looking forward to seeing you in the conference!

Dr. Wijarn Simachaya

APRSCP 2022 Conference Chair
President of Thai SCP Network and SCP Association (Thailand)



It is my great pleasure to welcome you all to the 16th Asia Pacific Roundtable on Sustainable Consumption and Production (APRSCP 2022), which is taking place here in Bangkok, Thailand during 21-23 November 2022. As the Conference Chair, I would like to share with you a few points about this conference.

Firstly, the APRSCP conference, is one of the important activities in the region that regularly organized in every 18-24 months by the APRSCP and the host country. It is considered as the largest SCP regional conference in Asia and the Pacific region. The conference also serves as a platform for multi-stakeholder dialogue among stakeholders from the region on the urgency to address sustainable consumption and production challenges through adoption of policies which support people, protect the planet, and promote social and economic equity.

Secondly, the 16th APRSCP was supposed to be hosted by our SCP member from the Sri Lanka SCP Forum. However, due to some obstacles, Sri Lanka has to withdraw the proposal. Therefore, the Thai SCP Network decided to host the conference, with the approval from the APRSCP Board of Trustees in June 2022.

And last but not least, this 16th APRSCP is a very special event because;
- it is the homecoming celebration of the 25th anniversary of APRSCP since the establishment in Bangkok in November 1997,
- it is co-hosted by the Thai SCP Network, one of the very first national SCP networks in the region initiated jointly by the APRSCP and the Thai SCP team since 2018, and,
- it is organized as a back-to-back event right after the two important global events, which are the APEC Leaders' Summit 2022 hosted by the Kingdom of Thailand in Bangkok during 18-19 November and the COP 27 hosted by the Government of the Arab Republic of Egypt during 6-18 November.

From the climate change, which is key issues that the global is facing and within Thailand context, we present this year's theme: "Bridging Net Zero Transition by SCP and Circular Economy".

It is our honor to have approximately 150 invited speakers, invited panelists, and participants from more than 15 countries participate the event on-site in Bangkok and more than 200 participants participate the event on-line. We are also proud to announce that this 16th APRSCP is the carbon neutral event, with the carbon offset credit from the Thailand Voluntary Emission Reduction or T-VER program.

The 16th APRSCP is made possible with the financial support from several government agencies, private sectors and international organizations in Thailand, which you can see all the lists in the conference E-book.

I also would like to extend our sincere gratitude to the long-time SCP partners such as: UNEP, UNIDO, UNDP, GIZ, IGES, ERIA, EU SWITCH Asia SCP Facility, the WWF-Thailand SCP Project, PPP Plastic, and etc. Finally, I would like to express my heartfelt thanks to the Thai SCP team who work tirelessly during the past 6 months with the APRSCP friends to ensure that this important conference will run as smoothly as possible.

I wish that all of you find the conference both enjoyable and valuable, and also enjoy the beautiful culture and uniqueness beauty of Bangkok, one of the most popular tourist destinations of Thailand.

Thank you very much



16th APRSCP Program

16th APRSCP Conference
21-23 November 2022 - Bangkok, Thailand

16th Asia Pacific Roundtable
on Sustainable Consumption and Production

(16th APRSCP 2022: Carbon Neutral Event)
"Bridging Net Zero Transition by SCP and Circular Economy"

21-23 November 2022,
Pathumwan Princess Hotel, Bangkok, Thailand (hybrid event)

INFORMATION NOTE

I. The Asia Pacific Roundtable for Sustainable Consumption and Production (APRSCP)

The APRSCP is an international, not-for-profit, network institution, legally registered as APRSCP Foundation in the Kingdom of Thailand, that promotes sustainable consumption and production in the Asia-Pacific. It was established in 1997 with the active support of multilateral agencies like UNIDO, UNEP, and UNESCAP to enhance and strengthen cooperation in the development and implementation of sustainable consumption and production (SCP) policies & practices. Over these years, it has provided a platform for multi-stakeholder dialogue among stakeholders on the urgency to address sustainable development challenges by adopting policies that support people, protect the planet and promote social and economic equity.

Its flagship event, the Roundtable, has been held every 18 to 24 months since its inception to facilitate uptake of SCP research, policy and practice in the region. It has held 15 roundtables in the region till date. These roundtables were hosted by member countries in the region and were co-organized by the APRSCP, national governments, and its partners such as UNEP, UNIDO, GIZ and IGES. APRSCP has brought transformative changes in the region leading to lasting and deep impacts on SCP policy and governance and emerged as the VOICE of SCP in the Asia-Pacific region.

The region has seen commendable progress in adopting SCP practices and APRSCP is proud of its contributions in mainstreaming SCP in the region. However, it is not the time to be complacent as it strongly believes that economic growth has yet to translate into progress for millions in the Asia Pacific and the region faces several challenges. In this critical time, the region needs leadership, courage, and optimism to spark the action and bring about transformative impacts on the lives of millions. This edition of the Roundtable i.e., 16th APRSCP Conference is a small step in that direction and also the celebration of the 25th anniversary of APRSCP since the establishment in Bangkok in November 1997.

II. Objectives

The 16th APRSCP will provide a platform for multi-stakeholders from Asia and the Pacific to come together to:

1. Promote best practices, programs, local initiatives, and lessons learned on SCP, Circular Economy and Net Zero Emission related projects in Asia and the Pacific region.

2. Identify synergies and build cooperation to engage actively in the development and implementation of the SCP, Circular Economy, and Net Zero Emission 2030 and 2050 targets.
3. Enhance discussions and sharing experiences and lessons learned in scaling up existing and new SCP and Circular Economy technologies, strategies, tools and approaches through research and information awareness, capacity building, financing, and monitoring and evaluation.

III. Output

1. Compendium of best practices, programs, local initiatives, and lessons learned on SCP, Circular Economy and Net Zero Emission related projects in Asia and the Pacific region.
2. A set of recommendations on how stakeholders can scale up implementation of SCP, Circular Economy and Net Zero Emission technologies, tools, and approaches through specific current or new projects, programs, and strategies to be implemented in the next 3-5 years.
3. Recommended regional program/activities for research, communication, capacity building, financing, and monitoring and evaluation to scale up SCP, Circular Economy and Net Zero Emission best practices and initiatives.

IV. Information on the Sessions

a. Plenary Sessions

1. Public-Private Regional Initiatives & Cooperation toward Net Zero Transition by SCP and Circular Economy
2. SCP Regional Program/ Activities to be implemented in the next 3-5 years on SCP and Circular Economy towards the Net Zero Transition in the Asia and the Pacific Region

b. Roundtable sessions

There are 3 Roundtable Sessions focusing on selected priority areas on SCP & Circular Economy:

Roundtable 1: SCP & Circular Economy in planning and implementation
Roundtable 2: Mainstreaming SCP & Circular Economy in priority sectors
Roundtable 3: Net Zero Transition with Collaborative Actions

Each Roundtable will have two sessions where speakers (resource experts and country representatives) will present on the selected topics followed by interactive discussions and insights from participants, including presentations of submitted technical scientific papers with latest research findings and best practices on technology, management, and policy on SCP and Circular Economy towards Net Zero Transition.

V. Organizers, Partners, and Sponsors of the 16th APRSCP

The 16th APRSCP is co-organized by APRSCP and Thai SCP Network. Other partners for the Roundtable sessions are as follows: the United Nations Environment Programme (UNEP), the Deutsche Gesellschaft fuer Internationale Zusammenarbeit (GIZ) GmbH, IGES, ERIA, EU SWITCH-Asia SCP Facility, UNDP, UNIDO, The WWF-Thailand SCP Project, PPP Plastic, etc.

The 16th APRSCP is made possible with the financial support of diamond sponsor (PTT Global Chemical Public Company Limited-PTTGC, and Siam Cement Group Public Company Limited-SCG), platinum sponsors (Office of National Higher Education Science Research and Innovation Policy Council-NXPO, and Charoen Pokphand Foods Public Co. Ltd.-CPF), gold sponsors (Program Management Unit for Competitiveness-PMUC, Dow Thailand Group-Dow, and LINE Company (Thailand) Limited-LINE) and silver sponsors (Saeng Charoen Grand Company Limited-SC Grand, and Thai Taffeta Company Limited-Thai Taffeta). The 16th APRSCP is the carbon neutral event with the kind support from Mitr Phol Sugar Corporation, and Federation of Thai Industries-FTI.

OVERVIEW OF AGENDA

21 Nov. 2022 DAY 1

13.30-15.00: Opening Ceremony (Venue: Jamjuree Ballroom, M floor)
Honorary Speaker (H.E. Mr. Varawut Silpa-archa, Minister of MoNRE, Thailand) + **3 Keynote Speakers** (Dr. Mushtaq Memon, Representative of the Regional Director of UN Environment in Asia and the Pacific; Dr. Kitipong Promwong, President of NXPO; Dr. Chaya Chandavasu, Executive Vice President of PTTGC)

15.00-15.45: New SCP Book Release/ Photo session/ Press Conference/ Exhibition/ Networking Break
15.45-17.00: Plenary Roundtable Session 1: (Venue: Jamjuree Ballroom, M floor)
Keynote Speaker (Mr. Edwin C. Sagurton, Jr., Economic Counselor for Economic Affairs, U.S. Embassy BKK) + **4 Invited Panelists:** Public-Private Regional Initiatives & Cooperation toward Net Zero Transition by SCP and Circular Economy, "The Challenge of Industrial Decarbonization and Circular Economy in Asia Pacific"

22 Nov. 2022 DAY 2

09.00-10.15: Plenary Roundtable Session 2: (Venue: Jamjuree Ballroom, M floor)
Keynote Speaker (Prof. Masahiko Hirao, University of Tokyo) + **4 Invited Panelists:** Regional Program/ Activities to be implemented in the next 3-5 years on SCP and Circular Economy towards the Net Zero Transition in the Asia and the Pacific Region

10.45-15.15: ROUNDTABLE Sessions

ROUNDTABLE 1: SCP & CE in planning and implementation (Venue: Jamjuree Ballroom, M floor)	ROUNDTABLE 2: Mainstreaming SCP & CE in priority sectors (Venue: Jamjuree 1, M floor)	ROUNDTABLE 3: Net Zero Transition with Collaborative Actions (Venue: Jamjuree 2, M floor)
RTD1a: 10:45- 12:30 Role of Future Technologies in SCP & CE **Invited Speaker:** Dr. Rene Van Berkel, UNIDO Representative & Head of Regional Office in India **Invited Panelists:** 4 invited panelists	**RTD2a: 10:45–12:30** Sustainable Chemical & Plastics **Invited Speaker:** Mr. Renaud Meyer, Resident Representative, UNDP **Invited Panelists:** 3 invited panelists	**RTD3a: 10.45–12:30** Net Zero Transition with Collaborative Actions, particular focus on Bio-Circular-Green (BCG) initiatives **Invited Speaker:** Mr. Suandi Tanuwijanto, APAC Sustainable Development Manager, Corteva Agriscience **Invited Panelists:** 4 invited panelists
RTD1b: 13:30 – 15:15 Driving Forces for SCP & Circular Economy **Invited Speaker:** Mr. Rick Passenier, Reventure (CE), Netherlands **Invited Panelists:** 4 invited panelists	**RTD2b: 13:30–15:15** CE and SCP for Sustainable Construction Materials **Invited Speakers:** Ms. Anna Zinecker, GIZ and Mr. Sattanathan Karthikeyan, Confederation of Indian Industry (CII)	**RTD3b: 13:30–15.15** Net Zero Transition with Collaborative Actions, particular focus on National Green Directory for SCP **Invited Speaker:** Dr. Lunchakorn Prathumratana, SWITCH-Asia SCP Facility **Invited Panelists:** 4 invited panelists

15.30-17.00: Plenary Closing Session (Venue: Jamjuree Ballroom, M floor)
Keynote Speaker (Dr. Suvit Maesincee, Former Minister of Higher Education Science Research & Innovation, Thailand)
Summary report, Next steps & Handover ceremony

23 Nov. 2022 DAY 3

Back-to-back (side event): 9:00- 16:30 (Jamjuree 2)	Back-to-back (side event): 9:00- 16:30 (Ballroom A)	Back-to-back (side event): 9:00- 16:30 (Ballroom B)
9.00-12.00 (1) ERIA: Discussion on EPR schemes being introduced in many parts of Asia. **13.30-16.30 (4)** GIZ: CE and SCP for Sustainable Construction Materials in Southeast Asia	**9.00-12.00 (2)** Plastic Industry Club, FTI: Public Private Collaboration in Action. **13.30-16.30 (5)** UNEP and AIT: Plastic Free Rivers – Capacity Building on addressing Plastic Pollution.	**9.00-12.00 (3)** WWF Thailand SCP- Future Food Together Project **13.30-16.30 (6)** Thai Livestock and Aquatic Consortium/ Thai Sustainable Fishery Roundtable

Note: Lunch will be at Citi Bistro, G floor (Buffet)

DETAILED AGENDA

21 Nov. 2022 (DAY 1)

13:00 – 13:30	Registration (Registration desk, M floor)
13:30 – 15:00	**Opening Ceremony** (Venue: Jamjuree Ballroom, M floor) **Welcome Address** **1. Mr. Sanjay Kumar:** President of APRSCP Board of Trustees **2. Dr. Wijarn Simachaya:** Chair of Organization Committee and President of Thai SCP Network **Honorary Speaker & Opening Remarks** **H.E. Mr. Varawut Silpa-archa:** Minister of Natural Resources and Environment, Thailand **Keynote Speakers** **1. Dr. Mushtaq Memon:** Representative of the Regional Director of UN Environment in Asia and the Pacific "Update Status of SCP & Circular Economy towards Net Zero Transition" **2. Dr. Kitipong Promwong:** President of Office of National Higher Education Science Research and Innovation Policy Council "Mechanism for STI Collaboration on Circular Economy toward Net Zero Target in APEC Regions" **3.Dr. Chaya Chandavasu:** Executive Vice President, Sustainability and Cooperate Branding,PTT Global Chemical Public Company Limited "Role of Private Sector in Bridging Net Zero Transition by SCP and Circular Economy"
15:00 – 15:05	Announcement of the New SCP Book Release (Understanding Sustainable Public Procurement)
15:05 – 15:45	Photo session/ Press Conference/ Exhibition/ Networking Break
15:45 – 17:00	**Plenary Session 1:** Public-Private Regional Initiatives & Cooperation toward Net Zero Transition by SCP and Circular Economy: "The Challenge of Industrial Decarbonization and Circular Economy in Asia Pacific" (Venue: Jamjuree Ballroom) **Chair:** Prof. Anthony Chiu, APRSCP Past President (Philippines) **Co-Chair:** Dr. Orathai Pongruktham, Thailand PPP Plastic and Dow Thailand **Keynote Speaker:** Mr. Edwin C. Sagurton, Jr., Counselor for Economic Affairs, U.S. Embassy Bangkok **Invited Panelists:** 1. Dr. Henry Bastaman, Chairperson of PPBN Oversight Board, Indonesia

	2. Mr.Rongphet Bunchuaidee, Deputy Executive Director of Thailand Greenhouse Gas Management Organization (Public Organization) 3. Ms. Nhi Le, Head of Communication & Corporate Affairs, Unilever Vietnam 4. Mr. Vichan Tangkengsirisin, Commercial Director, Asia Pacific Dow Industrial Solutions, The Dow Chemical Company

22 Nov. 2022 (DAY 2)

8.30 – 9.00	Registration (Registration desk, M floor)
9:00 – 10:15	**Plenary Session 2:** SCP Regional Program/ Activities to be implemented in the next 3-5 years on SCP and Circular Economy towards the Net Zero Transition in the Asia and the Pacific Region (Venue: Jamjuree Ballroom, M floor) **Chair:** Dr. Yasuhiko Hotta, APRSCP Vice President (Japan) **Co-Chair:** Assoc. Prof. Dr. Sate Sampattagul, Thai SCP Network Executive Committee **Keynote Speaker:** Prof. Masahiko Hirao, Research Center for Advanced Science and Technology, University of Tokyo **Invited Panelists:** 1. Mr. Dwayne Appleby, Programme Manager, IGES 2. Dr. Mushtaq Memon, Regional Coordinator for Chemicals and Pollution Action Subprogramme, UNEP/ROAP 3. Mr. Kai Hofmann, Project Director SCP CE Hub, GIZ Thailand 4. Dr. Zinaida Fadeeva, Team Leader, SWITCH-Asia SCP Facility
10:15 – 10:45	Networking Break

ROUNDTABLE SESSIONS

ROUNDTABLE 1: SCP & CE IN PLANNING AND IMPLEMENTATION
(Venue: Jamjuree Ballroom)

10:45 – 12:30	**RTD1a:** Role of Future Technologies in SCP & Circular Economy **Chair:** Ms. Ambreen Waheed, APRSCP Board of Trustees (Pakistan) **Co-Chair:** Dr. Jitti Mungkalasiri, Thai SCP Network Executive Committee **Invited Speaker:** Dr. Rene Van Berkel, UNIDO Representative & Head of Regional Office in India **Invited Panelists:** 1. Ms. Nattinee Netraumpai, Head of Corporate Affairs, Uniliver Thailand

	2. Asst.Prof.Dr. Seksan Udomsri, Managing Director, Wongpanit Krabi Co.Ltd. 3. Ms. Mona Mohammed, Economy Division, UNEP 4. Prof. Chien Chen Fu, Chief Expert, Intelligent Manufacturing & Circular Economy, Asian Productivity Organization
12:30 – 13:30	**LUNCH** (Venue: Citi Bistro, G floor)
13:30 – 15:15	**RTD1b:** Driving Forces for SCP & Circular Economy **Chair:** Dr. Surachai Sathitkunarat, Thai SCP Network Executive Committee **Co-Chair:** Dr. Jonna C. Baquillas, APRSCP Board of Trustees (Philippines) **Invited Speaker:** Mr. Rick Passenier, Reventure (CE), Netherlands **Invited Panelists:** 1. Dr. Lin Woon Leong, Senior Lecturer, School of Management & Marketing, Taylor's University, Malaysia 2. Ms. Krittika Chaiwilai, Vice President Marketing, Thai Taffeta 3. Ms. Thanyaporn Krichtitayawuth, Executive Director, Global Compact Network Thailand 4. Dr. Nabil Haque, Research Fellow and Platform Manager for Aid Atlas, Stockholm Environment Institute

ROUNDTABLE 2: MAINSTREAMING THE SCP & CE IN PRIORITY SECTORS
(Venue: Jamjuree 1)

10:45 – 12:30	**RTD2a:** Sustainable Chemical & Plastics **Chair:** Ms. Jenny Tan, APRSCP Advisor (Malaysia) **Co-Chair:** Mr. Timotheus Lesmana, APRSCP Board of Trustees (Indonesia) **Invited Speaker:** Mr. Renaud Meyer, Resident Representative, United Nations Development Programme (UNDP) **Invited Panelists:** 1. Mr. Jiraphat Thansandose, Head of Packaging, Nestle (Thai) Ltd. 2. Dr. Savanit Boonyasuwat Kosolpisitkul, Vice President, Sustainability Strategy & Management, PTTGC 3. Dr. Reva Prakash, Deputy Team Leader, European Union's Resource Efficiency Initiative
12:30 – 13:30	**LUNCH** (Venue: Citi Bistro, G floor)
13:30 – 15:15	**RTD2b:** CE and SCP for Sustainable Construction Materials **Chair:** Mr. Noer Adi Wardojo, APRSCP Immediate Past President (Indonesia) **Co-Chair:** Dr. Nongnuch Poolsawad, Technology & Informatics Institute for Sustainability, NSTDA

	Moderator: Mr. Kai Hofmann, Project Director SCP CE Hub, GIZ Thailand **Rapporteur:** Ms. Pimpilas Nuntiphon, Country Coordinator, Scaling SCP, GIZ Thailand **Invited Speakers:** 1. Ms. Anna Zinecker, Programme for Energy Efficiency in Buildings (PEEB) German International Cooperation (GIZ) 2. Mr. Sattanathan Karthikeyan, Executive Director Confederation of Indian Industry (CII)

ROUNDTABLE 3: NET ZERO TRANSITION WITH COLLABORATIVE ACTIONS
(Venue: Jamjuree 2)

10:45 – 12:30	**RTD3a:** Net Zero Transition with Collaborative Actions, particular focus on Bio-Circular-Green (BCG) initiatives **Chair:** Dr. Metinee Srivatanakul, Thai SCP Network Executive Committee **Co-Chair:** Dr. Jonna Baquillas, APRSCP Board of Trustees (Philippines) **Invited Speaker:** Mr. Suandi D. Tanuwijanto, APAC Sustainable Development Manager, Corteva Agriscience **Invited Panelists:** 1. Prof. Shabbir Gheewala, Head of Life Cycle Sustainability Assessment Laboratory, JGSEE, King Mongkut's University of Technology Thonburi 2. Mr. Peerapong Krinchai, Executive Vice President (Corporate Engineering), Charoen Pokphand Foods PCL 3. Mr. Jirarot Pojanavaraphan, Managing Director, SC GRAND 4. Dr. Hari Ramalu Ragavan, APRSCP Board of Trustees (Malaysia)
12:30 – 13:30	**LUNCH** (Venue: Citi Bistro, G floor)
13:30 – 15:15	**RTD3b:** Net Zero Transition with Collaborative Actions, particular focus on National Green Directory for SCP **Chair:** Dr. Chaiyod Bunyagidj, Thai SCP Network Vice President & APRSCP Board of Trustees **Co-Chair:** Mr. Nimal Perera, APRSCP Advisor (Sri Lanka) **Invited Speaker:** Dr. Lunchakorn Prathumratana, SWITCH-Asia SCP Facility **Invited Panelists:** 1. Mr. Janejob Suksod, Pollution Control Department & Thai SCP Network Executive Committee 2. Mr. Numpol Limprasert, The Federation of Thai Industry & Thai SCP Network Executive Committee

	3. Mr. Kirati Kosicharoen, Executive Vice President, The Stock Exchange of Thailand 4. Dr. Zinaida Fadeeva, Team Leader, SWITCH-Asia SCP Facility
15:15 – 15:30	**Networking Break**
Plenary Closing-Hanover Session (Venue: Jamjuree Ballroom, M floor)	
15:30 – 16:30	**Plenary Closing Session** **Chair:** Dr. Pongvipa Lohsomboon, Thai SCP Network Executive Secretary **Co-Chair:** Dr. Yasuhiko Hotta, APRSCP Board of Trustees (Japan) **Keynote Speaker:** Dr. Suvit Maesincee, Former Minister of Higher Education Science Research & Innovation "Call for Action: Bridging Net Zero Transition by SCP and Circular Economy" **Summary Report** of the 16th APRSCP
16:30 – 17:00	**Closing Summary, Next Steps, and Handover Ceremony** - Handover from Thailand to the next host of 17th APRSCP - Way Forward & Closing Remarks: Mr. Sanjay Kumar (President) & Dr. Yasuhiko Hotta (Vice President) APRSCP Board of Trustees

23 Nov. 2022 (DAY 3) : Back-to-Back: Side Event

Venue	Jamjuree 2	Jamjuree Ballroom A	Jamjuree Ballroom B
9:00 – 12:00	**Back-to-back: side event 1** (Hybrid event with online facility) **Host:** Economic Research Institute for ASEAN and East Asia (ERIA) **Topic:** Discussion on EPR schemes being introduced in many parts of Asia	**Back-to-back: side event 2** (Hybrid event with online facility) **Host:** : Plastic Industry Club, Federation of Thai Industries **Topic:** Public Private Collaboration in Action	**Back-to-back: side event 3** (Hybrid event with online facility) **Host:** WWF Thailand SCP-Future Food Together Project **Topic:** Building Sustainability into the Agri-Food Value Chains: Future Food Together
13:30 – 16:30	**Back-to-back: side event 4** (Hybrid event with online facility) **Host:** GIZ **Topic:** CE and SCP for Sustainable Construction Materials in Southeast Asia	**Back-to-back: side event 5** (Hybrid event with online facility) **Host:** : UNEP and AIT **Topic:** Plastic Free Rivers-Promoting Resilience in Riverine Communities for Plastic Pollution and Climate Change in Mekong Basin	**Back-to-back: side event 3** (On-site event only) **Host:** Thai Livestock and Aquatic Consortium/ Thai Sustainable Fishery Roundtable (TSFR) **Topic:** Sustainable Agri-Food Supply Chain



SPEAKERS

16th APRSCP Conference
21-23 November 2022 - Bangkok, Thailand

Welcome Ceremony



Mr. Sanjay Kumar

President of APRSCP Board of Trustees

Sanjay Kumar is currently the Chief Materials Manager with Ministry of Railways, Govt of India. He has over two decades of governance and leadership experience in public policy, procurement& supply chain, and sustainability.

Sanjay has extensive experience working with governments, NGOs, academia and multilateral agencies toward embedding sustainability in organizational decisions and led various initiatives in research, advocacy and implementation of Sustainable Public Procurement (SPP) in India & abroad. He serves as a member on the National Task Force of Government of India on SPP; on Strategic Advisory Committee of Sustainable Purchasing Leadership Council (SPLC), Washington, USA; and as President, Board of Trustees of Asia-Pacific Roundtable on Sustainable Consumption and Production (APRSCP), Bangkok, Thailand. He currently leads One Planet Network's Interest Group on Sustainable Procurement in Construction/ Infrastructure.

He is the author of title "Understanding Sustainable Public Procurement", the first comprehensive book on SPP that provides in-depth analysis on the origins, nature and reality of the implementation of sustainable purchasing.



Dr. Wijarn Simachaya

Chair of Organization Committee and President of Thai SCP Network

DR. WIJARN SIMACHAYA is the current President of Thai Environment Institute (TEI), the Secretary-General of Thailand Business Council for Sustainable Development (TBCSD), a Chairman of Circular Economy Sub-committee under National Agenda BCG Econo my Model and a President of Thai Sustainable Consumption and Production Network (Thai SCP Network).

His various responsibilities in the past were natural resources and environmental plans, strategy development, pollution control plans as well as international cooperation on natural resources and environment issues. He was also a representative of the ministry of various UN, Sub-regional, and ASEAN / ASEAN Plus 3 Forums. He had played an important role to develop the ASEAN Haze-Free Road Map by 2020, and Bangkok Declaration on Combating Marine Plastic Debris in ASEAN region, endorsed by ASEAN Summit in June, 2019. He worked as a leader of green growth and government reform strategy development for Thailand. He currently works with various public-private agencies, civil societies and communities on the ground to develop environmental management models for the country, and moving toward sustainable development. Currently, he has also served an environmental expert in various nation committee such as Bio-Circular-Green Economy Model, Coastal and Marine Resources Administration Committee, Circular Economy Sub-Committee, National Water Resources Committee, Chairman of Board of Directors of Thailand Greenhouse Gas Organization, Chairman of Bio-based Economy Development Office (Public Organization) etc.

DR. SIMACHAYA joined the Office of Environmental Policy and Planning Board in 1984. He used to serve as a director of the Environment Division of the Mekong River Commission Secretariat (International Organization) in Lao PDR during 1997-1998. He served as several high ranking positions in the Ministry, including Director-General of the Pollution Control Department for 2 times and the Secretary-General of the Office of Natural Resources and Environmental Policy and Planning. His last position with government was the Permanent Secretary of the Ministry of Natural Resources and Environment until his retirement, 30 September, 2019.

DR. SIMACHAYA holds 2 Bachelor's degrees in Chemical Education and Laws from Chiang Mai and Ramkhamhaeng Universities, respectively, a Master's degree in Environmental Science from Kasetsart University and a Graduated Diploma in Sanitary Engineering from Chulalongkorn University. His highest degree is a Doctorate in Philosophy (Ph.D.) in Environmental Engineering from University of Guelph, Canada in 1990. He also received honorary doctoral degrees in Environmental Science, Environmental Management and Environmental Education from 7 leading universities in Thailand.

Plenary Opening Session



H.E.Varawut Silpa-archa

Ministry of Natural Resources and Environment
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DATE OF BIRTH: 11th July 1973

ROYAL THAI DECORATIONS

Knight Grand Cordon (Special Class) of the Most Exalted Order of the White Elephant
Knight Grand Cordon (Special Class) of the Most Noble Order of the Crown of Thailand
Knight Grand Cross (First Class) of the Most Exalted Order of the White Elephant
Knight Grand Cross (First Class) of the Most Noble Order of the Crown of Thailand

EDUCATION

Graduated	**Master of Business Administration Finance**
1997	University of Wisconsin - Madison, United States of America
Graduated	**Bachelor of Mechanical Engineering**
1995	University College London, United Kingdom

POLITICAL EXPERIENCE

2019 – Present	**Minister of Natural Resources and Environment,** Ministry of Natural Resources and Environment
2019 – Present	**Member of the Parliament,** Chartthaipattana Party
2011 – 2019	**President,** Suphanburi Football Club
2009 – 2013	**President,** Figure and Speed Skating Association of Thailand
2008	Deputy Minister of Transport, Ministry of Transport
2001, 2005, 2007	**Member of the Parliament**
2006, 2009	**House of Representatives Committee** on National Budget
2008	**House of Representatives Whip Committee**
	House of Representative Standing Committee on Science and Technology
2002	**Secretary to the Minister** Ministry of Tourism and Sports
2001	**Secretary to the Minister Ministry** of Science, Technology, and Environment
1999	**House of Representative Standing Committee** on Telecommunication

FAMILY

Married to Mrs. Suwanna Silpa-archa
(Currently International Skating Union's Council Member)
Three children; Thames, Ben, and Austin



Dr. Mushtaq Ahmed Memon

Regional Coordinator for Chemicals and Pollution Action Subprogramme
United Nations Environment Programme, Regional Office for Asia and the Pacific

Dr. Mushtaq Ahmed Memon is a Regional Coordinator for Chemicals and Pollution Action Subprogramme with the United Nations Environment Programme, Regional Office for Asia and the Pacific. He is Pakistani national, and he is working with UNEP since 1 April 2005 for more than 17 years including 12 years at UNEP-IETC for water and sanitation, and waste management; and 5 years at UNEP-ROAP. He leads UNEP's COVID-19 Response on COVID-19 waste management, He is also Project Manager of the EU-funded SWITCH-Asia. He supervises GO4SDGs in the region. He led the Low-Carbon Lifestyle Challenge Startups. He got his PhD inJapan and a MSc in the UK. He published papers in international journals, participated in major global events, and delivered various training programmes.



Dr. Kitipong Promwong

President of Office of National Higher Education Science Research and Innovation Policy Council

Dr. Kitipong Promwong is the President of Office of National Higher Education Science Research and Innovation Policy Council (NXPO). He is appointed by the Prime Minister (PM) to be responsible for the formulation of national policy and initiatives on higher education, science, technology, and innovation. He directly reports to the PM and the Minister of Higher Education, Science, Research and Innovation.

He was in charge of drafting important national policy proposals including, for instance, the proposal on national reform on higher education, science, technology and innovation, The Research and Innovation Utilisation Promotion Act, and fiscal and financial incentive packages to promote research, development and innovation of the private firms, entrepreneurs and startups in Thailand and the policy paper on Bio-Circular-Green Economy (BCG). He was also in the core team responsible for drafting the laws related to the establishment of the Ministry of Higher Education, Science, Research and Innovation.

Dr. Promwong has played important role in formulating strategic programs and initiatives related to science, technology and innovation development in Thailand. Examples include regional science parks development, establishment of Food Innopolis (Food Innovation Park), establishment of Company R&D Center Facilitation Centers, initiation of Talent Mobility Program (mobilizing scientists and technologists from public sector to work in private companies in order to help strengthen the companies' competitiveness), development of science, technology, and engineering and mathematics (STEM) workforce and promotion of workintegrated learning (WiL) education

He has also been board member of organizations and academic institutions including, for example, Advisor to Board of Investment (BOI), Council Member of Chiang Mai University, Board Member of National Food Institute of Thailand, Board Member of Science, Research, and Innovation Promotion Office, and Advisory Member of the Council of Chulabhorn Royal Academy.



Dr. Chaya Chandavasu

Executive Vice President – Sustainability
PTT Global Chemical Public Company Limited (GC)

Dr. Chaya Chandavasu is currently Executive Vice President of Sustainability at PTT Global Chemical Public Company Limited (GC), one of the largest integrated refining and chemical business and a leading corporation in the Asia-Pacific region. He is also a member of the Board of Directors in several companies under GC's umbrella, such as GC Ventures Company Limited in Thailand, and GC Ventures America Corporation in USA. Currently, Dr. Chaya's main responsibility is leading the development and execution of a broad-based, company-wide strategic sustainability initiatives, integrating sustainability throughout the organization.

Dr. Chaya has intensive management experiences, specifically from the executive position leading the corporate's sustainability programs, communications both inside & outside group of GC, managing the corporate ESG in line with the global & national agenda (UN SDGs), driving the sustainable change on the relevant areas e.g. Goal 12: Responsible consumption

Plenary Session 1



Mr. Edwin C. Sagurton, Jr.

Counselor for Economic Affairs
U.S. Embassy Bangkok

Mr. Sagurton is a career Foreign Service Officer who is serving as Counselor for Economic Affairs at the U.S. Embassy in Bangkok. He joined the U.S. Department of State in 1989.

Mr. Sagurton's recent overseas experience includes assignments as Economic Counselor at the U.S. Embassy in Riyadh from 2018-2021, Political Minister-Counselor at U.S. Embassy in Seoul from 2015-18, and as Political Section Chief at the U.S. Consulate in Basrah, from 2013-14. Other overseas assignments were in Seoul, Busan, and Manila.

In Washington, Mr. Sagurton helped to manage the Department's relations with Congress as Director of Regional Affairs in the Legislative Bureau and to enhance U.S. economic and trade relations through various positions in the Economic Bureau. He also worked on the Korea and China desks in the Bureau of East Asia and Pacific Affairs.

Before joining the State Department, Mr. Sagurton worked for the General Electric Company as a financial analyst (1980-87).

Mr. Sagurton graduated from Stanford University with degrees in History and Economics (1980, Phi Beta Kappa) and from the Industrial College of the Armed Forces with a Master's degree in National Resource Strategy (2009).



Dr. Henry Bastaman

Expert Staff to Minister of Environment and Forestry, Indonesia

Providing advice on SGDs Implementation and Environmental Research to the Minister of Environment and Forestry - Indonesia



Mr. Rongphet Bunchuaidee

Deputy Executive Director,

Thailand Greenhouse Gas Management Organization (Public Organization)

Educational Background

2004 : Master of Engineering (Environmental), (M.Eng)
2001 : Bachelor of Engineering (Environmental), (B.Eng)

Professional Experience

2022 : Deputy Executive Director
2020 : Director, Public Policy and Technical Support Office
2017 : Director, Technical Development and Support Office

Significant Contribution on Climate Change

- Support for Setting of the Thailand's Long-term Low GHG Emission Development Strategies
- Develop Guidelines and Methodologies for GHG Mitigation Tracking under NAMA and NDC of Thailand
- Support for the GHG Mitigation Target Setting of NAMA (2015-2020) and NDC Roadmap (2021-2030)
- Develop Guidelines and Methodologies for MRV and Approval of GHG Emission Reduction Program
    - CDM: Clean Development Mechanism
    - T-VER: Thailand Voluntary Emission Reduction Program



Ms. Nhi Le

Head of Communication & Corporate Affairs
Unilever Vietnam

As of Sep 26, 2022, **Ms. Lê Thị Hồng Nhi** re-joined Unilever as **Head of Communications & Corporate Affairs – Personal Care SEA & Vietnam.** Nhi has rich experience in Sustainability's Programs management, Government affairs, CSR and Corporate communication with more than 18 years of working for well-known organisations such as BP, As of Sep 26, 2022, Ms. Lê Thị Hồng Nhi re-joined Unilever as Head of Communications & Corporate Affairs – Personal Care SEA & Vietnam. Nhi has rich experience in Sustainability's Programs management, Government affairs, CSR and Corporate communication with more than 18 years of working for well-known organisations such as BP Nhi has rich experience in Corporateand Government Affairs, Sustainability's program management, CSR and public communication with more than 18 years working in well-known organizations such as BP, UNICEF, GIZ, Microsoft, and Unilever.

She has successfully leaded many great programs such as Provincial Child Injury Prevention (UNICEF); Traffic Safety Education (AIPF), Technical Vocational Education and Training (GIZ), YouthSpark, ASEAN Digital Innovation Program (Microsoft) to help Vietnamese people have improved education, livelihood, and wellbeing.

As the Head of Communication & Corporate Affairs in Unilever, Nhi has played critical role in driving sustainability programs and external affairs work to realize Unilever's compass of purpose-led, future-fit business. She led the team, engaged with brands' teams, and partnered with governmental institutions, NGOs, civil societies to successfully implemented impactful initiatives such as Stay Strong Vietnam (covid-19 relief), Women Empowerment, Environmental protection which benefited millions of people in the country.

Nhi graduated from RMIT university (Melbourne, Australia) in 1999, Bachelor of Applied Science. She received the Master of Economics and International Project Management of Paris 12 Val de Marne University (France).

Nhi is a proud mom of two teen-agers.



Mr. Vichan Tangkengsirisin

Commercial Director, Asia Pacific
Dow Industrial Solutions, The Dow Chemical Company

Gender: Male **Nationality:** Thai
Place of Birth: Bangkok, Thailand

Vichan Tangkengsirisin is named as Asia Pacific Commercial Director, Dow Industrial Solutions in Aug, 2020. Prior to the existing role, he was SEA & ANZ Polyurethane Sale Director and President Director of Dow Indonesia from 2017-2020. Vichan was the Associate Marketing Director for Asia Pacific Home appliance and Energy Efficiency Platform during2014-2017. He was the Isocyanate Product Manager and Propylene Oxide (PO) & Propylene Glycol (PG) Product Director during 2012-2014. From 2010-2012, he was the Business manager for MTP HPPO Manufacturing company and lead the team to prepare for the startup of the new HPPO plant, Rayong Terminal Company and hydrogen peroxide plant.

Vichan joined Dow Chemical Thailand in 1997 as Technical Service & Development (TS&D) for Polystyrene business. In 2001, he became account manager for Performance Chemical (surfactants, biocides, polypropylene oxide, reverse osmosis membrane and ion exchange resin). Vichan was named the Japanese OEM's ASEAN regional account manager for polystyrene business in the STYRON Asia Co., Ltd (Joint Venture of Asahi Chemical and Dow Chemical) between 2004 -2007. In 2008, Vichan relocated to Malaysia and became business manager for ethylene oxide derivatives (EOA, NPE, PAE, UCON, PEG) and Oil & Gas business in OPTIMAL Chemical, Joint Venture of PETRONAS and Dow Chemical. He took an additional role of Sales Manager for OPTIMAL Group from 2009-2010.

Vichan Tangkengsirisin earned his Master Degree in Chemical Engineering from Tokyo Institute of Technology (TIT) from Tokyo/Japan in 1997 and Bachelor degree in Chemical Engineering from Chulalongkorn University Thailand in 1995.

Plenary Session 2



Prof. Masahiko Hirao

Research Center for Advanced Science and Technology, University of Tokyo

Masahiko Hirao is a professor at the Research Center for Advanced Science and Technology, The University of Tokyo. He got BEng from The University of Tokyo in 1981 and Ph.D. in 1989. His current interest is sustainable consumption and production, including sustainable chemical process and product design, sustainable social system design, such as recycling systems based on LCA, and supporting consumer behavioral change.

He has served as Chairman of the Green Procurement Committee of the Green Purchasing Law, MOE, and Vice Chairman of the Meguro City Council for Promotion of Waste Reduction and Recycling. He is a past president of the Institute of LCA, Japan, a past chairman of the EcoMark Steering Committee, a past chairman of the Green Purchasing Network, and a project leader of the PECoP-Asia: "Policy Design and Evaluation for Establishing Sustainable Consumption and Production Patterns in the Asian Region" (2016-2021).



Mr. Dwayne Appleby

Programme Manager, IGES

Dwayne Appleby is Programme Manager and Senior Policy Researcher for Sustainable Consumption and Production (SCP) at the Institute for Global Environmental Strategies (IGES). He joined IGES in 2020 and his work supports technical assistance projects in South East Asia focused on circular economy, cleaner production, and SCP. Dwayne also sits on the Coordination Desk of the One Planet Network's Sustainable Lifestyles and Education Programme, supporting projects globally to advance sustainable living at the local and national level. Previously, he has worked in Canada with business and local governments in developing policies and business models that support the emergence of an enabling environment for sustainable lifestyles. Dwayne has worked for more than 12 years on issues of sustainable consumption and production and has a strong background in international development, political economy, innovation, and demographics



Dr. Mushtaq Ahmed Memon

Regional Coordinator for Chemicals and Pollution Action Subprogramme

United Nations Environment Programme, Regional Office for Asia and the Pacific

Dr. Mushtaq Ahmed Memon is a Regional Coordinator for Chemicals and Pollution Action Subprogramme with the United Nations Environment Programme, Regional Office for Asia and the Pacific. He is Pakistani national, and he is working with UNEP since 1 April 2005 for more than 17 years including 12 years at UNEP-IETC for water and sanitation, and waste management; and 5 years at UNEP-ROAP. He leads UNEP's COVID-19 Response on COVID-19 waste management, He is also Project Manager of the EU-funded SWITCH-Asia. He supervises GO4SDGs in the region. He led the Low-Carbon Lifestyle Challenge Startups. He got his PhD inJapan and a MSc in the UK. He published papers in international journals, participated in major global events, and delivered various training programmes.



Mr. Kai Hofmann

Project Director SCP CE Hub, GIZ Thailand

Mr. Kai Hofmann

Kai is driven by transforming societies into socially inclusive and ecologically resilient organisms that thrive within planetary boundaries and provide citizens opportunities for a healthy, creative and prosperous future.

Trained as Architect and Urban Manager he lived and worked in 10 different countries in field as diverse as building and urban design, project management, municipal governance, UNESCO world heritage, waste management, energy efficiency, as well as sustainable consumption and production (SCP) and Circular Economy (CE).

Today he is director of the SCP Hub of the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) based in Bangkok. The project cluster comprises 4 projects supporting nine South-East Asian countries introducing Circular Economy pattern by developing product policies and standards for eco-labelling and Green Public Procurement.



Dr. Zinaida Fadeeva

Team Leader, SWITCH-Asia SCP Facility

Dr. Zinaida Fadeeva is the Team Leader of the Sustainable Consumption and Production Facility (SCP Facility) of the SWITCH-Asia Programme for its 2nd phase. Zinaida has over 25 years leading international professional experience in policy for and practice of sustainable consumption and production (SCP) and Education for Sustainable Development, amongst others working with the United Nations University Institute for the Advanced Studies of Sustainability (UNU-IAS). Her work has focused on diverse topics such as tourism, plastics, construction, small and medium enterprises, procurement and lifestyle. Zinaida has worked extensively with governments, private sector, international organisations and academia in East, South East, South and Central Asia.

RTD1a



Dr. Rene Van Berkel

Representative, Regional Office India
United Nations Industrial Development Organization (UNIDO)

Dr. Rene VAN BERKEL is the Representative of the United Nations Industrial Development Organization (UNIDO) in India. Previously he was UNIDO Unit Chief of Cleaner and Sustainable Production and was responsible for UNIDO's contribution to the global Resource Efficient and Cleaner Production (RECP) programme which is operational in some 50 emerging and developing countries and supports the organization's Green Industry Initiative. Between 1999 and 2006 he was Australia's first full professor of Cleaner Production at Curtin University of Technology in Perth and between 1989 and 1999 he held various research and leadership positions at the University of Amsterdam, The Netherlands. He is an environmental scientist by education and holds master's and doctoral degrees from respectively Wageningen University and University of Amsterdam, both in The Netherlands.

Throughout his career, Dr VAN BERKEL has worked at the interface of academia, government and industry to foster the application of cleaner production, eco-efficiency and industrial ecology practices and techniques in a wide range of industry sectors, including manufacturing, minerals, agriculture, food and beverages, health and services and crafts. Since 1993 he has been active in fostering the adaptation and adoption of cleaner production and industrial ecology in developing and emerging economies in particular in Asia and Eastern Europe.

https://www.greengrowthknowledge.org/person/rene-van-berkel



Ms. Jittrinee Kaeojinda

Head of Corporate Affairs
Unilever Thailand

- Years of Service in the Government: 18 years

Recruited to join Unilever Thailand as Head of External Affairs and Media Relations in 2019 and has a wide breadth of experiences working with the government, sustainability projects on EDI (equity, diversity, and inclusion), plastic and climate change, and formerly in charge of corporate external communication until the organizational restructuring in February 2022 where she has been appointed to take the leading role in corporate affairs and sustainability. During her role as Head of External Affairs and Media Relations, she has led many initiatives and landed 300 Unilever coverage in the media, building UTT corporate reputation as a force for good and lead in sustainability.

Nattinee was guest speaker for many conferences i.e. UNESCAP, UNEP, Plastic Institute, Inter Plas Thailand: Plastic Fourm, and Mahidol's Voice of Green Conference and earned awards for Unilever on numerous sustainability achievements i.e. UN Women's WEP Award, Hero Award for LGBTQI+ Ally, Honorarium award from the Minister of Natural Resources and Environment.

Prior to joining Unilever, Nattinee worked at the Thailand Board of Investment (BOI), Office of the Prime Minister, in the International Affairs Division, managing Free Trade Agreement (FTAs), Bilateral Investment Treaties, WTO issues and Plurilateral cooperation. Nattinee was nominated member to the Thai FTA negotiating team and had negotiated several FTAs including Japan-Thailand Economic Partnership Agreement, the ASEAN-Australia-New Zealand FTAs, Thai-EU FTAs and many other Investment Promotion and Protection Agreements.

In 2007, Nattinee was appointed Consul (Investment Section), Royal Thai Consulate-General or BOI Frankfurt Office in Frankfurt am Main, Germany to promote investment from Northern Europe to Thailand and was nominated speakers in many international forums i.e. Automechanika, Hannover Messe and Asia Forum.

Nattinee have earned numerous certificates in the areas of trade negotiations and dispute settlement including International Bar Association: Mediation Psychology and Advocacy, Australian Disputes Centre: Mediation Training Course, Skills, Practice and Theory, Singapore Mediation Center: Strategic Conflict Management Skills, UNCTAD/ICSID: The Settlement of Investment Disputes, JICA Implementation of WTO Agreement, APEC/UNCTAD Investor-State Dispute Settlement, UNESCAP ARTNeT Consultative Meeting on Trade and Investment Policy Coordination, ADB/UNCTAD Training on Intensive Course on Investment, and WTO /ITD, Intensive Course on International Trade Negotiation Skills,



Asst.Prof.Dr. Seksan Udomsri

Founder and CEO at WONGPANIT KRABI CO., LTD. and Thai Ocean Plastic Recycling Co., Ltd.

In 2010, **Dr.Seksan** got the Ph.D. (KTH, Sweden) in energy engineering on combined electricity production and thermally driven cooling from municipal solid waste; Energy recovery from municipal solid waste and waste-to-energy application; Decentralized cooling in district heating network. He continued R&D activities, as assistant professors at KTH, in various energy applications from municipal solid waste; Absorption technology for heat driven cooling; Low-temperature heat driven absorption chiller.

Since 2012, he has expanded business activities as the founder of WONGPANIT KRABI CO., LTD. and Thai Ocean Plastic Recycling Co., Ltd. With the main idea to collect recycling and non-recycling plastics, ropes, poly ropes fishing nets as well as other recycling materials from Krabi's Islands and the Ocean back to the mainland in order to treat and deploy a better or proper waste management system i.e. reuse, recycling and final disposal for resource recovery.



Ms. Mona Mohammed

Programme Management Officer (Life Cycle Initiative, UNEP)

Mona Mohammed is a Programme Management Officer of the Life Cycle Initiative hosted by the United Nations Environment Programme based in Paris, France. Through the Life Cycle Initiative, Mona works on increasing access to LCA data, life cycle knowledge, and harmonized methodology for public and private stakeholders, including within UNEP, to implement SCP strategies. In her role, she works closely with the Building and Construction, and the Mobility sectors. Mona's background is in Environmental Engineering and Women and Gender Studies. Before joining the UN, Mona worked as part of the Humanitarian response in Yemen and Sudan.



Dr. Chen-Fu Chien

Tsing Hua Chair Professor
& Executive Vice President,

National Tsing Hua University,
Hsinchu, Taiwan

Dr. Chen-Fu Chien is Tsing Hua Chair Professor & Executive Vice President, National Tsing Hua University, Hsinchu, Taiwan. He is also President of Chinese Institute of Industrial Engineers (founded in 1962), Taiwan, President-Elect, Asia Pacific Industrial Engineering & Management Systems Society (APIEMS), the Director, Artificial Intelligence for Intelligent Manufacturing Systems (AIMS) Research Center, National Science Council of Science and Technology, Taiwan. Dr. Chien has served as Chief Expert for Intelligent Manufacturing and Circular Economy for the Asia Productivity Organization (APO) and the APO Accreditation Body Council Member. He is also Director, AIMS Fellows Executive Program, and the Director for Intelligent Manufacturing and Circular Economy Research Center, Director for Zhen-Ding Tech & National Tsing Hua University Joint Research Center, National Tsing Hua University, Taiwan. He received B.S. (Hons.) with double majors in industrial engineering and electrical engineering from National Tsing Hua University in 1990, M.S. in industrial engineering, and Ph.D. in operations research and decision sciences from the University of Wisconsin-Madison, Madison, WI, USA, in 1994 and 1996, respectively, and the PCMPCL Training from Harvard Business School, Boston, MA, USA, in 2007. From 2002 to 2003, he was a Fulbright Scholar with the University of California-Berkeley, Berkeley, CA, USA. From 2005 to 2008, he had been on-leave as a Deputy Director with Industrial Engineering Division, TSMC. He has received 12 US invention patents on smart manufacturing and published 6 books, over 200 journal papers, and 12 case studies in Harvard Business School. He has received National Quality Award, the Executive Yuan Award for Outstanding Science and Technology Contribution, three times of Distinguished Research Awards, and the Tier 1 Principal Investigator (Top 3%) from the Ministry of Science & Technology, the Distinguished University-Industry Collaborative Research Award from the Ministry of Education, the University Industrial Contribution Awards from the Ministry of Economic Affairs, the 2012 Best Paper Award of the IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING, and the 2015 Best Paper Award of the IEEE TRANSACTIONS ON SEMICONDUCTOR MANUFACTURING. He is among the world top 2% scientists.

RTD1b



Mr. Rick Passenier

Reventure (CE), Netherlands

Rick is a biobased and circular economy entrepreneur and consultant with a background in Industrial Product Design from Delft University of Technology (the Netherlands). Rick has worked with governments, corporations, non-governmental organizations and start-ups across the world in the transition towards sustainable and circular business operations and propositions. As a consultant, Rick has worked ±10 years in the chemicals, plastics and manufacturing industry and he currently uses that experience to drive biobased and circular system changes.

Rick is founder and director at PACE Business Partners, a sustainable materials consultancy company; founder and director of re:venture, a circular economy change agency, co-founder and board-member of the Global Organization for PHA (GO!PHA), a non-profit foundation to promote the use of PHA biopolymers; Trainer at CIRCO, a platform for circular business design; and Special Envoy at the Holland Circular Hotspot.



Dr. Lin Woon Leong

Senior Lecturer, School of Management & Marketing, Taylor's University, Malaysia

Dr. Lin Woon Leong is a senior lecturer at the Faculty of Business and Law, Taylor's University. Since completing his PhD from Universiti Putra Malaysia, and his MBA from East Anglia University, UK, his research focus has been in the areas of sustainability, circular economy, green innovation, corporate political strategy, business ethics, and corporate social responsibility. Within ethics, he explores factors influencing business and organizational ethics, and ethical behaviour. His other key research area in sustainability, ESG, corporate social responsibility focuses on green environmental practices and its relationship to organizational practices and performance. He has published numerous articles in refereed journals, including journals indexed by Thomson Web of Science (SSCI) and Scopus. His publications include Business Strategy and Environment, Corporate Social Responsibility and Environmental Management, The North American Economics and Finance, Sustainability, International Journal of Economics and Management, International Financial Study, Industrial Marketing Management, Administrative Sciences, Journal of Cleaner Production, Geojournal, and Environmental Science and Pollution Research.



Ms. Krittika Chaiwilai

Vice President Marketing, Thai Taffeta

Ms.Krittika Chaiwilai has been Vice President Marketing at Thai Taffeta Co., Ltd. handling major branded customers; Nike, Adidas, The North Face, Patagonia, JanSport, Eagle Creek, Columbia, Mountain Hardwear, and many more. Being successful with all the global brands and with her passion on the circular economy and sustainable business growth, she decided to launch her own brand "Earthology Studio" to communicate with the world how to live life responsibly. As the founder of "Earthology Studio", she creates and designs her collections by focusing on making the most of recycled materials and agricultural wastes.

Earthology Studio, leaded by Ms.Krittika, aims to inspire all generations to appreciate our local materials and knowledges while being aware that our impacts matter. Driving the circular economy requires collaboration through out the supply chain and working together to be a part of the solution to fight the climate change. The first essential collection from Earthology Studion " My Earth will go on" set a small example of the sustainable brand which doing more and better with less.



Ms. Thanyaporn Krichtitayawuth

Executive Director, Global Compact Network Thailand

Facebook : Thanyaporn Krichtitayawuth

Thanyaporn Krichtitayawuth (Thanya), is a Professional in volunteer management, and positive psychology (PhD.), and the Won the Award of Management Women, by the Prime Minister of Thailand, Prayuth Chan – Ocha, 2020 (from GDRI, The Gender and Development Research Institute)

She was invited to play a role in helping create a sustainable economy, society, and environment as the Executive Director of the Global Compact Network Thailand. A part of the UN Global Compact initiative coordinating to enable Thailand and related countries to achieve the 17 Sustainability Development Goals by 2030 for future generations. GCNT coordinates sustainability through processes and assessment tools for developing strategies throughout Thailand. It aims to raise awareness and boost goal-setting abilities in businesses and drive the private sector to collaborate regardless of which industry, its business context, or state of competition. Of course, the sustainability goals must correspond with and be truly co-beneficial for long-term business operations and society.

She had 24 years of experience in the corporate compliance system, engineering, and supply chain management, from Johnson & Johnson. (the world's largest health care company) and with Procter & Gamble. (the world's largest consumer product company), she developed and deploy the strategic initiative with automation, e-Mfg, and Data Analytics.

She won the Prestige level FDA Quality Award (2017, 2018, 2019) for relentlessly driving solid corporate governance and outstanding profile as site compliance director.

- Established & deployed an effective Quality System, and worldwide standards at the site ensured compliance with applicable external regulatory requirements (digital system in change management, computer system validation, complaint management, GMP, ISO audit, HALAL).
- Initiated innovation: Designed to Value Program for Listerine, Inventory Reduction, Regional Steering Team, Initiative platform.
- Implemented Direct Shipment Initiative, the consumer products can be transported directly from plant to market, with shorter lead time and lower cost. (supply chain management)



Dr. Nabil Haque

Research Fellow and Platform Manager for Aid Atlas, Stockholm Environment Institute

Nabil joined SEI in 2021 as a Research Fellow and Platform Manager for Aid Atlas. He is responsible for promoting the use of Aid Atlas and networking with researchers doing analysis and research based on aid data flows. His research interest includes climate technology transfer to developing countries, and the role of multilateral and bilateral agencies in facilitating this process.

Prior to joining SEI, he briefly taught environmental policy courses at North South University in Dhaka, Bangladesh. Before going back to graduate school, he served as an environmental advisor for the Promotion of Social & Environmental Standards in the Industry project implemented by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) in Bangladesh. His experience before joining GIZ focused on technology transfer in the brick sector, carbon finance and capacity building for low carbon development.

He completed his PhD in technology, policy and innovation from Stony Brook University in 2020, where his dissertation explored sustainability transition impacts of climate technology aid projects in recipient countries. He has a bachelor's degree in environmental science and master's degree in environmental resource policy from George Washington University.

RTD2a



Mr. Renaud Meyer

Resident Representative, United Nations Development Programme (UNDP)

Renaud Meyer started his assignment as UNDP Resident Representative to Thailand on 26 March 2019, coming from Nepal where he was the UNDP Country Director since January 2015.

Prior to that, Renaud served as Senior Deputy Country Director for UNDP Afghanistan from November 2012 to December 2014. UNDP Country Director in the Philippines from August 2008 to October 2012 and Deputy Country Director of UNDP China from August 2004 till August 2008.

Before serving UNDP in Asia, Renaud served four years in Headquarters as the Special Assistant to the UNDP Associate Administrator in the Executive Office in New York from 2002 to 2004 and as Special Assistant to the Director of the Bureau for Development Policy starting in 2000.

Renaud started his UNDP career as a Programme Officer (JPO) in Lebanon in 1998. Before joining the United Nations, Renaud Meyer worked in Tunisia for the French Ministry of Foreign Affairs.

A French citizen, Renaud Meyer holds a Master's in International Relations and Development Studies from the University of Strasbourg and graduated from the Institut D'Etudes Politiques of Strasbourg. He also completed a one-year programme of studies at the School of Foreign Service at Georgetown University in Washington D.C., U.S.A.



Mr. Jiraphat Thansandose

Head of Packaging, Nestle (Thai) Ltd.

Jiraphat Thansandose, A well-rounded person who is packed with multifaceted operation and business experiences (marketing&sale + safety&occupational health + supply chain + manufacturing + project management) in an international business environment. I have spent half of my career in Switzerland and the rest in regional roles based in Thailand. I'm a fast leaner and agile person who are ready to take any challenges elsewhere.



Dr. Savanit Boonyasuwat Kosolpisitkul

Vice President: Sustainability Strategy & Management, PTTGC

Dr.Savanit Boonyasuwat is currently Vice President of Corporate Sustainability at PTT Global Chemical Public Company Limited (GC), one of the leading and largest chemical companies in Asia. She graduated with a Doctorate in Chemical Engineering and Petrochemical Technology, Chulalongkorn University and Joint Academic Programme with University of Oklahoma, USA.

She is also a member of the national committee such as Circular Economy Sub-committee under Bio-Circular-Green Model. Dr.Savanit's main responsibility is leading the development and execution of company-wide strategic sustainability initiative, integrating sustainability throughout the company.



Dr. Reva Prakash

Deputy Team Leader, European Union's Resource Efficiency Initiative

Reva Prakash is the Project Coordinator for the EU-Resource Efficiency Initiative, GIZ - India. She has a PhD in International Politics from the Centre for International Politics, Organisation and Disarmament (CIPOD), School of International Studies, Jawaharlal Nehru University (JNU). Her research interests include Resource Efficiency and Circular Economy, International Environmental Politics, International Environmental Regimes, Environmental Agenda-setting and Norm Building, Eco-feminism, Market-based Mechanisms in Global Environmental Governance, and Environmentalism in the Global South.

She was a Visiting Researcher at the Wangari Maathai Institute for Peace and Environmental Studies, University of Nairobi (2015), Nairobi, Kenya. In 2014, she was selected as Scholars-in-Residence by the Goethe-Institut, Munich. In 2010, she received the Junior Research Fellowship in the UGC- National Eligibility Test and has been a Junior Research Fellow (2010-2012) and Senior Research Fellow with the University Grant Commission (2012-2015), India.

RTD2b



Ms. Anna Zinecker

Programme for Energy Efficiency in Buildings (PEEB) German International Cooperation (GIZ)

Anna is an advisor with the Programme for Energy Efficiency in Buildings (PEEB). In this global programme implemented by the French Development Bank AFD and GIZ, she works with governments and private sector experts on financing and policy for the transition towards a low-carbon and resilient building sector.

As a researcher and advisor for the International Institute for Sustainable evelopment, she published on fossil fuel subsidies, energy access and renewable energy. She supported the German Ministry of Development Cooperation as an advisor for sustainable energy. In Rwanda, she worked with entrepreneurs on innovative financing approaches for small hydro power plants and off-grid solar for the Energising Development programme. She started her career with the International Red Cross in Geneva.



Mr. Sattanathan Karthikeyan

Executive Director Confederation of Indian Industry (CII)

Sattanathan Karthikeyan, Presently heading Technical and certification services of Indian Green Building Council (IGBC) and GreenPro Ecolabelling. Leading a team of 25 architects and Engineers to offer certification services, development of rating systems & standards and related business development.

Became the head of IGBC technical division in the year 2016-17, facilitated venturing into new sectors by developing sector / building typology specific rating systems and offering certification services, conceptualised and executed projects funded by national and international funding agencies, restructured the certification team and systems for enhancing service delivery and the performance.

Played a leadership role in design and development of GreenPro Ecolabel which was launched in the year 2015. Built the GreenPro Ecolabel services as a separate business vertical. Contributed significantly for its growth and developed as a leading Ecolabel in the country which is also recognised by Global Ecolabelling Network and UNEP.

Before venturing into GreenPro and Green Building services, leading a team of 10 energy auditors for offering services related to industrial energy efficiency. Overall, having more than 21 years of experience in offering services related to sustainability in manufacturing industry and building sectors.

RTD3a



Mr. Suandi Darmawan Tanuwijanto

APAC Sustainable Development Manager, Corteva Agriscience

Since mid of 2021, **Suandi** is the Sustainable Development Manager for APAC region at Corteva Agriscience (Corteva, Inc. (NYSE: CTVA)), a publicly traded, global pure-play agriculture company that combines industry-leading innovation, high-touch customer engagement and operational execution to profitably deliver solutions for the world's most pressing agriculture challenges. Siting in the Global Responsibility team, his main roles and supports include company's sustainability strategy making, program planning and monitoring, target setting, and ESG reporting and disclosure. He mostly focuses his works on advancing sustainable agriculture to support achievements of Corteva's sustainability goals on sustainable innovation, GHG emissions reduction, and biodiversity.

For the past 16 years, Suandi has been involving in sustainability, sales & marketing, partnership acquisition, and government relations functions in the private companies, public organizations, and development programs. Prior his tenure in Corteva, Suandi led the design and implementation of 15 business model and practices to promote agriculture innovations and supporting services in partnerships with MNC, SME, and governments through PRISMA program in Indonesia for six years plus. He is proficient in value chain analysis for agriculture, aquaculture, and public sectors. Much of his works focus on food crops (corn, rice), perennial crops (cocoa, cashew, coffee), horticulture, and aquaculture.

He holds undergraduate degree in Industrial Engineering and was trained on Business Education (Fulbright program) and Innovation and Leadership subjects (Fujitsu program). He attained his MA degree in Public Administration and Public Policy from the University of York (UK) with the support from Chevening scholarship program in 2014.

Currently residing in Bali, Suandi enjoys gardening and travelling in his spare time.



Prof. Shabbir Gheewala

Head of Life Cycle Sustainability Assessment Laboratory, JGSEE, King Mongkut's University of Technology Thonburi

Professor Shabbir H. Gheewala is a full professor at the Joint Graduate School of Energy and Environment (JGSEE), Thailand where he teaches Life Cycle Assessment and has led the Life Cycle Sustainability Assessment Lab for over 20 years. He also holds an adjunct professorship at the University of North Carolina Chapel Hill, USA. His research focuses on sustainability assessment of energy systems; sustainability indicators; circular economy; and certification issues in biofuels and the agro-industry. He is a national expert on life cycle inventory as well as product carbon and water footprinting in Thailand. He mentors the research network on sustainability assessment and policy for food, fuel and climate change in Thailand. He has supervised over 30 PhD and 30 Masters students along with 15 postdoctoral researchers.



Mr. Peerapong Krinchai

Executive Vice President
(Corporate Engineering)

Charoen Pokphand Foods Public Company Limited

More than 30 year experience in multi-national companies especially in FMCG, beverage and food businesses.
- Long experience in driving the sustainable growth in businesses.
- Working committee in greenhouse gas emission and environ mental impacts in leading companies.
- 3R (Reduce-Reuse-Recycle) Committee and Water Resource Conservation Committee in leading companies.
- Working committee supporting and facilitating CPF 2030 Sustainability in Action.
- Chairman of CPF Net Zero SBT target set up working group.



Mr. Jirarot Pojanavaraphan

Managing Director, SC GRAND

Mr.Jirarot has seen that 'SC GRAND' can be a part of the solution and deliver value into fashion and textile industry. He has committed to the circular economy model and has transformed his company into sustainable textile and recycled hub since 2019.

Moreover, Jirarot has launched his own sustainable fabric named 'SC GRAND'
www.sc-grand.com which is made from 100% recycled raw material such as textile waste from weaving factory, cutting waste from garment factories and also old clothes from customers which used to be disposed in landfill or incinerated.

Additionally, he has registered for the trademark of his apparel in 2019 named 'CIRCULAR'
www.circular-club.com in order to educate and communicate to the market that recycled fabric can be designed in various styles, consume less natural resource and also to raise awareness and inspire fashion industry that we can make a difference together for our shared future.



Dr. Hari Ramalu Ragavan

APRSCP Board of Trustees (Malaysia)

Dr. Hari Ramalu Ragavan is the Principal Consultant at AKAR ASIA Consulting. He is a Board Member of APRSCP, and an Exco member of the Environmental Management and Research Association of Malaysia. Dr. Hari has 25 years of experience in environmental management and policy in Malaysia and Asia Pacific. He worked at University Malaya, the Federation of Malaysian Manufacturers, Centre For Environmental Technologies (CETEC) and served the United Nations Development Programme (UNDP) Malaysia Country Office as Programme Manager. He has advised UNDP, World Bank, USAID, UNIDO, UNEP and ADB in Sri Lanka, Papua New Guinea, Cambodia, Philippines, Nepal, Myanmar, Timor Leste and Vietnam as well as Malaysia in the areas of climate change and ecosystems management, involving communities, private sector and local governments.

RTD3b



Dr. Lunchakorn Prathumratana

SWITCH-Asia SCP Facility

Dr. Lunchakorn Prathumratana is the Project Manager of the SWITCH-Asia SCP Facility Programme. She has been working in the field of Green/ Sustainable Public Procurement and Eco Labelling for 10 years. Prior to joining SWITCH-Asia SCP Facility, she was in charge of managing and developing international collaborations in projects relating to Green Public Procurement and ECO Labels. She was also former project manager of the Thai Green Label programme and technical expert at GIZ.



Mr. Janejob Suksod

Director of Environmental Analysis Center, Pollution Control Department & Thai SCP Network Executive Committee

Working on Green Public Procurement Promotion for more than 10 years. Experienced in all process i.e. GPP promotion Plan development, Product criteria development, product certification. Play important roles on integration of Green product and services into the Prescribing of Supplies that the State Needs to Promote or Support and Prescribing of Procurement Procedures.



Mr. Numpol Limprasert

The Federation of Thai Industry & Thai SCP Network Executive Committee

Advisor - Sustainable Development
The Siam Cement PLC or SCG
1 Siam Cement road, Bangsue, Bangkok, 10800

Mobile +66 81427 8266, **E-mail :** numpoll@scg.com

Education

Bachelor of Mechanical Engineering
Chulalongkorn University

Master of Business Administration
Thammasat University

Working Experience

2022 – now	Advisor - Sustainable Development Director, The Siam Cement PLC
2016 – 2021	Sustainable Development Director The Siam Cement PLC
2012 - 2016	Sustainable Development Manager Center of Excellence and Sustainability Development The Siam Cement PLC
2009 - 2012	Sustainable Development Manager, Total Quality Promotion Center
2008 – 2009	The Siam Cement PLC Production Manager (Ta Luang)
2005 – 2008	The Siam Cement (Ta Lang) Co., Ltd. Energy Manager, Engineering Division
2008 - 2008	SCG Cement Co., Ltd. Managing Director SCI Eco Services Co., Ltd.

Others Position

- Former, Member and Secretary of SCG Sustainable Development Committee
- Former, Assistant Secretarial of CSR for SD Committee, SCG
- Former, Member of Climate Change and Energy Committee, SCG
- Former, Member of Circular Economy Committee, SCG
- Member of Water and Environment Institute for Sustainability Committee, The Federation of Thai Industries



Mr. Kirati Kosicharoen

Executive Vice President, The Stock Exchange of Thailand

Education

- MBA, Sloan School of Management (MIT). USA
- BBA (Marketing), Chulalongkorn University
- Director Certification Program by IOD (DCP210/2015)
- Senior Executive Education program (SIBA2014), CMMU
- Capital Market Academy (CMA16, 2013)
- Senior Executive Program (SEP 2010), Sasin School of Management

Mr. Kosicharoen oversees both Corporate services Group and Accounting and finance Group at SET. He got 20 years of experience in stock exchange industry. His current team won multiple awards, locally and internationally, in the fields of Property Management and Green Office as well as Green Procurement as follows: -

Recent Awards:

- "Green Office Excellence award – Gold level" from the Department of Environmental Quality Promotion
- "Thailand Energy award" in zero-energy building category from the Department of Alternative Energy Development and Efficiency
- "ASEAN Building Fire Safety Awards" from ASEAN Federation of Engineering Organization (AFEO)
- "Best in Building Health Winners" in Highest score of Fitwel Single tenant Building and Greatest Impact on Viral Response from The Center for Active Design (CfAD)
- "LEED Zero Waste" and "TRUE Platinum" from the U.S. Green Building Council (USGBC)



Dr. Zinaida Fadeeva

Team Leader, SWITCH-Asia SCP Facility

Dr. Zinaida Fadeeva is the Team Leader of the Sustainable Consumption and Production Facility (SCP Facility) of the SWITCH-Asia Programme. Zinaida has over 25 years leading international professional experience in policy for and practice of sustainable consumption and production (SCP) and Education for Sustainable Development, amongst others working with the United Nations University Institute for the Advanced Studies of Sustainability (UNU-IAS). Her work has focused on diverse topics such as tourism, plastics, construction, small and medium enterprises, procurement and lifestyle. Zinaida has worked extensively with governments, private sector, international organisations and academia in East, South East, South and Central Asia.

Plenary Closing Session



Dr. Suvit Maesincee

Former Minister of Higher Education Science Research & Innovation

Current Position
- President, Thai Vegetable Oil Plc
- Chairman of the 3rd National Health System Charter Development Committee
- Director, Prince of Songkla University

Education
- Ph.D. in Marketing , Kellogg Graduate School of Management, Northwestern University, U.S.A.
- MBA, National Institute of Development Administration
- Bechelor of Pharmacy, Mahidol University

Specialization
- Vision Design
- Future Scenario / Foresight
- Public Policy
- Strategy
- International Affairs and International Business

Former Positions / Experience:
- Minister of Higher Education, Science, Research and Innovation (2019-2020)
- Minister of Science and Technology (2017-2019)
- Minister Attached to the Prime Minister Office (2016-1017)
- Deputy Minister of Commerce (2015–2016)
- Director of Sasin Institute for Global Affairs (SIGA), Sasin Graduate Institute of Business Administration, Chulalongkorn University (2008–2014)
- Advisory Board to Market for Alternative Investment (MAI), Stock Exchange of Thailand (2007–2011)
  - Board of Director, Thai Oil Plc.
  - Board of Director, KTC Plc.
  - Board of Director, BJC Plc.
- Vice Minister for Commerce, Ministry of Commerce (2005–2006)
- Vice Minister of the Office of the Prime Minister (2004-2005)
- Advisor to the Deputy Prime Minister , Dr. Somkid Jatusripitak (2004)
  - Senior Consultant, LEK Consulting
  - Senior Consultant, Booz Allen & Hamilton



GUIDELINES FOR SPEAKERS

16th APRSCP Conference
21-23 November 2022 - Bangkok, Thailand

Plenary Session 1

GUIDELINES FOR SPEAKERS

21 November 2022 (Day 1)

Plenary Session 1:
Public-Private Regional Initiatives & Cooperation toward Net Zero Transition by SCP and Circular Economy:
"The Challenge of Industrial Decarbonization in Asia Pacific"

(Venue: Jamjuree Ballroom, M floor) 15:45 – 17:00

OVERALL THEME

In this plenary session, discussions will explore the industrial decarbonization challenges and opportunities in the Asia Pacific region that will be critical in the global fight against climate change to reduce GHG emissions and enable the public and private sectors' circularity via business innovations around the world. There is an urgent need to move from the predominant take, use, waste linear economy towards a regenerative circular economy – particularly in light of the many national and corporate pledges toward achieving net-zero carbon emissions by 2050.

OBJECTIVES AND OUTPUTS

To share knowledge, experience, and insight into the decarbonisation challenges of the Asia Pacific (APAC)

To provide ideas for future research and application needs to transition to net-zero by SCP and Circular Economy in the region

To investigate opportunities for collaboration and networking among the regions and organisations present in the global fight against climate change

INPUTS

Presentations of the speakers followed by Q&A and roundtable discussions

PS1: Keynote Presentation
15:45 – 16:05

Chair: Prof. Anthony Chiu, APRSCP Past President (Philippines)
Co-chair: Dr. Orathai Pongruktham, Thailand PPP Plastic and Dow Thailand
Keynote Speaker: Mr. Edwin C. Sagurton, Jr., Counselor for Economic Affairs, U.S. Embassy: **"Leveraging the Power of the Private Sector: How the U.S. is Engaging Companies to Fight Climate Change."**

PS1: Invited Panelists
16:05 – 17:00

Chair: Prof. Anthony Chiu, APRSCP Past President (Philippines)
Co-chair: Dr. Orathai Pongruktham, Thailand PPP Plastic and Dow Thailand
Guidelines for Speakers:

1. Dr. Henry Bastaman, Chairperson of PPBN Oversight Board, Indonesia: "Integrating Environmental Management in the National Development to Achieve Sustainable Development: The Implementations of Sustainable Consumption and Production (SCP) in Indonesia"

Speaker requested to share the development of the need for more integrated environmental management in the National Development Plan to achieve sustainable development in serving the implementation of Sustainable Consumption and Production (SCP) in Indonesia.

2. Mr. Rongphet Bunchuaidee, Deputy Executive Director of Thailand Greenhouse Gas Management Organizatiton (Public Organization): "Sustainable Greenhouse Gas Emission Management for the Supply Chain"

Speaker requested to address a central role in the battle against climate change and the mechanism that can help the environment with emission assessment and reduction of greenhouse gas.

3. Ms. Nhi Le, Head of Communication & Corporate Affairs, Unilever Vietnam – the representative of Public Private Collaboration on Plastic Circular Economy Vietnam: "Public Private Partnership to Build Circular Economy for Plastic Waste Management in Vietnam"

Speaker requested to address how Vietnam is taking advantage of global knowledge and progress in cooperation toward achieving decarbonization by SCP and Circular Economy.

4. Mr. Vichan Tangkengsirisin, Asia Pacific Industrial Solutions Director, Dow Chemical Company: "Enabling the net zero carbon dioxide emission through Innovation & Private and Government sector Collaboration"

Speaker requested to address how to set a goal of achieving net-zero carbon dioxide emissions by 2050. DOW's targets around advancing a circular economy and climate protection. To share experience, and eco-innovative sustainable business models as a way to address challenges with solutions that benefit the environment.

FOR THE DISCUSSION SESSION

What are the challenges for APAC in achieving decarbonisation?

What can Asian investors do to help the region catch up with the rest of the world?

What are the opportunities for collaboration and networking among the regions and organisations present?

GUIDELINES FOR THE SESSION

55 minutes in total – suggest 45 minutes or so of talk followed by 10 minutes specific Q&A

Focus on direct request on the presentation and try and steer the discussion on the recommendations to the end of the session. (Speakers to be introduced if profile submitted.)

TENTATIVE SCHEDULE OF THE SESSION

Time	Duration	
16.05 - 16.10	5 min	Introduction of Session and Presenters.
16.10 - 16.20	10 min	Presenter **Dr. Henry Bastaman**
16.20 - 16.30	10 min	Presenter **Mr. Rongphet Bunchuaidee**
16.30 - 16.40	10 min	Presenter **Ms. Nhi Le**
16.40 - 16.50	10 min	Presenter **Mr. Vichan Tangkengsirisin**
16.50 - 17.00	10 min	Moderated discussion with the public and panelist Summary and wrap up

Plenary Session 2

GUIDELINES FOR SPEAKERS

22 November 2022 (Day 2)

Plenary Session 2:
SCP Regional Program/ Activities to be implemented in the next 3-5 years on SCP and Circular Economy towards the Net Zero Transition in the Asia and the Pacific Region

(Venue: Jamjuree Ballroom, M floor) 9:00 – 10:15

OVERALL THEME

The overall theme of these sessions is to show SCP Regional Program/ Activities to be implemented in the next 3-5 years to drive an SCP and CE policy in the region toward achieving net-zero carbon emissions. The Asia Pacific needs established mechanisms for environmental protection, sustainable use of natural resources, and high quality of life for our population. Integrating CE in current sustainable consumption and production (SCP) policies in ASEAN offers promising contributions to net-zero transition, specifically focusing on ensuring SCP patterns as solutions for improving natural resources use, emphasizing the role of standards and consumer information to drive transformation.

OBJECTIVES AND OUTPUTS

To address the activities to be implemented in the next 3-5 years to drive an SCP and CE in the Asia and the Pacific region

To share an insight into the roadmap and action plan net-zero transition in the Asia Pacific (APAC)

To suggest that knowledge spillovers appear to be particularly strong for net-zero by using SCP and CE

To investigate opportunities for collaboration and networking among the regions and organisations present in net-zero transition

INPUTS

Presentations of the speakers followed by Q&A and roundtable discussions

PS2: Keynote Presentation
9:00 – 9:20

Chair: Dr. Yasuhiko Hotta, APRSCP Vice President (Japan)
Co-chair: Assoc. Prof. Dr. Sate Sampattagul, Thai SCP Network Executive Committee
Keynote Speaker: Prof. Masahiko Hirao, Research Center for Advanced Science and Technology, University of Tokyo: **"Policy Development for Reconfiguring Consumption and Production Patterns in the Asian region"**

The Keynote Speaker will discuss how new strategy and approach is required both in policy and business models to facilitate transition to net-zero society.

20 minutes in total – suggest 15 minutes or so of talk followed by 5 minutes specific Q&A

PS2: Invited Panelists
9:20 – 10:15

Chair: Dr. Yasuhiko Hotta, APRSCP Vice President (Japan)
Co-chair: Assoc. Prof. Dr. Sate Sampattagul, Thai SCP Network Executive Committee
Guidelines for Speakers:

1. Mr. Dwayne Appleby, Programme Manager, IGES:
"Draft Concept for APRSCP 5 – Year Strategic Plan"

Speaker requested to address how to synergize various ongoing initiatives on net-zero strategies and circular economy in the region, and what kind of collaborative efforts are required to help accelerate the world toward net zero transition by SCP and Circular Economy.

2. Dr. Mushtaq Memon, Regional Coordinator for Chemicals and Pollution Action Subprogramme, UNEP/ROAP:
"Regional Activities for Sustainable Consumption & Production"

Speaker requested to explain how UN Environment's Regional Office for Asia and the Pacific (ROAP) implemented in the region and provides support in the net-zero transition activities as well as circular economy.

3. Mr. Kai Hofmann, Project Director SCP CE Hub, GIZ Thailand:

Speaker requested to share experience and insight into how various governments, companies, and, organizations are responding. How could an organization benefit from better cooperation with net-zero strategies? The examples of the adverse effects of product manufacturing and consumption on society and the environment lie with consumers.

4. Dr. Zinaida Fadeeva, Team Leader, SWITCH-Asia SCP Facility:

Speaker requested to share policy and practice of sustainable consumption & production (SCP) with international professional experience. Demonstrated the area of sustainability policies resulting in the Asia and the Pacific region.

FOR THE DISCUSSION SESSION

What are key factors for advancement under the SCP Regional Program/ Activities to achieve Net-Zero?

What do you expect to be the roles of other stakeholders driving solution and taking urgent action to combat climate change and its impacts?

How do we scale-up and mainstream what has been achieved towards CE and SCP in the Asia and the Pacific Region?

GUIDELINES FOR THE SESSION

55 minutes in total – suggest 35 minutes or so of talk followed by 20 minutes specific Q&A

Focus on direct request on the presentation and try and steer the discussion on the recommendations to the end of the session. (Speakers to be introduced if profile submitted.)

TENTATIVE SCHEDULE OF THE SESSION

Time	Duration	
9.20 - 9.23	3 min	Introduction of Session and Presenters.
9.23 - 9.31	8 min	Presenter **Mr. Dwayne Appleby**
9.31 - 9.39	8 min	Presenter **Dr. Mushtaq Memon**
9.39 - 9.47	8 min	Presenter **Mr. Kai Hofmann**
9.48 - 9.55	8 min	Presenter **Dr. Zinaida Fadeeva**
9.55 - 10.15	20 min	Moderated discussion with the public and panelist Summary and wrap up

ROUNDTABLE 1

GUIDELINES FOR SPEAKERS

22 November 2022 (Day 2)

ROUNDTABLE 1:
SCP & Circular Economy in planning and implementation

(Venue: Jamjuree Ballroom, M floor) 10:45 – 15:15

OVERALL THEME

The session is to address SCP and CE are solutions that exist now and can be implemented today to combat climate change and enhance sustainability in the region by supporting a transformation towards net-zero. Developed plans and strategies for promoting SCP tools and technologies to support practical implementation in the industrial sectors and has been successfully implemented with good engagement from partner organizations in the region.

INPUTS

Presentations of the speakers followed by Q&A and roundtable discussions

RTD1a: Role of Future Technologies in SCP & Circular Economy
10:45 – 12:30

OBJECTIVES

To identify it as a future tool or technology that can support circular economy and sustainable production and consumption.

To share the knowledge and experience of using innovation and technology in the fight against carbon emission

To discuss the opportunities and challenges to apply the future technologies for net-zero transition

RTD1a: Invited Speaker
10:45 – 11:05

Chair: Ms. Ambreen Waheed, APRSCP Board of Trustees (Pakistan)
Co-chair: Dr. Jitti Mungkalasiri, Thai SCP Network Executive Committee
Invited Speaker: Dr. Rene Van Berkel, UNIDO Representative & Head of Regional Office in India: "**Innovation and Technology for Circular Economy**"

20 minutes in total – suggest 15 minutes or so of talk followed by 5 minutes specific Q&A

RTD1a: ROUNDTABLE SESSIONS
11:05 – 12:30

Chair: Ms. Ambreen Waheed, APRSCP Board of Trustees (Pakistan)
Co-chair: Dr. Jitti Mankalasiri, Thai SCP Network Executive Committee
Guidelines for Speakers:

1. **Ms. Nattinee Netraumpai,** Head of Corporate Affairs, Uniliver Thailand: "The Role of Future Technologies in Sustainable Consumption Production & Circular Economy"
2. **Asst.Prof.Dr. Seksan Udomsri,** Managing Director, Wongpanit Krabi Co.Ltd.: "Wongpanit Krabi"
3. **Ms. Mona Mohammed,** Economy Division, UNEP: "Role of Future Technologies in SCP & Circular Economy"
4. **Prof. Chien Chen Fu,** Chief Expert, Intelligent Manufacturing & Circular Economy, Asian Productivity Organization: "TSMC Way and Blue Lakes Strategy for Sustainable Manufacturing & Circular Economy"

FOR THE DISCUSSION SESSION

What are some examples of future tools and technologies suitable for transitioning in the region?

How to scale and mainstream gains from sharing knowledge using technology towards efficient resource utilization and regional SCP?

What are the barriers to future technology use that may not be successful in the region?

GUIDELINES FOR THE SESSION

85 minutes in total – suggest 10 minutes for each panelist to present followed by 30 minutes specific Q&A and discussion

Focus on direct request on the presentation and try and steer the discussion on the recommendations to the end of the session. (Speakers to be introduced if profile submitted.)

TENTATIVE SCHEDULE OF THE SESSION

Time	Duration	
11.05 - 11.10	5 min	Introduction of Session and Presenters.
11.10 - 11.20	10 min	Presenter **Ms. Nattinee Netraumpai**
11.20 - 11.30	10 min	Presenter **Asst.Prof.Dr. Seksan Udomsri**
11.30 - 11.40	10 min	Presenter **Ms. Mona Mohammed**
11.40 - 11.50	10 min	Presenter **Prof. Chien Chen Fu**
11.50 - 12.20	30 min	Q&A / Discussion between speaker, panelist, and participants
12.20 - 12.30	10 min	Summary and wrap up

RTD1b: Driving Forces for SCP & Circular Economy
13:30 – 15:15

OBJECTIVES

To overview of circular economy principles, highlighting the challenges and opportunities for driving a sustainable development in the region

To address the driving forces for SCP and CE for improving natural resources use, emphasizing to net-zero transition.

To investigate and explore the interconnectedness, barriers, and drivers between SCP tools and CE

RTD1b: Invited Speaker
13:30 – 13:50

Chair: Dr. Surachai Sathitkunarat, Thai SCP Network Executive Committee
Co-chair: Dr. Jonna C. Baquillas, APRSCP Board of Trustees (Philippines)
Invited Speaker: Mr. Rick Passenier, Reventure (CE), Netherlands:
"Translating sustainability ambitions into enabling actions"

20 minutes in total – suggest 15 minutes or so of talk followed by 5 minutes specific Q&A

RTD1b: ROUNDTABLE SESSIONS
13:50 – 15:15

Chair: Dr. Surachai Sathitkunarat, Thai SCP Network Executive Committee
Co-chair: Dr. Jonna C. Baquillas, APRSCP Board of Trustees (Philippines)
Guidelines for Speakers:

1. **Dr. Lin Woon Leong,** Senior Lecturer, School of Management & Marketing, Taylor's University, Malaysia: "What is Circular Economy & How Does It Work? - 5 key drivers"

2. **Ms. Krittika Chaiwilai,** Vice President Marketing, Thai Taffeta: "Driving Forces for SCP and Circular Economy: Earthology STUDIO"

3. **Ms. Thanyaporn Krichtitayawuth,** Executive Director, Global Compact Network Thailand: "Enabling BCG adoption Sharing High-Impact Policies and Measures"

4. **Dr. Nabil Haque,** Research Fellow and Platform Manager for Aid Atlas, Stockholm Environment Institute:

FOR THE DISCUSSION SESSION

What are the challenges and opportunities for driving sustainable development in the region?

What drives the SCP and CE or other countries' successful examples from their national and international work experience?

How can this region truly transition to Net-Zero?

GUIDELINES FOR THE SESSION

85 minutes in total – suggest 10 minutes for each panelist to present followed by 30 minutes specific Q&A and discussion

Focus on direct request on the presentation and try and steer the discussion on the recommendations to the end of the session. (Speakers to be introduced if profile submitted.)

TENTATIVE SCHEDULE OF THE SESSION

Time	Duration	
13.50 - 13.55	5 min	Introduction of Session and Presenters.
13.55 - 14.05	10 min	Presenter **Dr. Lin Woon Leong**
14.05 - 14.15	10 min	Presenter **Ms. Krittika Chaiwilai**
14.15 - 14.25	10 min	Presenter **Ms. Thanyaporn Krichtitayawuth**
14.25 - 14.35	10 min	Presenter **Dr. Nabil Haque**
14.35 - 15.05	30 min	Q&A / Discussion between speaker, panelist, and participants
15.05 - 15.15	10 min	Summary and wrap up

ROUNDTABLE 2

GUIDELINES FOR SPEAKERS

22 November 2022 (Day 2)

ROUNDTABLE 2:
Mainstreaming SCP & CE in priority sectors

(Venue: Jamjuree Ballroom, M floor) 10:45 – 15:15

OVERALL THEME

The session will address the mainstreaming of SCP and CE into key economic sectors in the region, as well as all other interested stakeholders, willing to learn more about the SCP approach and its implementation in the region. Sector-specific transition pathways are critical to the industry's ability to turn climate ambition into climate action. Overview of net-zero success in Chemical & Plastics and Construction sectors.

INPUTS

Presentations of the speakers followed by Q&A and roundtable discussions

RTD2a: Sustainable Chemical & Plastics
10:45 – 12:30

OBJECTIVES

To share knowledge, experiences and insights into how to develop Sustainable Chemical & Plastics

To share the effective sustainable consumption and production strategies, including through circular economy models, also best practices and recommendations

To explore innovative pathways to achieve net-zero in chemical and plastics

RTD2a: Invited Speaker
10:45 – 11:05

Chair: Ms. Jenny Tan, APRSCP Advisor (Malaysia)
Co-chair: Mr. Timotheus Lesmana, APRSCP Board of Trustees (Indonesia)
Invited Speaker: Mr. Renaud Meyer, Resident Representative, United Nations Development Programme (UNDP) : "**Sustainable Chemicals and Plastics**"

The Keynote Speaker will provide :
- Overview of Sustainable Chemical & Plastic
- Key success factors / challenge issues
- Contribution to the Net-Zero
- Next steps

20 minutes in total – suggest 15 minutes or so of talk followed by 5 minutes specific Q&A

RTD2a: ROUNDTABLE SESSIONS
11:05 – 12:30

Chair: Ms. Jenny Tan, APRSCP Advisor (Malaysia)
Co-chair: Mr. Timotheus Lesmana, APRSCP Board of Trustees (Indonesia)
Guidelines for Speakers:

1. Mr. Jiraphat Thansandose, Head of Packaging, Nestle (Thai) Ltd.:

- Roles of producer and supplier for the chemical & plastic
- Challenge issues for manufacturers. How to overcome?
- What are the benefits for manufacturers?

2. Dr. Savanit Boonyasuwat Kosolpisitkul, Vice President: Sustainability Strategy & Management, PTTGC: "Sustainable Chemicals & Plastics"

- Challenge issues for the plastic producer and how to overcome
- The situation of supply chain and marketing for the sustainable chemical & plastic
- What are your suggestions for consumer to the sustainable chemical & plastic

3. Dr. Reva Prakash, Deputy Team Leader, European Union's Resource Efficiency Initiative: "Mainstreaming SCP: India Experience"

- Roles of SCP in chemical & plastic sector
- Challenge issues for the SCP of chemical & plastic. How to overcome?
- What are the opportunities in Asia Pacific Region?

FOR THE DISCUSSION SESSION

What are the major problems and obstacles in the operation?

What are the most important success factors for your net zero journey?

What additional support or driving mechanism is needed from government agencies?

GUIDELINES FOR THE SESSION

85 minutes in total – suggest 10 minutes for each panelist to present followed by 30 minutes specific Q&A and discussion

Focus on direct request on the presentation and try and steer the discussion on the recommendations to the end of the session. (Speakers to be introduced if profile submitted.)

TENTATIVE SCHEDULE OF THE SESSION

Time	Duration	
11.05 - 11.10	5 min	Introduction of Session and Presenters.
11.10 - 11.20	10 min	Presenter **Mr. Jiraphat Thansandose**
11.20 - 11.30	10 min	Presenter **Dr. Savanit Boonyasuwat Kosolpisitkul**
11.30 - 11.40	10 min	Presenter **Dr. Reva Prakash**
11.40 - 12.20	40 min	Q&A / Discussion between speaker, panelist, and participants
12.20 - 12.30	10 min	Summary and wrap up

RTD2b: CE and SCP for Sustainable Construction Materials

Organized by APRSCP and Thai SCP Network with GIZ

13:30 – 15:15

BRIEF SESSION DESCRIPTION:

The construction industry consumes almost half of all extracted materials and is responsible for over 35% of all waste generated in the EU. The Ellen-Mac Arthur Foundation has calculated that adopting a holistic circular economy across four construction and industry-related product groups (i.e. cement, plastics, steel and aluminium) has the potential to reduce around 21% of global greenhouse gas (GHG) emissions. The International Resource Panel (IRP) has calculated for the G7 countries that material efficiency in residential buildings has the potential to reduce GHG emissions by 80%. Improved recycling practices and the substitution of energy-intensive materials with plant-based materials have significant reduction potential.

In Southeast Asia, the booming construction industry causes immense pollution, biodiversity loss and GHG emissions. In Thailand, emissions from the construction industry alone account for 19.64% of the country's total GHG emissions. Consequently, countries' development plans have prioritized circularity in the construction sector for instant Thailand the new Bio-Circular and Green Economy (BCG) Strategy, the 12th 5-year plan prioritizes CE in the construction sector and plans to use sustainable public procurement (SPP) and material standards in Malaysia.

The session will focus on knowledge exchange, in particular the overview of life cycle thinking approach to mitigate the GHG emission from construction sector as well as the lesson learned on the application of CE label in India.

OBJECTIVES

To identify contributes of net zero, which are important to make it a successful framework for climate action

To share the effective sustainable consumption and production strategies, creating a more sustainable future is everyone's responsibility

To explore innovative pathways to help fight the climate crisis

RTD2b: Invited Speaker
13:30 – 14:10

Chair: Mr. Noer Adi Wardojo, APRSCP Immediate Past President (Indonesia)
Co-chair: Dr. Nongnuch Poolsawad, Technology & Informatics Institute for Sustainability, NSTDA
Moderator: Mr. Kai Hofmann, Project Director SCP CE Hub, GIZ Thailand
Rapporteur: Ms. Pimpilas Nuntiphon, Country Coordinator, Scaling SCP, GIZ Thailand
Invited Speakers 1: Ms. Anna Zinecker, Programme for Energy Efficiency in Buildings (PEEB) German International Cooperation (GIZ): **"A perspective of life cycle approach in the construction industry"**
Invited Speakers 2: Mr. Sattanathan Karthikeyan, Executive Director Confederation of Indian Industry (CII): **"The role of CE label for the construction industry in India"**

RTD2b: Panel discussion - fish bowl
13:50 – 15:15

Main Moderator: Mr. Kai Hofmann, Project Director Scaling SCP, German International Cooperation

MODERATION PLAN

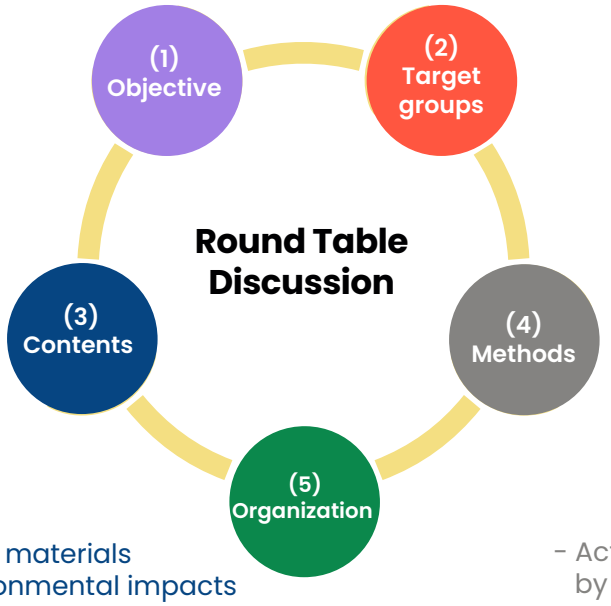
Roundtable Discussion "CE and SCP for Sustainable Construction Materials"

Tuesday 22nd, November 2022, 13.30-15.15 hrs. (GMT+7)

Overall objective:
- To introduce the sustainable approach for construction materials.

Specific objectives:
- To provide overview on the life cycle in construction sector as well as it environmental impacts
- To update and exchange about the policy frame-work in related sustainable construction

- Policy makers
- Private/Industry
- Academic/R&D

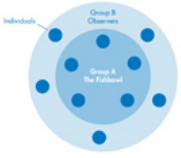


- Scope of construction materials
- Lifecycle and its environmental impacts
- Sustainable construction taxonomy
- Policy and framework to promote sustainable construction materials
- Good practices

- Active presentation by keynote speakers
- Q&A
- Open Fishbowl conversation

- **90 mins hybrid session:** (via ZOOM application) (13:30-15:15 hrs.)
- **Room:** Jamjuree 1, Pathumwan Princess Hotel, Bangkok
- **Chairperson:** Mr. Noer Adi Wardojo (APRSCP intermediate past president (Indonesia)
- **Co-chair:** Dr. Nongnuch Poolsawad, Technology informatic institute, NSTDA
- **Moderator:** Mr. Kai Hofmann, GIZ
- **Rapporteur:** Mrs. Pimpilas Nuntiphon Khoeiram, GIZ
- APRSCP hosted for coffee break, registration etc.

SESSION DESIGN

Time	Topics	Objectives/Output/Guiding questions	Methods /Template	Responsible	Equipment /Remarks
13.00-13.30 (30 mins)	**Registration** **IT check (for online participants)**	All facility checked-up and ready to start on time		Organization team IT support	Audio-Visual check ZOOM application Registration paper
13.30-13.35 (5 mins)	**Welcome participants**	Welcome and set up the scene. Brief all about the and how this session is important/interesting	Speech	Mr. Nore Adi Wardojo Chairperson	
13.35-13.40 (5 mins)	**Introduce session objectives, agenda, overview of the session**	Objectives, agenda, and process of the session are introduced **Guiding questions** - Why are we here? - What do we do today? - How will this 90-minutes session look like? - What do we expect our audiences to contribute today?	Presentation with slide	Mr. Kai Hofmann Moderator	Facilitation slides to be developed
13.40-13.45 (5 mins)	**Participant profile**	Participant profiles are checked **Guiding questions** Q1: In which sector you are currently work? - Government/Public - Private/Industry - Academic/Research - Others Q2: How familiar are you with the topic? - I'm beginner (want to learn more) - I'm experienced in the topic but not an expert - I'm an expert (want to share and exchange)	Popcorn (Participant to raise their hand), to preliminary check the background of knowledge as well as mini-ice-breaking	Mr. Kai Hofmann Moderator	OR using Mentimeter to scan QR code to answer those questions (alternative)
13.45-14.15 (30 mins)	**Keynote Speakers**				
13.45-14.00 (15 mins)	**Keynote I:** A perspective of life cycle approach in the construction industry (online/livestream)	An approach on sustainable construction is well-informed **Guiding questions** - What is sustainable construction? Why it is important?	Presentation with slide	Ms. Anna Zinecker Programme for Energy Efficiency in Buildings (PEEB) German International Cooperation (GIZ)	Livestream (ZOOM) without interpreter
14.00-14.15 (15 mins)	**Keynote II:** The role of CE label for the construction industry in India (online/livestream)	Application/case study from India on how CE label helps greeing the sector **Guiding questions** - What are the current situtation of construction in India (incl. trends) - What is an entry point?, How CE adpoted in this secor? - What are the major changes? - What are the lesson learned?	Presentation with slide	Mr. Sattanathan Karthikeyan Executive Director Confederation of Indian Industry (CII)	Livestream (ZOOM) without interpreter
14.15-14.30 (15 mins)	**Q&A**	Clarification of open questions		Mr. Kai Hofmann Moderator	Raising questions thru chat box also possible, assign co-moderator to collect question from on-line participants (of any)
14.30.14.45 (15 mins)	**Coffee break**				
14.45-15.10 (25 mins)	**Exchange/ Group Discussion**	**Guiding questions** - What are the challenges to implement the sustainable construction from your country perspective? - What would you recommend overcoming those challenges? - What could be the game changers?	Open Fishbowl conversation  Set up: reference A certain number of chairs (3-4 chairs) are arranged in an inner circle. This is the fishbowl. The remaining chairs are arranged outside the fishbowl. A few participants/ resource persons	Mr. Kai Hofmann Moderator	See above.

Time	Topics	Objectives/Output/Guiding questions	Methods /Template	Responsible	Equipment /Remarks
			are selected to fill the fishbowl, while the rest of the group sit on the chairs outside the fishbowl. In an open fishbowl, one chair is left empty. Moderator introduces the topic and the participants start discussing the topic. The audience outside the fishbowl listen in on the discussion. Any member of the audience can, at any time, occupy the empty chair and join the fishbowl. When this happens, an existing member of the fishbowl must voluntarily leave the fishbowl and free a chair. The discussion continues with participants frequently entering and leaving the fishbowl. When time runs out, the fishbowl is closed and the moderator summarizes the discussion.	**Resource person(s):** Dr. Apichat Praditsmanont Research and Innovation for Sustainability Center (RISC) Thailand (TBD) - Possible to invite Dr. Natasha and Dr. Alia since Mr. S Karthikeyan cannot join in person	
15.10-15.15 (5 mins)	**Conclusion** **Plan for the next steps** **Closing remarks**	**Guiding questions** - What are the highlighted of discussion? /Key take away - What to do next, how to make use of today's result? (incl. advertisement for the next day – B2B 23rd November (1330-1630) where this topic will be further elaborated. - Thank you, all participants, as well for their contribution	speech	Mr. Nore Adi Wardojo Chairperson <u>OR</u> Mr. Kai Hofmann Moderator	Session evaluation (?)

ROUNDTABLE 3

GUIDELINES FOR SPEAKERS

22 November 2022 (Day 2)

ROUNDTABLE 3:
Net Zero Transition with Collaborative Actions

(Venue: Jamjuree 2, M floor) 10:45 – 15:15

OVERALL THEME

The session is to address international cooperation is needed to get the world on track to meet its climate commitments, especially in region. Through international collaboration, we can make the net-zero transition possible and benefits that are shared across all parts of society. Without this collaboration, the transition to net zero emissions will be much more challenging and could be delayed by decades.

INPUTS

Presentations of the speakers followed by Q&A and roundtable discussions

RTD3a: Net Zero Transition with Collaborative Actions, particular focus on Bio-Circular-Green (BCG) initiatives
10:45 – 12:30

OBJECTIVES

To address the BCG initiatives to achieve net-zero emissions in the region

To share experiences and insights on how BCG initiatives can create impact on sustainability and net-zero transition

To explore opportunities and discuss issues for collaboration and networking among the regions on BCG

RTD3a: Invited Speaker
10:45 – 11:05

Chair: Dr. **Metinee Srivatanakul,** Thai SCP Network Executive Committee
Co-chair: Dr. **Jonna Baquillas,** APRSCP Board of Trustees (Philippines)

Invited Speaker: Mr. Suandi D. Tanuwijanto, APAC Sustainable Development Manager, Corteva Agriscience: **"Supporting The Transition to Net Zero"**

The Invited Speaker will provide how innovations and collaborative partnerships support BCG initiatives to achieve net-zero emissions in the region.

20 minutes in total – suggest 15 minutes or so of talk followed by 5 minutes specific Q&A

RTD3a: ROUNDTABLE SESSIONS
11:05 – 12:30

Chair: Dr. **Metinee Srivatanakul,** Thai SCP Network Executive Committee
Co-chair: Dr. **Jonna C. Baquillas,** APRSCP Board of Trustees (Philippines)
Guidelines for Speakers:

1. Prof. Shabbir Gheewala, Head of Life Cycle Sustainability Assessment Laboratory, JGSEE, KMUTT: **"Transition to Carbon Neutrality and BCG"**

Panelist requested to share experiences and insights on BCG initiatives and collaborative actions in Thailand and opportunities to increase collaborations in Asia Pacific Region.

2. Mr. Peerapong Krinchai, Executive Vice President (Corporate Engineering), Charoen Pokphand Foods PCL: **"Net Zero Transition with Collaborative Actions"**

Panelist requested to share experiences regarding roles and benefits of private sectors in BCG initiatives towards net-zero transition and insights on opportunities for collaborative actions

3. Mr. Jirarot Pojanavaraphan, Managing Director, SC GRAND: **"Sustainable Textile"**

Panelist requested to share experiences regarding roles and benefits of private sectors in BCG initiatives towards net-zero transition and insights on opportunities for collaborative actions

4. Dr. Hari Ramalu Ragavan, APRSCP Board of Trustees (Malaysia): **"The role of APRSCP and its national networks to enhance stakeholders' cooperation"**

Panelist requested to provide some of the initiatives that can be implemented to promote the development and implementation of BCG especially related to achieving Net Zero Transition. These include encouraging the development of incentives, indicators, standards, monitoring, and evaluation/assessment, and documentation of lessons learned and data sharing.

FOR THE DISCUSSION SESSION

How does the BCG collaboration achieve net-zero transition in the region?

What success factors influence regional international cooperation for collaborative actions in the BCG?

What are the challenges of collaborating and building inter-regional networks in the BCG to combat climate change?

GUIDELINES FOR THE SESSION

85 minutes in total – suggest 10 minutes for each panelist to present followed by 30 minutes specific Q&A and discussion

Focus on direct request on the presentation and try and steer the discussion on the recommendations to the end of the session. (Speakers to be introduced if profile submitted.)

TENTATIVE SCHEDULE OF THE SESSION

Time	Duration	
11.05 - 11.10	5 min	Introduction of Session and Presenters.
11.10 - 11.20	10 min	Presenter **Prof. Shabbir Gheewala**
11.20 - 11.30	10 min	Presenter **Mr. Peerapong Krinchai**
11.30 - 11.40	10 min	Presenter **Mr. Jirarot Pojanavaraphan**
11.40 - 11.50	10 min	Presenter **Dr. Hari Ramalu Ragavan**
11.50 - 12.20	30 min	Q&A / Discussion between speaker, panelist, and participants
12.20 - 12.30	10 min	Summary and wrap up

RTD3b: Net Zero Transition with Collaborative Actions, particular focus on National Green Directory for SCP
13:30 – 15:15

OBJECTIVES

To share knowledge, experiences and insights into how to develop National Green Directory (NGD)

To share experiences on how to make use of NGD to increase green procurement in both government and private sectors

To discuss the issues in detail on how to synergize and extend cooperation NGD and green procurement

To suggest ways and areas where green procurement can create big impact on SCP

RTD3b: Invited Speaker
13:30 – 13:50

Chair: Dr. Chaiyod Bunyagidj, Thai SCP Network Vice President & APRSCP Board of Trustees
Co-chair: Mr. Nimal Perera, APRSCP Board of Trustees (Sri Lanka)

1 Invited Speaker: Dr. Lunchakorn Prathumratana, SWITCH-Asia SCP Facility: **Technical Assistance to Thailand on Development of Vendor Registration System in Thai Green Directory"**

The Invited Speaker will provide overview on the development of Thai Green Directory to promote responsible consumption and how it contributes to overall sustainability, food supply and safety goals, overview progress in the region and potential program overlap so that others may benefit.

20 minutes in total – suggest 15 minutes or so of talk followed by 5 minutes specific Q&A

RTD3b: ROUNDTABLE SESSIONS
13:50 – 15:15

Chair: Dr. Chaiyod Bunyagidj, Thai SCP Network Vice President & APRSCP Board of Trustees
Co-chair: Mr. Nimal Perera, APRSCP Board of Trustees (Sri Lanka)
Guidelines for Speakers:

1. **Mr. Janejob Suksod,** Pollution Control Department & Thai SCP Network Executive Committee: **"Green Procurement in Thailand"**

   Panelist requested to share the results of Thai GPP, challenge issues on impact and report and how to overcome, and suggestion to improve National Green Directory to increase GPP.

2. **Mr. Numpol Limprasert,** The Federation of Thai Industry & Thai SCP Network Executive Committee: **"Thai Green Directory"**

   Panelist requested to share experiences regarding roles of FTI on the National Green Directory (NGD), challenge issues of NGD for manufacturers and how to overcome, and what are the benefits for manufacturers engaging to the NGD?

3. **Mr. Kirati Kosicharoen,** Executive Vice President, The Stock Exchange of Thailand: **"SET Green Procurement"**

   Panelist requested to share experience regarding the roles of private sector in green procurement as procurers and suppliers, results of green procurement in private sector and challenge issues, and provide a suggestion to improve green procurement in private sector and National Green Directory

4. **Dr. Zinaida Fadeeva,** Team Leader, SWITCH-Asia SCP Facility: **"Green Public Procurement: Developments in EU"**

   Panelist requested to share a view on EU experiences in Green Public Procurement (scope of GPP products/services/goods), challenge issues on GPP and how to overcome, and suggest about opportunities to increase GPP in Asia Pacific Region.

FOR THE DISCUSSION SESSION

How do we scale up and mainstream what has been achieved towards SCP?

What are the opportunities for collaboration and networking among the regions and organizations present both onsite and online?

GUIDELINES FOR THE SESSION

85 minutes in total – suggest 10 minutes for each panelist to present followed by 30 minutes specific Q&A and discussion

Focus on direct request on the presentation and try and steer the discussion on the recommendations to the end of the session. (Speakers to be introduced if profile submitted.)

TENTATIVE SCHEDULE OF THE SESSION

Time	Duration	
13.50 - 13.55	5 min	Introduction of Session and Presenters.
13.55 - 14.05	10 min	Presenter **Mr. Janejob Suksod**
14.05 - 14.15	10 min	Presenter **Mr. Numpol Limprasert**
14.15 - 14.25	10 min	Presenter **Mr. Kirati Kosicharoen**
14.25 - 14.35	10 min	Presenter **Dr. Zinaida Fadeeva**
14.35 - 15.05	30 min	Q&A / Discussion between speaker, panelist, and participants
15.05 - 15.15	10 min	Summary and wrap up

Plenary Closing Session

GUIDELINES FOR SPEAKERS

22 November 2022 (Day 2)

Plenary Closing Session:

(Venue: Jamjuree Ballroom, M floor) 15:30 – 16:45

Chair: Dr. **Pongvipa Lohsomboon,** Thai SCP Network Executive Secretary
Co-chair: Dr. **Yasuhiko Hotta,** APRSCP Board of Trustees (Japan)

Keynote Speaker: Dr. **Suvit Maesincee,** Former Minister of Higher Education Science Research & Innovation **"Bridging Net Zero Transition by SCP and Circular Economy"**

Summary Report of the 16th APRSCP

TENTATIVE SCHEDULE OF THE SESSION

Time	Duration	
15.30 - 15.35	5 min	Chair/Co-chair introduce the session & keynote speaker.
15.35 - 15.55	20 min	Presentation by **Dr. Suvit Maesincee**
15.55 - 16.10	15 min	Chair & Co-chair stimulate Q&A + discussion
16.10 - 16.45	35 min	Summary report presentation



SESSION SUMMARIES

16th APRSCP Conference
21-23 November 2022 - Bangkok, Thailand

SESSION: OPENING

16th Asia Pacific Roundtable on Sustainable Consumption and Production
Bridging Net Zero Transition by SCP and Circular Economy

Honorary Speaker & Opening Remarks: H.E.Mr. Varawut Silpa-archa
Welcome Address: Dr.Wijarn Simachaya, Mr.Sanjay Kumar
Date: 21 Nov 2022, 13.30-15.00

1. Challenges and Solutions

CHALLENGES

- Global crisis on climate change, biodiversity loss, and pollution
- Resources consumption intensity and waste management
- The adaptation CE in the supply chain, especially for SME
- The private sector transformation to meet market demand and fulfil customer need

SOLUTIONS

- Long-term cooperation between governments, businesses, non-profit organizations, development organizations and individuals
- Life Cycle Assessment is important for analyze and improvement
- The technology foresight, capacity building, and develop the ecosystem for business
- Driven efficiency, portfolio, compensation

2. Key emphasis points

- The circular economy is the important key for SCP
- The transform from liner economy to circular economy should focus on resources efficiency and extended the life of product and the recycle could be the last option
- Stakeholder is the key
- The technology foresight, capacity building, and develop the ecosystem is important

3. Proposals for policy makers/stakeholders

- The capacity building and development of ecosystem for SCP
- The cooperation and financial support for adaptation

SESSION: PLENARY 1

Plenary 1: Public-Private Regional Initiatives & Cooperation toward Net Zero Transition by SCP and Circular Economy

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Chair: Prof. Anthony Chiu
Co-Chair: Dr. Orathai Pongruktham
Date: 21 Nov 2022, 15.45-17.00

1. Challenges and Solutions

CHALLENGES

- The bridge between industry and government and private sector
- The GHG management for supply chain
- Plastic waste management the collection and segregation
- Net zero challenge from mitigation and adaptation

SOLUTIONS

- The knowledge management and networking for all stakeholders including the collaboration project
- Transformation from linear to circular economy and the CCU development
- Innovation, private and government sector collaboration

2. Key emphasis points

- The SCP important key is CE
- The management of supply chain is the important key for GHG management
- The innovation development for resource efficiency and the CCUS could help to achieve sustainable net-zero
- The collaboration from government, public and private sector need to overcome the challenge including the financial support

3. Proposals for policy makers/stakeholders

- The SCP important key is CE
- The management of supply chain is the important key for GHG management
- The innovation development for resource efficiency and the CCUS could help to achieve sustainable net-zero
- The collaboration from government, public and private sector need to overcome the challenge including the financial support

SESSION: PLENARY 2

Plenary 2: SCP Regional Program/ Activities to be Implemented in the Next 3-5 years on SCP and Circular Economy towards the Net Zero Transition in the Asia and the Pacific Region

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Chair: Prof. Yasuhiko Hotta
Co-Chair: Assoc.Prof.Dr. Sate Sampattakul
Date: 22 Nov 2022, 9.00-10.15

1. Challenges and Solutions

CHALLENGES

- SCP for happiness sufficiency
- Transform the SCP from Pollution Prevention, Life Cycle Efficiency to Circular & Sharing for the better one planet living

SOLUTIONS

- Rebrand APRSCP to focus more on CE
- Consumer empowerment
- Much more comprehensive way toward SCP and CE

2. Key emphasis points

- SCP link to the CE
- Rebrand APRSCP and focus more on policy communications
- Make voluntary to mandatory
- Material management for close loop and extension lifetime
- Promote more interactive policy on markets

3. Proposals for policy makers/stakeholders

- Needs for collaboration & Synergy
- Experimental opportunity spaces
- SCP & CE as new normal

SESSION: ROUNDTABLE 1 SCP & CE IN PLANNING AND IMPLEMENTATION

RTD1a: Role of Future Technologies in SCP & CE

Chair: Ms. Ambreen Waheed
Co-Chair: Dr. Jitti Mungkalasiri
Date: 22 Nov 2022, 10:45 – 12:30

1. Challenges and Solutions

CHALLENGES

- Climate change, Resource scarcity, Environment issues.
- Invited speaker and panelist show progress according to their domains (plastic, mobility, electronic. etc.) by energy and resource efficiency.
- Nowadays , UNIDO, UNEP, Unilever, Wongpanich propose excellent solutions.

2. Key emphasis points

- Employ technology solutions which could create economy and social positive aspects
- More resource efficiency is a need to achieve realistic circular economy
- Collaboration among partners is important
- It's not always more expensive to be more efficient.

3. Proposals for policy

- Regulation to support materials circularity in the region
- Sorting waste is a key of CE
- More financial support/incentive is need to drive CE at the beginning (the support may not come only from government, private sector could be crucial)

SESSION: ROUNDTABLE 1 SCP & CE IN PLANNING AND IMPLEMENTATION

RTD1b: Driving Forces for SCP & Circular Economy

Chair: Dr. Surachai Sathitkunarat
Co-Chair: Dr. Jonna C. Baquillas
Date: 22 Nov 2022, 13:30 – 15:15

1. Key emphasis

- PREVENT CONSUMPTION
- POLICY | government intervention is a key driver
- 5 KEY DRIVERS: ISO 14009, Circular Economy Action Plan, circular investment and access to finance, global supply chain fragility, climate change
- Consumer behavior is one of the biggest challenges
- RESEARCH GAP in CE space: Impact measurement, implementation of strategies (policy implementation research – a lot of strategies, how is the implementation?), bring the financial and regulatory frameworks together

2. Proposals for policy makers/stakeholders

- Policy intervention with tangible procedures and solutions
- Recognition and address data gaps – so there will be no overlapping of clusters, no need to reinvent or start from scratch
- Focus on the innovation system approach – develop scalable strategies for policy-making, market formation, knowledge development, knowledge diffusion, entrepreneur activity, resource mobilization, innovation diffusion

SESSION: ROUNDTABLE 2 MAINSTREAMING THE SCP AND CE IN PRIORITY SECTOR

RTD2b: CE and SCP for sustainable construction materials

Chair: Mr. Noer Adi Wardojo
Co-Chair: Dr. Nongnuch Poolsawad
Date: 22 Nov 2022, 13:30 – 15:15

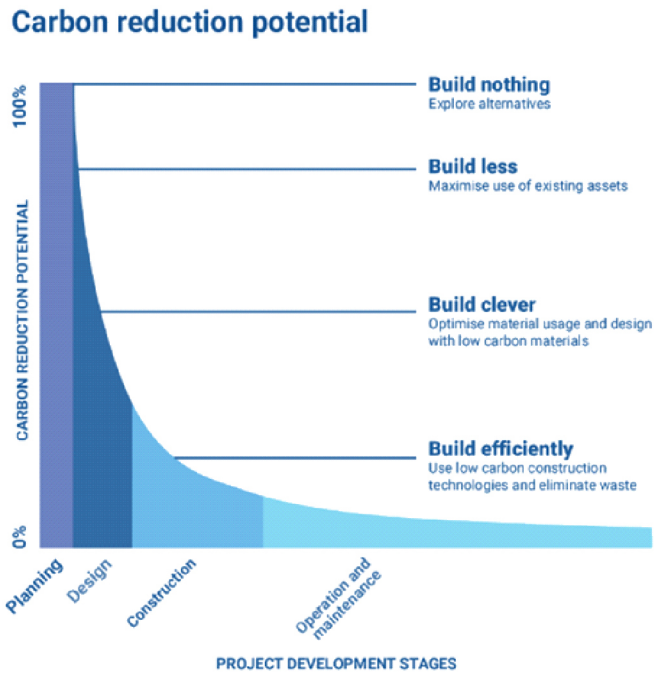
1. Challenges and Solutions

Challenges

- The construction industry consumes almost half of all extracted materials
- Currently no alternative to reducing the emissions of the most used building materials: steel-reinforced concrete and other conventional building materials like aluminum, plastic and glass
- Buildings and Construction ~ 12% of global GDP
- 7% of total global employment or 220 million jobs

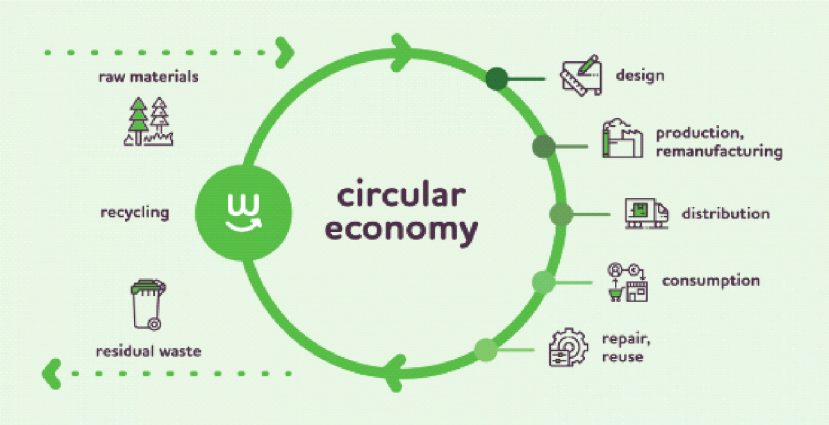
Solutions

- Avoid design better build (with less) e.g., life cycle analysis, resource efficiency, circular approach, durability, recycling etc.
- Shift use alternative building construction materials e.g., standardized and certified products, mainstreaming the alternative materials, improve the supply chain etc.
- Improve decarbonize conventional materials e.g., energy efficiency, process innovation, substitute with natural materials and fibers



2. Key emphasis

- Embodies emissions must be considered from the early planning and design stages onwards
- A simple matrix to guide the better decision is needed.
- Sustainable space management is a new term to be considered
- Need of the hours approach (integrated CE in the sector)



3. Proposals for policy makers/stakeholders

POLICY	FINANCE	KNOWLEDGE & CAPACITY
Climate Targets NDCs to guide policy and attract climate financing **Regulations** life-cycle emissions reporting requirements and limits **Standards and Norms** certification of new low carbon materials and adaptation of standards. **Labels** for low embodied emission buildings **Public procurement** life-cycle carbon, resource -efficient design and recycling.	**Financial incentives** green building programme and incentives such as tax rebates **Investors** support investor in implementing decarbonization policies and transparency through reporting requirement. **Development Banks** embodied carbon accounting in projects and including embodied carbon as a criteria for financing	**Technical Knowledge** applied research, innovation among manufacturers and suppliers, knowledge of architects and construction companies and national testing facilities. **Data** country-specific building material databases to calculate emissions. **Market development** business skills for sustainable building materials; market potentials and customer awareness.

SESSION: ROUNDTABLE 3 NET ZERO TRANSITION WITH COLLABORATIVE ACTIONS

RTD3a: Net Zero Transition with Collaborative Actions, particular focus on Bio-Circular-Green (BCG) initiatives

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Chair: Dr. Metinee Srivatanakul
Co-Chair: Dr. Jonna Baquillas
Date: 22 Nov 2022, 10:45 – 12:30

1. Key emphasis

- COLLABORATIVE ACTION becomes a catalyst for promoting net zero transition – a multistakeholder approach is needed
- PARTNERSHIP is cross-pollination between the government and other players within the value chain
- SCIENCE-BASED SOLUTIONS are needed – use of innovation and technology
- Businesses – big or small – can implement net zero initiatives through collaborative actions with various stakeholders: Be part of the solution!

2. Proposal for policy

- Create an ENABLING ECOSYSTEM for businesses to engage in Net Zero strategies
- Develop INCENTIVES and INDICATORS as part of government policies
- Farmers need to work SMARTER instead of HARDER – use innovation and technology to further sustainable farming
- Adopt the BCG bio-circular-green ECONOMY MODEL: food and agriculture (ensure food security), medical and wellness, energy, material, and biochemical, tourism & creative economy

SESSION: ROUNDTABLE 3 NET ZERO TRANSITION WITH COLLABORATIVE ACTIONS

RTD3b: Net Zero Transition with Collaborative Actions, particular focus on National Green Directory for SCP

Chair: Dr. Chaiyod Bunyagidj
Co-Chair: Mr. Nimal Perera
Date: 22 Nov 2022, 13:30 – 15:15

1. Key emphasis

- Green public procurement is a KEY DRIVER in mainstreaming sustainability initiatives and a key contributor to net zero targets
- Development of a VENDOR REGISTRATION SYSTEM, those that are certified or comply with green criteria, can help promote suppliers in the marketplace as well as effectively increase assessability for procurers
- Private sector play an important role in GPP because they are more flexible and have the capacity to procure green products/ services/components as well as “green works” both at B to C and B to B.

2. Proposals for policy makers/stakeholders

- In order to increase the impact of GPP, expanding GPP to include “green works” are the essential part
- Capacity building activities for suppliers, for business consumers, and individual consumers
- Strengthen collaboration between the government and the private sector to encourage businesses to engage in sustainable procurement activities
- Strengthening procurement monitoring and reporting system to include all key target groups

SESSION: PLENARY CLOSING

Handover Session

Closing Summary: : Dr. Yasuhiko Hotta
Date: 22 Nov 2022, 16:30 – 17:00

Despite of post-COVID 19 pandemic and challenges and difficulties paused by the war in Ukraine, under the leadership of the chair of organizing committee: Dr. Wijarn, Thai SCP and APRSCP foundation and sponsors from Thailand, we could successfully organize the 16th APRSCP.

I would like to emphasize the 5 main takeaways from the 16th APRSCP

1. Mainstreaming of SCP through net-zero and CE agenda is happening. It is a time for a shift from mainstreaming sustainability in policy agenda into facilitation/implementation mechanisms of SCP in business models and consumer practices.
2. APRSCP recognizes there is a growing demand for mainstreaming new business models in the era of 1.5-degree target and CE. New business and service model development is crucial in addition to greener practices of business as usual. Combination of push and pull policy for market is necessary more than before. Especially CE is becoming as a widely recognized policy agenda in the area of SCP as well as an emerging business opportunity.
3. Envisioning is required for directing resources and investment for new business models and manufacturing practices as well as consumer behavior. Facilitating experimental practices for social-technical transition is required to realize a long-term vision of sustainable society. APRSCP would like to help stakeholders to share such visions and practices based on visions for realizing net zero through CE.
4. APRSCP would like to re-emphasize the role of governmental policy to transform market. There are clear needs from market and businesses for nurturing and upscaling new business models and lifestyles based on SCP patterns in response to mainstreaming of net-zero and CE agenda.
5. Role of Asia Pacific region, especially Southeast Asia and South Asia is expected to increase in the future. The stakeholders in the region need to recognize their responsibility in taking a leadership in global agenda setting and regional-level implementation of such agendas. APRSCP can play an active role to help regional stakeholders to show their commitments and leadership to global and regional processes for net zero and CE.



BACK-TO-BACK SESSIONS

16th APRSCP Conference
21-23 November 2022 - Bangkok, Thailand

Back-to-back: side event 1

The Asia Pacific Roundtable

on Sustainable Consumption and Production

(APRSCP 2022: Carbon Neutral Event)
"Bridging Net Zero Transition by SCP and Circular Economy"

21-23 November 2022,
Pathumwan Princess Hotel, Bangkok, Thailand (hybrid event)

BACK-TO-BACK Event by ERIA and IGES
23 Nov 2022, time slot of 9-12 AM

Background

"Extended Producer Responsibility (EPR) is an environmental policy approach that extends a producer's responsibility for a product to the post-consumer stage of the product's life cycle. To respond to the increasing amount of post-consumer waste, including plastics, a number of countries have started introducing this "polluter pays principle" as their policy instrument. In Asia, some countries have a longer experience with -EPRsystems such as the Republic of Korea which introduced Deposit Refund System (DRS) in 1992 , and followed by an EPR system for packaging in 2003 , and Japan, which introduced the EPR policy by enacting the containers and packaging recycling law in 1995 . Other countries in Asia are following suit: -India introduced the application of EPR for plastic waste and e-waste in 2011 , Indonesia has set targets for upstream plastic waste reductions efforts Ministerial Regulation 75/2019 , and Singapore implementing reporting system for e-waste and plastic packaging to actively regulate upstream waste since 2019, and is preparing an EPR system to be implemented no later than 2025 with the launch of Zero Waste Master Plan . Countries preparing or considering introducing the EPR system include Viet Nam, Thailand, Malaysia, the Philippines and Cambodia.

Peer-to-peer learning and sharing of good practices from countries that have years of experience are valuable. The challenges they faced, along with how they overcame them can save valuable time and resources for countries that follow suit. However, it should also be noted that developing Asian countries have a set of challenges that have to be taken into account, such as (1) the existence of a market-based collection system for recyclables, (2) high transportation costs, (3) lack of waste collection services in rural areas, (4) a limited number of facilities to manage certain types of plastic waste, (5) insufficient pollution control and (6) free riders and orphan products .

In this back-to-back event, countries that are in the above mentioned three different stages of EPR implementation status are invited to share their lessons learned and experience.

OBJECTIVES OF THE EVENT

The Regional Knowledge Centre for Marine Plastic Debris of ERIA, along with the Institute for Global Environmental Strategies (IGES) organize the APRSCP back-to-back hybrid event- with the following main objectives:

1. Introduce key concepts and objectives of EPR for plastic waste reduction in the Asian context;
2. Share reflections from Japan, and the Republic of Korea's EPR schemes and their lessons learned;
3. Share the implementation status of India, Indonesia and Singapore on their introduction of the EPR system and the challenges they face, and;
4. Discuss main challenges and key takeaways for countries which are preparing the introduction of the EPR scheme.

SPEAKERS:

Open remark	ERIA/IGES	
Countries with longer experience	Japan	Mr. Michikazu Kojima (Senior Advisor, ERIA/ Chief Senior Researcher, IDE-JETRO)
Countries that introduced EPR recently	India	Mr. Pranshu Singhal (Founder of Karo Sambhav, India)(to be confirmed)
Countries that are preparing /considering the EPR system	Thailand Malaysia Cambodia	Panate Manomaivibool, PhD (Head of the Circular Economy for Waste-free Thailand (CEWT) Research Center, the School of Science, Mae Fah Luang University) Ms. Pauline Goh (General Manager of MAREA, Malaysia) Mr. Federico Tempestilli (Circular Economy Consultant, UNDP, Cambodia)
Q&A		Discussion

[1] https://olc.worldbank.org/system/files/Case%20Study%20-%20Expanding%20Producer%20Responsibility%20for%20Waste%20Management%20in%20Korea%20-%20From%20the%20Deposit%20Refund%20System%20to%20Extended%20Producer%20Responsibility.pdf
https://www.oecd.org/environment/waste/OECD_EPR_case_study_Korea_revised_140522.pdf
https://www.oecd.org/environment/waste/EPR_Japan_packagingFinal%20corrected0502.pdf
https://www.eprconnect.in/assets/pdf/pwm-rules/Draft%20_Guidelines%20_for_EPR_Implementation_Plastic_Waste_Management_2016_Producer_Brand%20Owner_Importer_manufacturer_CPCB_models_framework_credit_takeback_registration_form1.pdf
https://epr-indonesia.id/the-legal-framework-in-indonesia
https://www.nea.gov.sg/our-services/waste-management/mandatory-packaging-reporting
https://journals.sagepub.com/doi/10.1177/0734242X211013412

Back-to-back: side event 2

16th Asia Pacific Roundtable

on Sustainable Consumption and Production

(16th APRSCP 2022: Carbon Neutral Event)
"Bridging Net Zero Transition by SCP and Circular Economy"

21-23 November 2022,
Pathumwan Princess Hotel, Bangkok, Thailand (hybrid event)
Back-to-Back (Side Event)

"Public Private Collaboration in Action"
Wednesday 23rd November 2022, 9:00-12:00 hours
Organized by Plastic Industry Club, The Federation of Thai Industries

Context

"Plastic waste" is one of the main causes of environmental problems around the world, including Thailand. Thailand is considered as one of the world top countries which produce the largest per capita of plastic waste. One-third of the plastic waste is disposed of by improper methods with high potential of leakage into the environment. To address the challenges related to sustainable plastic waste management, all sectors must strongly commit and work together to take concrete actions. Adoption of circular economy (CE) and sustainable consumption and productions (SCP) principles, particularly via reduce, reuse, recycle and re-design, are ones of the fundamental approaches to systematically implement plastic waste management throughout the plastic value chain from the manufacturing sector, consumption to waste management. Sustainable use and management of plastics waste through CE and SCP can also offer an opportunity for Thailand's economic development as it can create added-value along with the cost-effective use of resources and sustainable in environment.

Recognizing the urgency to tackling plastic waste issues, PPP Plastics was established on 5th June 2018, by the Plastic Industry Club, the Federation of Thai Industries (FTI) together with Thailand Business Council for Sustainable Development (TBCSD). PPP-Plastics aims to driving the sustainable management of plastic waste through collaboration with multi-sectoral stakeholders such as government agencies, public organizations, private sectors, international organizations, and educational institutions.

Specifically, PPP-Plastics supports the development and drives the implementation of Thailand Roadmap on Plastic Waste Management and the National Agenda on Bio-Circular-Green Economy Model. PPP-Plastics priorities on 5 key areas of actions including:

1. **Infrastructure:** Development of the Circular Economy Model - comprising of Klong Toey (City) Model, Rayong Model and Magic Hand x Won project.
2. **Policy and Registration:** Development of national policy framework and implementation of the policy- serving as Subcommittee on plastic and e-waste management appointed by the National Environmental Board.
3. **Database:** Development of national plastic waste database-material flow analysis.
4. **Innovation:** Initiation of innovative and environmental friendly approaches to utilize hard-to-recycle used plastic packaging into asphalt road construction.
5. **Education and Communication:** Promotion of sustainable use of plastic and waste segregation at sources through PPP-Plastics activities and campaign, and development of curriculum on circular economy for general education nationwide.

OBJECTIVES OF B2B SESSION ON "PUBLIC PRIVATE COLLABORATION IN ACTION"

To disseminate knowledge and share lessons learned from the implementation of PPP-Plastics through the 5 priority areas;

To discuss key concrete next steps of PPP-Plastics implementation;

To strengthen the multi-sectoral stakeholder coordination and expanding the collaborative network.

PARTNERS IN THE SESSION

1. PPP Plastics implementing partners
- Siam Piwat
- Rayong Provincial Administrative Organization
- Local Administrative Organization, Interior Ministry
- Bangkok Metropolitan Administration

2.PPP Plastics founder/secretariat and member organizations
- Plastic Industry Club, FTI
- Thailand Business Council for Sustainable Development (TBCSD)
- Thai Plastic Industries Association
- Plastic Institution of Thailand
- Thailand Environment Institute (TEI)
- PPP-Plastics members
- PPP-Plastics collaborative partner organizations

PROGRAM AGENDA

Date: Wednesday 23rd November 2022
Time: 9:00-12:00 (ICT) **Duration:** 3 hrs.

Time	Topic/Activity
08.30 - 09.00	Registration
09.00 - 09.15	Opening speech by Mr.Viraj Klewpatinond Chairman of Plastic Industry Club, The Federation of Thai Industries
09.15 - 09.25	VDO Presentation : Introduction of PPP Plastics
09.25 - 10.30	Knowledge and Experience Sharing from the implementation of PPP Plastics Project - Mr. Kongsak Dokbua, Project Manager of Eco Digi-clean Klongtoei Project - Mrs. Somchit Nilthanom, Project Manager of Rayong Less Waste Project - Mr. Pravit Pornbhipatkul, Project Manager of Recycled Plastics in Roads Study Project - Dr. Wijarn Simachaya, President of Thai Environment Institute (TEI), the Secretary-General of Thailand Business Council for Sustainable Development (TBCSD), Magic Hands Project
10.30 - 10.45	Break
10.45 - 11.45	Panel Discussion: Success Case of Public Private Collaboration in Action and ways forward by PPP-Plastics Implementing Partners - Ms. Narathip Rattapradit, Chief Operating Officer of Siam Piwat Company Limited - Dr. Panuwatt Ontes, Director of Solid Waste Management Service Division, Environment Depart, Bangkok Metropolitan Administration (BMA) - Mr. Teerapan Siripagmanon, dierctor group of Local Adminitrative Development - Mr. Montree Chanachaiviboonwat, Advisor Chief Executive of Rayong Provincial Administrative Organization - Ph.D. Hathaikarn Manuspiya, Director of Center of Excellence on Petrochemical and Materials Technology (PETROMAT)
11.45 -11.55	Q&A
11.55 - 12.00	Closing by Mr. Paradorn Chulajata, Chairman of PPP-Plastics

Back-to-back: side event 3

16th Asia Pacific Roundtable

on Sustainable Consumption and Production

(16th APRSCP 2022: Carbon Neutral Event)
"Bridging Net Zero Transition by SCP and Circular Economy"

21-23 November 2022,
Pathumwan Princess Hotel, Bangkok, Thailand (hybrid event)

BACK-TO-BACK (Side Event):
Building sustainability into the Agri-food value chains : Future Food Together
WEDNESDAY, NOV 23, 2022, 09.00-12.00
Organized by WWF Thailand

Context

"Sustainability is set to become the new business model for the rest of the 21st century. To stay in business, tomorrow's companies need to build value continually, innovate in productivity and increase profits. Nothing new here.

Running a "sustainable" business, and business approach that helps solving environmental and socio- economic problems, is not about recycling and tree-planting programmes, it's about putting sustainability at the core of your shareholder value proposition. To achieve sustainability transformation in companies or to innovate business practices for sustainable development, the business operations need to be transformed to address sustainable values.

Agri-food and forest systems are vital for meeting the needs of society, the economy, and the planet. They play significant roles in production, trade, and the environment. Companies in the agri-food sector are under increasing pressure to adopt sustainable practices that consider not only economic but also both social and environmental aspects. The growing attention paid by policy makers, non-governmental organizations and scholars has prompted agri-food companies to incorporate sustainability into their corporate strategies. On the consumption side, food security, health concerns, climate change, and sustainability that are leading towards reduction of resources used and environmental footprints are increasingly shaping individual consumption choices, or diets, and becoming important themes at a policy and social level.

Global trends: challenges and opportunities

As the prime connection between people and the planet, sustainable food and agriculture have great potential to address many of our challenges, serving up affordable, nutritious food, strengthening livelihoods, revitalizing rural and urban landscapes, delivering inclusive national growth, and driving positive change. Value chain actors involved in the agri-food systems—growers, food processors, distributors, retailers, consumers, and food waste managers—can play a role in ensuring a sustainable food system.

Enabling policy environment; In recent years, an increasing number of governments have started implementing policies and strategies to meet this objective. For instance, the EU Farm to Folk strategy, the UN Food system summit in 2021 where many countries adopted Sustainable National Food System pathways. Nevertheless, stronger efforts are needed to significantly improve the sustainability in the agri-food value chains, especially stronger emphasis for sustainable agriculture, materials management and the circularity of economies across the world.

Green investment trend, emerging technologies and innovations; the Agri-food industry is being increasingly eyed by entrepreneurs and investors. A crop of new, promising technologies that have the potential to reshape agriculture is emerging. Investors are showing greater interest in the Agri-food industry and its startups. The amount of money pouring into Agri Food tech has increased more than sixfold since 2012: from $3 billion to almost $18 billion in 2021, according to AgFunder.

The digitalization of agri-food supply chains, and innovative business models; Digitalization enables food supply chains to be highly integrated, effective, and responsive to consumer demands and regulatory requirements. It also facilitates development of a shorter and decarbonizing supply chain. In addition, Innovative business models are emerging in the agri-food sector to fulfill the existing gap towards closed-loop and nature positive- food supply chains.

Growing demands for sustainable agri-food products: The climate crisis and COVID-19 pandemic offer countries an opportunity to build recovery plans that will reverse current trends and change our consumption and production patterns towards a more sustainable future. Consumers spent a total of €8.2 billion environmentally friendly products in 2020, an increase of 7% compared to 2019. The share of sustainable products in total food spending increased by 2% in that year

[1] Information note of Switch Asia Facility: Rethinking Agri-food Systems through Circular Economy and Resource Efficiency (June 2022)
[2] Annual Sustainable Food Monitor of Wageningen University & Research.

Circular economy and agroecology approach: The circular economy attempts to reduce consumption of resources by promoting a more efficient use of materials and energy through reuse and recycling of waste. Agroecology aims to close cycles at a maximum geographical scale, such as that of agriculture and livestock farming. Utilization of renewable resources, maximizing the efficient use of resources and maximum possible reuse of waste, all of which leads to an improvement in the emissions balance by the agro-food system as a whole. "Agroecology and Circular economy" serves to highlight the importance of employing renewable and circular resources in the future of agriculture and food production.

OBJECTIVES

Side Event: Building sustainability into the Agri-food value chains: Future Food Together
WEDNESDAY, NOV 23, 2022, 09.00-12.30,

Leveraging the importance and opportunity for building sustainability into the Agri-food value chains, WWF Thailand under project SCP- Future Food Together, together with key partners will host a BACK-TO-BACK (Side Event) of the 16th APRSCP 2022, which will bring together practitioners to discuss on opportunities and business approaches for building sustainability into the Agri-food value chains.

The session will present and showcase business models, key value propositions, and recommendations for companies and policy makers to address sustainability issues, within the agri-food value chains, based on market research and social listening of Thai's consumers and agri-food businesses. Through the examples the value chain development on the basis of inclusion and justice, circular economy, protecting and restoring nature and empowering consumers to make better-informed decisions, as core values of business operations, could be key approach to ensure that all people have nourishing & healthy food, and that this is produced in the way that promote restoration of forest, improvement of soil, biodiversity, and deliver stronger rural livelihoods and resilience.

PARTNERS IN THE SESSION

- WWF Thailand
- Agricultural and Food Marketing Association for Asia and the Pacific (AFMA)
- Thai Organic Innovation Foundation (TOF)
- Thailand Development Research Institutes (TDRI)

PROGRAM AGENDA

Date: Wednesday 23rd November 2022
Time: 9:00-12:00 (ICT) **Duration:** 3 hrs.

Time	Topic/Activity
09.00 - 09.30	Registration
09.30 - 09.40	Welcoming remarks by WWF Thailand – Thailand SCP Future Food Together Project
09.40 - 10.20	**Trend, gaps and opportunity** Market Research and Social Listening: Eco-awakening- Gaps and Opportunities, and prioritized sustainability topics for sustainable Agri-food value chains. INTAGE (Thailand) Co., Ltd. and Wisesight (Thailand) Co., Ltd.
10.20 -10.45	**Business model for sustainable agri-food value chains** FLR349 SE: Social enterprises business model for restoration of forest, improvement of soil, biodiversity, and rural livelihoods and resilience. Thailand Organic Innovation Foundation (TOF)
10.45 - 11.10	A study of Social Return on Investment (SROI) of Forest Restoration Project FLR349 Thailand Development Research Institutes (TDRI)
11:10 -11:30	**Digital tools for low-carbon business operations** Sustainability to Profitability I Active Carbon Credit Digital Platform for Carbon Neutrality Agricultural and Food Marketing Association for Asia and the Pacific (AFMA)
11.30 - 11.50	Digital platform to support forest landscape restoration, agroecological, food system transformation and resilient communities Thaicom PLC.
11.50 - 12.10	Yindii: A food surplus rescue app designed to match Bangkok residents with environmentally conscious restaurants, grocery stores and cafes to combat food waste. Co-founder of Yindii
12:10 - 12.30	Wrap up / Q&A / Networking


BACK-TO-BACK (Side Event 3):
Building sustainability into the Agri-food value chains : Future Food Together
Trend, gaps and opportunity for sustainable Agri-food value chains
Digital tools for low-carbon business operations
Business model for sustainable agri-food value chains
WEDNESDAY 23 November, 2022, 09.00-12.30 AM
Organized by WWF Thailand and AFMA
M Floor Jamjuree Ballroom B, Pathumwan Princess Hotel, Bangkok
Register now!
SCP CE NETZERO
16th Asia Pacific Roundtable on Sustainable Consumption and Production
"Bridging Net Zero Transition by SCP and Circular Economy"
21-23 November 2022
Pathumwan Princess Hotel, Bangkok, Thailand

Back-to-back: side event 4

Back-to-Back (B2B)

Wednesday 23rd November 2022, 13.30-16.30

Organized by APRSCP and Thai SCP Network with GIZ
Title: "CE and SCP for Sustainable Construction Materials

Brief session description:

The construction industry consumes almost half of all extracted materials and is responsible for over 35% of all waste generated in the EU. The Ellen-Mac Arthur Foundation has calculated that adopting a holistic circular economy across four construction and industry-related product groups (i.e. cement, plastics, steel and aluminium) has the potential to reduce around 21% of global greenhouse gas (GHG) emissions. The International Resource Panel (IRP) has calculated for the G7 countries that material efficiency in residential buildings has the potential to reduce GHG emissions by 80%. Improved recycling practices and the substitution of energy-intensive materials with plant-based materials have significant reduction potential.

In Southeast Asia, the booming construction industry causes immense pollution, biodiversity loss and GHG emissions. In Thailand, emissions from the construction industry alone account for 19.64% of the country's total GHG emissions.

Consequently, countries' development plans have prioritized circularity in the construction sector for instant Thailand the new Bio-Circular and Green Economy (BCG) Strategy, the 12th 5-year plan prioritizes CE in the construction sector and plans to use sustainable public procurement (SPP) and material standards in Malaysia.

This session will be continued from the previous round table discussion "CE and SCP for Sustainable Construction Materials" and will be focus on the application of tools - building rating, GPP/SPP and e-marketplace in promoting the sustainable construction materials.

Moderators: Mr. Kai Hofmann. German International Cooperation (GIZ)
Co-moderator: Mrs. Pimpilas Nuntiphon Khoeiram, German International Cooperation (GIZ)
Speakers & Topics:

Assoc. Prof. Sr Dr. Natasha Khalil - Application of building rating as a tool in promoting sustainable construction materials

Mr. Tobias Schleicher - Application of GPP/SPP as a tool in promoting a sustainable construction material

Sr. Dr. Asmah Alia Mohamad Bohari - Application of e-marketplace as a tool in promoting a sustainable construction material"

Q&A

MODERATION PLAN

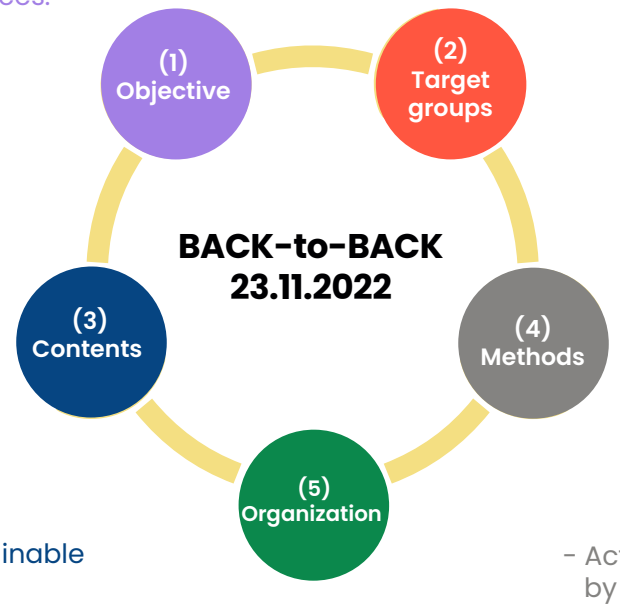
Roundtable Discussion "CE and SCP for Sustainable Construction Materials"

Wednesday 23rd, November 2022, 13.30-16.30 hrs. (GMT+7)

Overall objective:
- To introduce the existing tools to promote sustainable construction materials.

Specific objectives:
- To provide an overview of each tool (description, propose, application, pro-cons, benefit etc.)
- To provide the lesson learned from the application of each tool
- To exchange on challenges and potential solutions in applying these tools from the perspective of audiences.

- Policy makers
- Private/Industry
- Academic/R&D
- Incl. invited implementing partners of Scaling SCP



Tools to promote sustainable construction materials
- Building rating
- Green/Sustainable Public Procurement (GPP/SPP)
- E-marketplace

- Active presentation by keynote speakers
- Q&A
- Open Discussion

- **120 mins hybrid session:** (via ZOOM application)(13:30-16.30 hrs.)
- **Room:** Jamjuree 1, Pathumwan Princess Hotel, Bangkok
- **Moderators/Co-moderator:**
  - Mr. Kai Hofmann
  - Mrs. Pimpilas Nuntiphon Khoeiram

SESSION DESIGN

Time	Topics	Objectives/Output/Guiding questions	Methods /Template	Responsible	Equipment /Remarks
13.00-13.30 (30 mins)	**Registration** **IT check (for online participants)**	All facility checked-up and ready to start on time		Organization team IT support	Audio-Visual check ZOOM application Registration paper
13.30-13.35 (5 mins)	**Welcome participants** **Recap key talking from previous day (RTD)***	Welcome and set up the scene. Brief all about the and how this session is important/interesting	Speech	Mr. Kai Hofmann Main moderator	Remark* - in case of newcomers
13.35-13.40 (5 mins)	**Introduce session objectives, agenda, overview of the session**	Objectives, agenda, and process of the session are introduced **Guiding questions** - Why are we here? - What do we do today? - How will this 120-minutes session look like? - What do we expect our audiences to contribute today?	Presentation with slide	Mrs. Pimpilas Nuntiphon Khoeiram Co-Moderator	Facilitation slides to be developed
13.40-13.45 (5 mins)	**Expectation management**	Quick view on the expectation of participants (for further adjustment during open discussion, comparing result at session evaluation) **Guiding questions** - What motivates you to join this session? (Visualization – word cloud) - What is the most interesting tool from your perspective? (Visualization- choice)		Mrs. Pimpilas Nuntiphon Khoeiram Co-Moderator	Mentimeter to scan QR code to answer those questions
13.45-14.15 (30 mins)	**Keynote Speakers/Resource persons**				
13.45-14.15 (15 mins)	**Keynote – I Presentation „ Application of building rating as a tool in promoting sustainable construction materials"**	Brief concept of building rating, experience/lesson learned are shared and exchange. **Guiding questions** - What is the buidling rating tool, how does it work? - What were the outcomes (e.g., cost reduction and GHG emission saving)? - What practices hinder this? what would be the potential solutions? - What are the lessons learned/key take away?	Presentation with slide	Associate Professor Sr Dr. Natasha Khalil Department of Built Environment Studies and Technology, Universiti Teknologi MARA, Perak Branch, Seri Iskandar Campus,	
14.15-14.30 (15 mins)	**Q&A**	Clarification of open questions		Mr. Kai Hofmann Moderator	Raising questions thru chat box also possible, assign co-moderator to collect question from on-line participants (of any)
14.30-14.55 (25 mins)	**Keynote – II Presentation „ Application of GPP/SPP as a tool in promoting a sustainable construction material"**	Brief concept of GPP/SPP, experience/lesson learned are shared and exchange. **Guiding questions** - What is the buidling rating tool, how does it work? - What are the economic and environmental benefits of purchasing sustainable construction materials - What were the outcomes (e.g., cost reduction and GHG emission saving)? - What incentivised you as a public procurer to invest in sustainability? - What practices hinder this? what would be the potential solutions? - What are the lessons learned/key take away?	Presentation with slide	Mr. Tobias Schleicher Senior Researcher Oeko-Institut e.V.	Livestream (ZOOM) without interpreter
14.55-15.10 (15 mins)	**Q&A**	Clarification of open questions		Mr. Kai Hofmann Moderator	Raising questions thru chat box also possible, assign co-moderator to collect question from on-line participants (of any)
15.10-15.30 (20 mins)	Coffee Break				

Time	Topics	Objectives/Output/Guiding questions	Methods /Template	Responsible	Equipment /Remarks
15.30-15.55 (25 mins)	**Keynote – III Presentation „ Application of e-marketplace as a tool in promoting a sustainable construction material"**	Brief concept of e-marketplace, experience/lesson learned are shared and exchange. **Guiding questions** - What is the e-marketplace, how does it work? - What were the outcomes (e.g., cost reduction and GHG emission saving)? - What practices hinder this? what would be the potential solutions? - What are the lessons learned/key take away?	Presentation with slide	Sr. Dr. Asmah Alia Mohamad Bohari Program Coordinator/Senior Lecturer, Department of Quantity Surveying, Universiti Teknologi MARA, Cawangan Sarawak, Malaysia	
15.55-16.10 (15 mins)	Q&A	Clarification of open questions.		Mr. Kai Hofmann Moderator	Raising questions thru chat box also possible, assign co-moderator to collect question from on-line participants (of any)
16.10-16.25 (15 mins)	Conclusion	**Guiding questions** - What are the highlighted of discussion? /Key take away - What to do next, how to make use of today's result? - Session evaluation (whether it fulfilled the expectation of the participant or not?)		Mrs. Pimpilas Nuntiphon Khoeiram Co-Moderator	
16.25-16.30 (5 mins)	**Closing remarks**	Thank you, all participants for their contribution	Speech	Mr. Kai Hofmann Moderator	

Back-to-back: side event 5

Side Event – Plastic Free Rivers for Resilient Riverine Communities

16th Asia Pacific Roundtable

on Sustainable Consumption and Production

(16th APRSCP 2022: Carbon Neutral Event)
"Bridging Net Zero Transition by SCP and Circular Economy"

We are pleased to announce the Side Event – Plastic Free Rivers for Resilient Riverine Communities, which is being held on 23rd November 2022 (13:30 – 16:30) in Bangkok, Thailand. For a pollution free planet, UNEP, in partnership with the Asian Institute of Technology, has been implementing plastic pollution-related projects in the Mekong basin countries since 2019. Past projects aimed to identify a region-based model for monitoring and assessment of plastic leakage and pollution reduction targeting land-based plastic leakage entering waterways such as rivers and canals or drainages to the sea. This year, our project focuses on providing the riverine communities in the Mekong Region with the means to address the problem of plastic pollution in areas and sectors with climate change-induced risks, building on existing initiatives and instruments and supported by and grounded in science, international cooperation, and multi-stakeholder engagement.

On 2 March 2022, a historic resolution was passed by UN Environment Assembly to end plastic pollution and forge an international legally binding treaty by 2024. An intergovernmental negotiating committee (INC) is established and the process is inclusive. Strong engagement across the region and an inclusive process involving national/local governments, communities, and the private sector to develop the instrument is essential to ensure long-term success.

In this context, we organize a side event to explore the current challenges of an inclusive approach towards plasticfree rivers with a circular economy approach and the role of digital technology and citizen engagement as critical enablers for enhancing inclusive processes. The regional experts from academia, governments, and the private sector will be invited to provide their experience and lessons learned on mobilizing the power of community toward a circular economy and plastic-free rivers.

Side Event – Tentative Agenda
23rd November 2022, 13:30 – 16:30, Pathumwan Princess Hotel, Bangkok, Thailand (Hybrid)

Opening Session	13.30 - 13.35	Opening Remark	Dr Naveed Anwar, Vice President Knowledge Management, Asian Institute of Technology
	13.35 - 13.40	Opening Remark	Dr. Wijarn Simachaya, President of Thailand Environment Institute
	13.40 - 13.45	Opening Remark	Mr. Toru Terai, First Secretary and Alternate Permanent Representative to ESCAP Embassy of Japan in Thailand
	13.45 - 14.00	Keynote Presentation The current status of the efforts to address plastic pollution in Asia and the Pacific.	Dr. Hotta Yasuhiko, Area Leader, Institute for Global Environmental Strategies (IGES)
Technical Session 1	14.00 - 15.00	Community based plastic waste management towards resilient riverine communities in Asia	Moderator (Dr. Mushtaq Memon) Speaker 1: Dr. Shabbir H. Gheewala, The Joint Graduate School of Energy and Environment (JGSEE) Speaker 2: Dr. Mushtaq Memon, Regional Coordinator for Chemicals and Pollution Action Speaker 3: Ms. Kim Thuy Ngoc, The Institute of Strategy, Policy on Natural Resources and Environment Speaker 4: Ms. Maria Patdu, UNEP Speaker 5: Mr. Shintaro Nakamura, Director, International Cooperation Section, Fukuoka City
Break	15.00 - 15.20	Coffee Break	
Technical Session 2	15.20 - 16.00	Technology for Circular Economy and Plastic Free Rivers	Moderator (Mr. Makoto Tsukiji) Speaker 6: Ms. Wimonrat Santadvatana, Wongpanit International Co.,Ltd Speaker 7: Mr. Sriram Reddy Mandhati, Geoinformatics Center, Asian institute of Technology Speaker 8: Dr. Awassada Phongphiphat, The Joint Graduate School of Energy and Environment (JGSEE) Speaker 9: Prof. So Sasaki, Department of Economics, ChuoUniversity
Technical Session 3	16.00 - 16.25	Global Opportunities for SDGs (GO4SDG)	Speaker: Ms. Young Ran Hur, Programme Management Officer, UNEP Asia and the Pacific Office,
Closing Remark	16.25 - 16.30	Dr. Mushtaq Memon, Regional Coordinator for Chemicals and Pollution Action,	

Back-to-back: side event 6

BACK-TO-BACK Seminar event: RTDXx SUSTAINABLE Agri-Food Supply Chain

Wednesday, 23 November 2022, 13:30-16:30 hr.

Organized by Thai Livestock and Aquatic Consortium (TLAC)

and Thai Sustainable Fishery Roundtable (TSFR) (with APRSCP and Thai SCP Network)

RATIONALES

Sustainable consumption and production is a consumer-driven and food business is one important sector that must take into account environmental, health, social and economic concerns.

Challenge of Agri-Food supply chain is it has complex system, includes fields, farms, factories, warehouses, and storage facilities that transform raw agricultural crops to products ready for consumption.

Collaboration in the chain may be a key factor in ensuring sustainable production in order to increase competitiveness to meet demands and overcome trade measures

OBJECTIVES

The objectives of the seminar are to:

- Exchange information on how to achieve sustainable production in Agri-Food Supply Chain.
- Share sustainable production practices from various stakeholders in Agri-Food Supply Chain.

INPUTS

Keynote presentations, notes from panel discussion.

DRAFT TECHNICAL PROGRAM

TIME	TOPICS	DETAILS
13:30 – 13:40	**Opening and Introductory Remarks** Event Chair and Co-Chair:	APRSCP & Thai SCP Network to moderate and facilitate.
13:40-14:00	**Keynotes Presentations** **Speaker 1: Fishery Improvement Project (FIP) in Gulf of Thailand**	Initiatives and cooperation models between private sector and other sectors to help producers move towards sustainability.
14:00-14:20	**Speaker 2:** **Towards carbon neutrality in Thai livestock industry: Measures for Greenhouse gas emission mitigation in feed production**	How collaboration across the Agri-Food Supply Chain can be a key factor.
14:20-14:45	***Networking Break***	

14:45-16.00 16:00 -16:20	**Invited Panelists :** **Perspectives and Practices in Agri-Food Supply Chain: from upstream to downstream** ○ Raw material producers for Feed in Thailand and overseas ○ Agri-Food Producers/Exporters ○ Buyer and consumer representatives **Discussion /Q&A**	The implementations in supply chain that must address sustainable production and the lessons learned of what can be done to support each chain to be more sustainable.
16:20 -16:30	**Summary & Closing session**	Summary by Chair & Co-Chair

LIST OF ORGANIZING COMMITTEE

Advisory Committee

All APRSCP Executive Board, Board of Trustees, and Board of Advisors
All Thai SCP Network and SCP Association (Thailand) Executive Committee Members and Advisors.

ORGANIZING COMMITTEE

1. Sanjay Kumar	APRSCP President, India	(Advisor)
2. Yasuhiko Hotta	APRSCP Vice President, Japan	(Advisor)
3. (Anthony) Shun Fung Chiu	APRSCP Advisor, Philippines	(Advisor)
4. Ambreen Waheed	APRSCP Board Member, Pakistan	(Advisor)
5. Nimal Perera	APRSCP Board Member, Sri Lanka	(Advisor)
6. Wijarn Simachaya	APRSCP/ Thai SCP Network, Thailand	(Chair)
7. Chaiyod Bunyagidj	APRSCP/ Thai SCP Network, Thailand	(Vice-Chair)
8. Pongvipa Lohsomboon	Thai SCP Network/ TSRI, Thailand	(Vice-Chair)
9. Thumrongrut Mungcharoen	APRSCP Foundation/ Thai SCP Network	(Vice-Chair)
10. Peeraporn Palapleevalya	APRSCP Foundation/ Thai SCP Network	(Executive Secretary)
11. Anothai Sangthong	Thai SCP Network/ TGO, Thailand	(Co-Executive Secretary)
12. Sukanya Chaichuen	Thai SCP Network/ TCC, Thailand	(Co-Executive Secretary)
13. Sate Sampattagul	Thai SCP Network/ CMU, Thailand	(Head, Technical team)
14. Jitti Mungkalasiri	Thai SCP Network/ TIIS-NSTDA, Thailand	(Co-Head, Technical team)
15. Viganda Varabuntoonvit	Thai SCP Network/ KU, Thailand	(Co-Head, Technical team)
16. Nongnuch Poolsawad	TIIS-NSTDA/ Thailand	(Co-Head, Technical team)
17. Metinee Srivatanakul	Thai SCP Network/ GAP Net, Thailand	
18. Numpol Limprasert	Thai SCP Network/ SCG, Thailand	
19. Panrat Pechpakdee	Thai SCP Network/ FTI, Thailand	
20. Pornpimol Varathorn	Thai SCP Network/ DEQP, Thailand	
21. Surachai Satitkunarat	Thai SCP Network/ NXPO, Thailand	
22. Thongbai Wetchapan	Thai SCP Network/ DEQP, Thailand	
23. Lunchakorn Prathumratana	EU-SWITCH-Asia SCP Facility	
24. Poranee Kongamornpinyo	PPP Plastic/ Dow, Thailand	
25. Orathai Pongruktham	PPP Plastic/ Dow, Thailand	
26. Ratchayuda Kongboon	CMU, Thailand	
27. Saravanee Singtong	NXPO, Thailand	
28. Savanit Boonyasuwat	PTTGC, Thailand	
29. Jonna Baquillas	APRSCP, Philippines	
30. Monique Retamal	APRSCP, Australia	
31. Sena Peiris	APRSCP, Sri Lanka	



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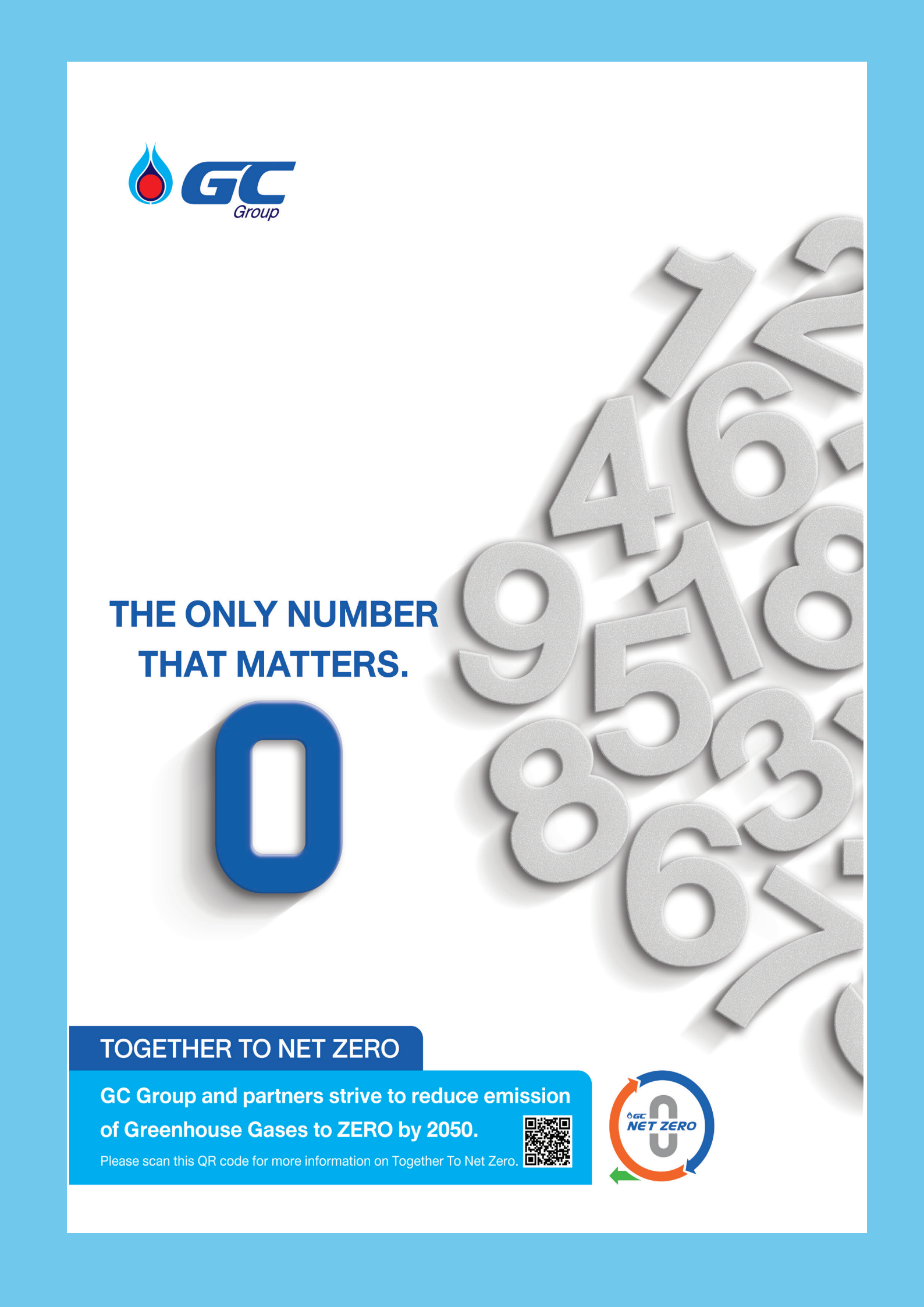


TOGETHER TO NET ZERO

GC Group and partners strive to reduce emission of Greenhouse Gases to ZERO by 2050.

Please scan this QR code for more information on Together To Net Zero.

GC NET ZERO


SCG, the World's No. 1
Sustainable Business from DJSI
with ESG 4 Plus

SCG
1 Set Net Zero By 2050
2 Go Green
Develop the eco-friendly innovations to preserve the world.
3 Reduce Inequality
Create 50,000 jobs for communities and SMEs by developing in-demand skills by 2030
4 Enhance Collaboration
Establish concrete collaboration with national, ASEAN and global agencies to drive ESG.
Plus Trust Through Transparency In All Operations
More details
As of September 23, 2022, SCG achieved the highest score in the S&P Global Corporate Sustainability Assessment in the Construction Materials Industry. SCG is also the first company in ASEAN to be assessed as a DJSI member since 2004.
SCG aims to develop innovations for a better quality of life and a sustainable world with the ESG 4 Plus strategy, "Set Net Zero - Go Green - Reduce Inequality - Enhance Collaboration" plus trust through transparency in all operations.
SCG

CPF 2030 Sustainability in Action

Philosophy of Sufficient Economy — Three-Benefits Principle

CPF 2030 Sustainability in Action

FOOD SECURITY	SELF-SUFFICIENT SOCIETY	BALANCE OF NATURE
Sustainable Food	Human Rights	Climate, Water & Waste Excellence
Responsible Marketing	Lifelong Learning	Responsible Sourcing for the Planet
Animal Welfare	Social Impact	Waste to Value

Sustainability Governance — UN SDGs & Ten Principles of UN Global Compact

CPF Guidelines for Becoming a Net-Zero Emissions Organization

1 Decarbon-ization



Deploying Innovations and Technologies to Improve the Production Process



Promoting Renewable Energy Consumption



Increasing Business Opportunities from Low-Carbon Products

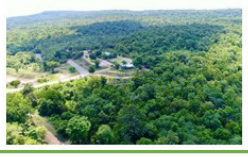


Building Factories and Farms of the Future

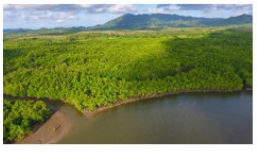


Integrating Circular Economy

2 Carbon Removal



Reforestation and Afforestation



Supporting Zero Deforestation

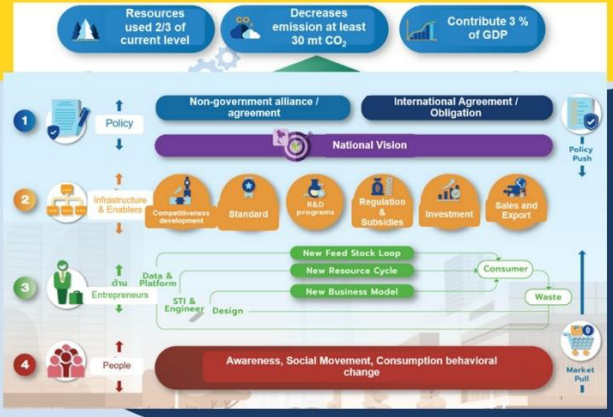


The Office of National Higher Education Science Research and Innovation Policy Council (NXPO) is an autonomous public agency affiliated to the Ministry of Higher Education, Science, Research and Innovation. NXPO serves as the secretariat of the National Higher Education, Science, Research and Innovation Policy Council (Policy Council) and is, therefore, responsible for facilitating the Policy Council in formulating, deploying and monitoring national policy addressing higher education, science, research and innovation under the guidance and instruction of the Policy Council.

NXPO:

- focuses on how innovation and technology can contribute to Thailand's Net Zero goal
- is the host of the APEC Center for Technology Foresight (APEC CTF)
- is a focal point for technology mechanism under UNFCCC, coordinating technology needs in the country and support for technology transfer combating climate change and pushing Circular Economy through STI to achieve Net Zero target







Thailand Circular Economy Innovation Ecosystem: Vision 2030

- lay a foundation and direction for all stakeholders to have the same vision and drive economy towards common circular economy goals.

NXPO's initiatives for Circular Economy

- R&D specific program: CE anchor program
- Value creation: CE Innovation Policy Forum
- Thailand's Long-Term Circular Economy White Paper: CE Innovation Ecosystem Vision 2030
- Program especially for entrepreneurship and capacity building: Circular Design and Solution Platform
- Deregulation – regulation and innovation production: Innovation Sandbox
- Circular Economy Technology Foresight – APEC Science, Technology & Innovation Cooperation



PMUC
Program Management Unit for Competitiveness

PROGRAM MANAGEMENT UNIT FOR COMPETITIVENESS
Ministry of Higher Education Science Research & Innovation, Thailand

PMUC is one of the three new independent funding bodies established in 2019 to fulfil overarching areas required to transform Thailand into an innovation-based economy. The mission of PMUC is to administer the research and innovation fund for enhancing the nation's competitiveness by driving the collaboration of the government and private sectors both in Thailand and foreign countries leading to commercial utilization of research outputs.

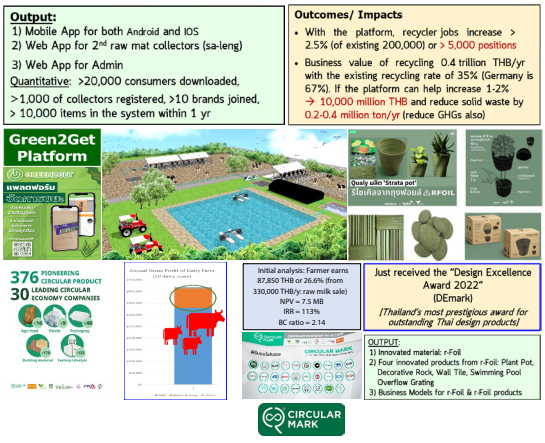
Circular Economy Program, one of the seven main programs of **PMUC**, focuses on co-funding the projects directed to the development of technologies, innovations, business models , platforms, and ecosystem to support the circular economy transformation (with the three triple benefits: enhance economic value, optimize resource s use, and reduce wastes & GHGs).

1. CE Platform
(Develop the platforms to Improve capacity of enterprises to enable the transition to CE)

2. CE Champion
(Develop new circular value Chain or closed loop business with high impact)

3. CE RDI
(Establish cross-cutting research development & innovation toinfluence major changes toward resource optimization)

4. CE Enabler
(Develop the key enablers, such as policy, regulation, standard, certification scheme, circularity baseline data, to speed up the CE transformation)



During the past three years (FY 2020-2022), PMUC-CE has granted 75 projects, total of 423.4 million THB, with the significant increase of private sector contribution from 13.5 to 41.8%

LINE

About LINE Corporation
Based in Japan, LINE is dedicated to the mission of “Closing the Distance,” bringing together information, services and people. The LINE messaging app launched in June 2011 and since then has grown into a diverse, global ecosystem that includes AI technology, fintech and more. LINE joined the Z Holdings Group, one of the largest internet service groups in Japan, following the completion of a business integration in March 2021. In Thailand, LINE has 53 M Active Users (as of March 2022). "







SELECTED PHOTOS FROM THE EVENT

16th APRSCP Conference
21-23 November 2022 - Bangkok, Thailand


Sustainable
Consumption
Production
APRSCP
SCP


Production
APRSCP
SCP
THAI SCP ASSOCIATION


APRSCP
SCP
THAI SCP ASSOCIATION
16th Asia Pacific Roundtable
21-23 November 2022
Supported by
SCG
LINE
16th APRSCP 2022: Carbon Neutral Event

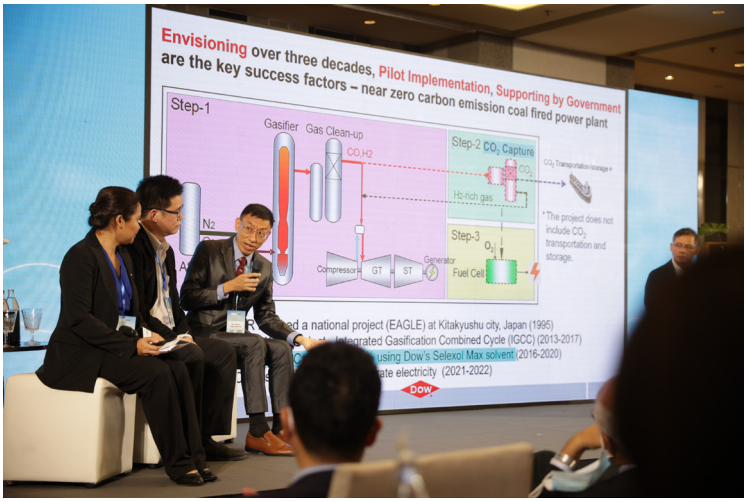

APRSCP
SCP
16th Asia Pacific Roundtable
Sustainable Consumption and Production
SCG
LINE


APRSCP
SCP


BIO-BASED SOLUTIONS
CIRCULAR ECONOMY




Resource Efficiency in Asia-Pacific


Envisioning over three decades, Pilot Implementation, Supporting by Government
are the key success factors – near zero carbon emission coal fired power plant
Step-1
Gasifier
Gas Clean-up
Step-2 CO2 Capture
Step-3
Compressor
GT
ST
Generator
Fuel Cell
a national project (EAGLE) at Kitakyushu city, Japan (1995)
Integrated Gasification Combined Cycle (IGCC) (2013-2017)
using Dow's Selexol Max solvent (2016-2020)
ate electricity (2021-2022)
DOW










APRSCP
SCP
16th Asia Pacific Roundtable




APRSCP
SCP
16th Asia Pacific Roundtable on Sustainable Consumption and Production
(16th APRSCP 2022 : Carbon Neutral Event)
"Bridging Net Zero Transition by SCP and Circular Economy"
21-23 November 2022
Pathumwan Princess Hotel, Bangkok, Thailand (hybrid event)






16th Asia Pacific Roundtable
on Sustainable Consumption and Production


"Bridging Net Zero Tra
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SCP
16th Asia Pacific Roundtable
on Sustainable Consumption and Production


16th Asia Pacific Roun
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Sustainable
Consumption


SCP
CE
NET ZERO
16th Asia Pacific Roundtable
on Sustainable Consumption and Production
6th APRSCP 2022: Carbon Neutral Event

CERTIFICATE OF CARBON NEUTRAL EVENT

องค์การบริหารจัดการก๊าซเรือนกระจก (องค์การมหาชน)
THAILAND GREENHOUSE GAS MANAGEMENT ORGANIZATION (PUBLIC ORGANIZATON)
ศูนย์ราชการฯ อาคารรัฐประศาสนภักดี ชั้น ๙ เลขที่ ๑๒๐ ถนนแจ้งวัฒนะ หลักสี่ กรุงเทพฯ ๑๐๒๑๐ โทร. ๐ ๒๑๔๑ ๙๗๙๐ โทรสาร ๐ ๒๑๔๓ ๘๔๐๐
The Government Complex, Ratthaprasasanabhakti Bldg., 9th Fl., 120 Chaengwattana Rd., Laksi, Bangkok 10210,Thailand
Tel +66 2141 9790 Fax +66 2143 8400 www.tgo.or.th

Cancellation Notification

Dear Sir,

Mitr Phol Bio-Power Plant (Danchang) Company Limited

The following cancellation has been completed in the Registry:

Cancellation Details:

Account Name:	Mitr Phol Bio-Power Plant (Danchang) Company Limited
Account ID:	TH-710-10008-1
Contact Name:	Miss SiriwanTangboontina
Contact Email:	Siriwant@mitrphol.com
Project Name:	Mitr Phol Bio-Power (Danchang) – Block 2
Credit Type:	TVERs (tCO_2eq)
Amount of Cancellation:	**21 tCO_2eq**
Serial Number:	**TH-21-3076947-3076967-1-1-6**
Issuance date:	4 September 2019 (3rd issuance)
Vintage Year:	1 July 2016 – 30 June 2018
Cancellation Date:	7 November 2022

Regards,

TGO's Registry Operation Team



(Miss Phakamon Supappunt)
Director of Carbon Market and Innovation Promotion Office
Thailand Greenhouse Gas Management Organization (Public Organization)
The Government Complex, Building B, 9th floor 120 Chaengwattana Rd. Laksi,
Bangkok 10210
Tel: +66 2141 9810 Fax: +66 2143 8403
Mobile: 090 263 2415 E-mail: phakamon@tgo.or.th

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E-BOOK & PRESENTATION FILES



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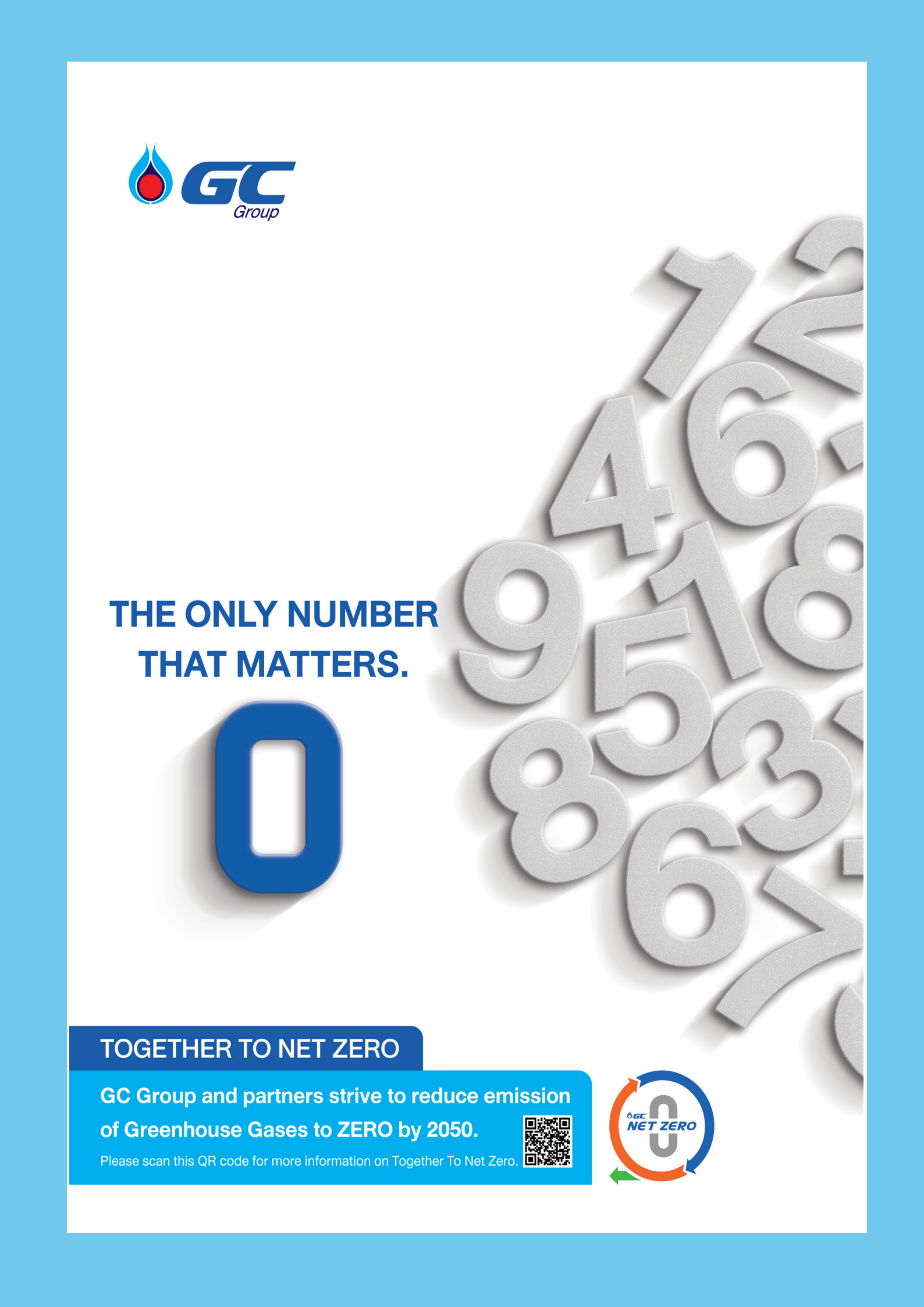

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