

United Nations Centre for Regional Development



Ministry of Environment, Kingdom of Cambodia



Ministry of the Environment, Government of Japan

As of 03 February 2023

Provisional Programme of 11th Regional 3R and Circular Economy Forum in Asia and the Pacific (Hybrid)

Date: 8-10 February 2023

Venue: Sokha Siem Reap Resort and Convention Center, Siem Reap, Kingdom of Cambodia

Theme: Integrating Circular Economy in Major Development Sectors towards Achieving Zero

Waste Societies and the SDGs

Format: Hybrid Forum Chair

H.E. Mr. Say Samal

Minister, Ministry of Environment, Kingdom of Cambodia

Co-organizers

Ministry of Environment, Kingdom of Cambodia

Ministry of the Environment, Japan (MOEJ)

United Nations Centre for Regional Development (UNCRD) of Division for Sustainable

Development Goals (DSDG) /UN DESA

Partners

United Nations Economic and Social Commission for Asia and the Pacific (UN ESCAP)

Japan Society of Material Cycles and Waste Management (3RINCs)

International Society of Waste Management, Air and Water (ISWMAW)

International Conference on Sustainable Waste Management and Technology (ICWMT)

Supporting Organizations

The Secretariat of the Pacific Regional Environment Programme (SPREP)

Institute of Global Environmental Strategies (IGES)

Economic Research Institute for ASEAN and East Asia (ERIA)

United Nations Environment Programme (UNEP)

United Nations Industrial Development Organization (UNIDO)

3R Waste Foundation

Food and Agriculture Organisation of the United Nations (UN FAO)

UN World Tourism Organization (UN WTO)

United Nations Human Settlements Programme (UN-Habitat)

Asian Development Bank (ADB)

Summary of all events Title of Pre-event/ Main event/ Parallel Date/Time Venue event 12 February 2021 Webinar on Digitalisation in Waste India (Online) 22 March 2021 Webinar on Waste to Wealth - Moving India (Online) towards Circular Economy Webinar on 3R & Circular Economy for India (Online) 5 June 2021 Achieving Clean Water, Land and Air 16th International Conference on Waste 25-28 June 2021 Beijing, PR Management and Technology (16ICWMT China (Hybrid)

	2021)		Cillia (Hybrid)
	[Pre-Event]		
5	Webinar on Accelerating Urban Action for a	October 2021	India (Online)
	Carbon Free World		
	[Pre-Event]		
6	Webinar on Circular Economic Utilisation of	8 December 2021	India (Online)
	Plastic Waste in India and the Asian Region		
	[Pre-Event]		
7	Webinar on The Road to Beverage Cartons	1 February 2022	India (Online)
	Recyclability		
	[Pre-Event]		
8	Webinar on the theme Role of 3R & Circular	10 March 2022	India (Online)
	Economy in Water Security of India		
	[Pre-Event]		
9	The 8 th 3R International Scientific	14-18 March	Kyoto, Japan
	Conference on Material Cycles and Waste	2022	(Online)
	Management (3RINCs 2022)		
	[Pre-Event]		
10	Webinar on Recycling of Beverage Cartons	6 June 2022	India (Online)
	and Plastic Packaging in Circular Economy-		
	Celebrating World Environment Day 2022		
	[Pre-Event]		
11	Webinar on Plastic Credit Systems	22 August 2022	India (Online)
	[Pre-Event]	_	
12	Webinar on Redefining Multi-Layer	23 November	India (Online)
	Packaging Plastic Waste	2022	
		1	

Sr. No.

> Management [Pre-Event]

[Pre-Event]

[Pre-Event]

1

2

4

13	12 th International Conference on Sustainable	29 November-03	Sri
	Waste Management & Circular Economy and	December 2022	Venkateswara
	IPLA Global Forum 2022 (12th IconSWM-		University,
	CE & IPLA Global Forum 2022)		Tirupati,
	[Pre-Event]		Andhra Pradesh,
			India
			(Hybrid)
14	8th Two-Day International Seminar on	16-17 December	Kanwar Surjit
	"New Urban Agenda-Re-orienting	2022	Singh Institute
	Transformation Strategies for Livable Cities		for Spatial
	and Sustainable Communities"		Planning and
	[Pre-Event]		Environment
			Research (KSS-
			ISPER),
			Panchkula,
			India (Hybrid)
15	11 th Regional 3R and Circular Economy	08-10 February	Kingdom of
	Forum in Asia and the Pacific	2023	Cambodia
	[Main event]		(Hybrid)

Meeting link for Participants who wished to join the Forum Online			
Forum Day Meeting link of Zoom			
DAY 1	Topic: 11th Regional 3R and Circular Economy Forum in Asia and the Pacific Time: Feb 8, 2023 09:00 AM Asia/Phnom Penh		
Opening Ceremony			
Keynote Address	Join Zoom Meeting		
Plenary Session 1	https://mptc-gov-		
Plenary Session 2	kh.zoom.us/j/81201783765?pwd=c05LOUh4MjlIMmszUXF0eFlwajNHZz09		
Plenary Session 3			
Plenary Session 4	Meeting ID: 812 0178 3765		
Signing of the Indore 3R Declaration	Passcode: 352990		
DAY 2	Topic: 11th Regional 3R and Circular Economy Forum in Asia and the Pacific Time: Feb 9, 2023 09:00 AM Asia/Phnom Penh		
Keynote Address 2			
Plenary Session 5	Join Zoom Meeting		
Plenary Session 6	https://mptc-gov-		
	kh.zoom.us/j/81201783765?pwd=c05LOUh4MjlIMmszUXF0eFlwajNHZz09		
	Meeting ID: 812 0178 3765		
	Passcode: 352990		
DAY 2	Topic: COUNTRY BREAKOUT SESSIONS 1~ Country Major Achievements and		
Country Breakout Group 1	Initiatives on Implementation of Ha Nio 3R Declaration (2013-2023) Time: Feb 9, 2023 02:00 PM Asia/Phnom Penh		
_	Join Zoom Mooting		
	Join Zoom Meeting https://mptc-gov-		
	kh.zoom.us/j/89069508669?pwd=OVhrK0lSWGM5S1dWZU9xdmRmWEVZQT09		
	KII.200111.us/ / 89009308009 : pwu-0 viii Koisw Givissiu w 209xuiii iiii w 2 v 2 Q 109		
	Meeting ID: 890 6950 8669		
	Passcode: 226891		
DAY 2	Topic: COUNTRY BREAKOUT SESSIONS 2~ Country Major Achievements and		
Communication Communication	Initiatives on Implementation of Ha Nio 3R Declaration (2013-2023)		
Country Breakout Group 2	Time: Feb 9, 2023 02:00 PM Asia/Phnom Penh		
	Join Zoom Meeting		
	https://mptc-gov-		
	kh.zoom.us/j/81958960422?pwd=TmRuVE1qbGhmNUtTUDM5VXM1YmFNdz09		

	Meeting ID: 819 5896 0422 Passcode: 392332
DAY 2	Topic: COUNTRY BREAKOUT SESSIONS 3~ Country Major Achievements and Initiatives on Implementation of Ha Nio 3R Declaration (2013-2023)
Country Breakout Group 3	Time: Feb 9, 2023 02:00 PM Asia/Phnom Penh
	Join Zoom Meeting
	https://mptc-gov-kh.zoom.us/j/87853930750?pwd=NGVMMWpQYTV5MktvYnRLUkRJQlpXQT09
	Meeting ID: 878 5393 0750 Passcode: 615951
DAY 2	Topic: COUNTRY BREAKOUT SESSIONS 4~ Country Major Achievements and Initiatives on Implementation of Ha Nio 3R Declaration (2013-2023)
Country Breakout Group 4	Time: Feb 9, 2023 02:00 PM Bangkok
	Join Zoom Meeting
	https://mptc-gov-kh.zoom.us/j/87040956224?pwd=bnM4c1NPWVFWSko0UzE0c3cyRW1tZz09
	Meeting ID: 870 4095 6224 Passcode: 473030
Reporting Back Session Plenary Session 7	Topic: 11th Regional 3R and Circular Economy Forum in Asia and the Pacific Time: Feb 9, 2023 09:00 AM Asia/Phnom Penh
Plenary Session 8	Join Zoom Meeting
	https://mptc-gov- kh.zoom.us/j/81201783765?pwd=c05LOUh4MjlIMmszUXF0eFlwajNHZz09
	Meeting ID: 812 0178 3765 Passcode: 352990
DAY 3	Topic: 11th Regional 3R and Circular Economy Forum in Asia and the Pacific Time: Feb 10, 2023 09:00 AM Asia/Phnom Penh
Keynote Address 3	Jain Zaana Maating
Plenary Session 9 Closing Session	Join Zoom Meeting https://mptc-gov-kh.zoom.us/j/81201783765?pwd=c05LOUh4MjlIMmszUXF0eFlwajNHZz09
	Meeting ID: 812 0178 3765
	Passcode: 352990

Programme Overview

Day 1, 08 February 2023			
08:00-09:00	Registration	In front of Ball Room	
09:00-09:35	Opening Ceremony	Ball Room 2 and 3	
09:35-09:45	Group Photograph	Ball Room 2 and 3	
09:45-10:00	Coffee/Tea Break	In front of Ball Room	
10:00-10:30	Keynote Address (1)	Ball Room	
10:30-12:00	Plenary Session 1		
12:00-13:00	Networking Lunch Break	Lotus Restaurant	
13:00-14:30	Plenary Session 2	Ball room 1	
14:30-16:00	Plenary Session 3		
16:00-16:15	Coffee/Tea Break	In front of Ball Room	
16:10-18:00	Plenary Session 4	Ball Room 1	
18:00-18:30	Signing of the Indore 3R Declaration	Ball Room 1	
19:00-22:00	Welcome Reception	Ball Room 2 and Ball Room 3	
	End of Day 1		
	Day 2, 09 February 2023	3	
09:00-09:30	Keynote Address (2)	Ball Room 1	
09:30-11:00	Plenary Session 5		
11:00-11:15	Coffee/Tea Break	In front of Ball Room	
11:15-12:45	Plenary Session 6	Ball Room 1	
12:45-14:00	Networking Lunch Break	Lotus Restaurant	
14:00-16:00	Country Breakout Group 1	Romchong Room	
	Country Breakout Group 2	Nakry Room	
	Country Breakout Group 3	Kravan Room	
	Country Breakout Group 4	Champei Room	
16:00-16:10	Coffee/Tea Break	In front of Ball Room	
16:10-16:30	Reporting Back Session	Ball Room 1	
16:30-18:00	Plenary Session 7		
18:00-19:00	Plenary Session 8	Ball Room 1	
	End of Day 2		
	Day 3, 10 February 2023		
09:00-09:30	Keynote Address (3)	Ball Room 1	
09:30-10:30	Coffee/Tea Break	In front of Ball Room	
10:30-11:30	Plenary Session 9	Ball Room 1	
11:30-12:00	Closing Session	Ball Room 2 and Ball Room 3	
12:00-14:00	Networking Lunch Break	Lotus Restaurant	
14:00-18:00	Technical Field Visit	In front of Ball Room	
End of the Forum			

	DAY 1	
DATE:	08 Febru	uary 2023

DATE: 08 February 2023			
Time/Room	Programme		
08:00-09:00	Registration		
09:00-09:35	OPENING CEREMONY		
	Welcome Remarks		
09:00-09:35 (35 mins)	O H.E. Mr. Tea Seiha Governor of Siem Reap Province (5 mins)		
	Opening Remarks		
Ball Room	 H.E. Mr. Shigeki Kobayashi State Minister, Ministry of the Environment, Japan (MOEJ) (5 mins) 		
	 Dr. Kazushige Endo Director, United Nations Centre for Regional Development (UNCRD) (3~5 mins) 		
	Special Address		
	 Ms. Alissa Chaker Resident Representative of United Nations Development Programme (UNDP), Cambodia (3~5 mins) 		
	 Ms. Maimunah Mohd Sharif United Nations Under-Secretary General and Executive Director, UN-Habitat (3~5 mins) 		
	 Mr. Li Jinhua Under Secretary- General for Economic and Social Affairs (UN DESA) (3~5 mins) 		
	Chief Guest		
	 H.E. Mr. Say Samal Minister, Ministry of Environment, Kingdom of Cambodia (5 min) 		

DATE: 06 February 2025			
Time/Room	Programme		
09:35-09:45 (10 min)	Group Photograph		
09:45-10:00	COFFEE / TEA BREAK (15 mins)		
10:00-10:30 (30 mins) Ball Room	Keynote Address (1) Achieving the SDGs and Carbon Neutrality – Strengthening Science-Policy-Business Interface towards Resource Circulation and Circular Economy - By Prof. Yukari Takamura, University of Tokyo, Japan (30 mins)		
10:30-12:00	PLENARY SESSION 1 Creating Synergies in Achieving SDGs and Paris Agreement of Change through Circular Economy	on Climate	
10:30-12:00 (90 mins)	Presentation (1): Sustainable and Circular Bioeconomy in the Climate Agenda – Prospects and Opportunities - by Ms. Marta Gomez San Juan, Senior Expert on Circular Bioeconomy, Food and Agriculture Organisation of the United Nations (UN- FAO) (8 mins) (virtual participation) Presentation (2): Path to Zero ~ Role of Circular Economy - by Dr. Heinz Schandl, Research Group Leader, Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia (8 mins)	Session Chair: H.E. Mr. Tin Ponlok, Secretary of State, Ministry of Environment, Kingdom of Cambodia	
Ball Room	Presentation (3): A Collective Action Catalyst for an SME led Circular Low Carbon Transition - by Dr. Arab Hoballah, Executive Director SEED-Entrepreneurship for Sustainable Development (SEED) (8 mins) Presentation (4): Cambodia Long-Term Strategy for Carbon Neutrality - by Dr. Hak Mao, Director, Department of Climate Change, General Directorate of Policy and Strategy, Ministry of Environment, Cambodia (8 mins)	Facilitator / Moderator: Mr. Choudhury Rudra Charan Mohanty, Environment Programme Coordinator, United Nations Centre for Regional Development	

^{11&}lt;sup>th</sup> Regional 3R and Circular Economy Forum in Asia and the Pacific, Kingdom of Cambodia -8-

DAY 1	
DATE: 08 February 20	023

Time/Room	Programme	
	 Presentation (5): Cambodia Roadmap for Sustainable Consumption and Production (SCP) by H.E. Ms. Ngin Lina, Deputy Director General, General Directorate of Policy and Strategy, Ministry of Environment, Cambodia (8 mins) 	(UNCRD)- DSDG/UN DESA
	Presentation (6): Circular Economy Strategy and Action Plan	Rapporteur: Dr. Kulwant
	- by Dr. Keo Vantheoun , Deputy Director, Department of Green Economy, General Directorate of Policy and Strategy, Ministry of Environment, Cambodia (8 mins)	Singh, CEO 3R WASTE Foundation
	 Panel Discussion (40 mins) H.E. Ms. Ngin Lina, Deputy Director General, General Directorate of Policy and Strategy, Ministry of Environment, Cambodia Dr. Hak Mao, Director, Department of Climate Change, General Directorate of Policy and Strategy, Ministry of Environment, Cambodia Dr. Trung Thang Nguyen, Deputy Director General, Institute of Strategy and Policy on Natural Resources and Environment (ISPONRE), Ministry of Natural Resources and Environment (MoNRE), Vietnam Ms. Engr. Jean Celestial Borromeo, Supervising Environmental Management Specialist, Department of Environment and Natural Resources, the Philippines Mr. Suresh Acharya, Secretary, Ministry of Urban Development, Nepal Dr. René Van Bekrel, UNIDO Representative for India, Bhutan, Maldives, Nepal and Sri Lanka, Regional Office in India, United Nations Industrial Development Organization (UNIDO) 	India
	Discussion Points 1. Transitioning to a circular economy is essential to achieve both the SDGs and the climate goals agreed by the international community and to help rebuild the world's economies to make them stronger, greener and better. How can countries accelerate such a transition to synergize the Paris Agreement and 2030	

Time/Room	Programme	
	Agenda for Sustainable Development? What are the key enabling factors?	
	2. How can countries develop better institutional capacity, inter-ministerial cooperation (horizontal cooperation) and vertical cooperation (central and local government) towards such transition?	
	3. What important insights we can draw from circular bioeconomy in the context of food security and climate agenda?	
	4. Required financial and technical capacity and high upfront costs are critical challenges for SMEs. Considering these constraints, how can governments assist the SMEs to integrate 3R and circular economy principles in their operations and supply chain? What should be defining features of the government policy (institutional, financial technological and partnership) of greening the SMEs towards sustainable industrialization, fostering innovation and pollution reduction, thereby achieving SDG 9 (sustainable industrialization) and SDG 12 (sustainable consumption and production)?	
12:00-13:00	0 NETWORKING LUNCH BREAK (60 mins)	
13:00-14:30	PLENARY SESSION 2 Circular Economy towards Sustainable Tourism	
Ball Room	 Presentation (1): Sustainble Tourism ~ Role of Circular Economy by Prof. Anthony Shun Fung Chiu, University Fellow, Dept of Industrial and Systems Engineering, De La Salle University, Manila, Philippines (8 mins) Presentation (2): Sustainable Tourism and Circular Economy in 	Session Chair: H.E. Mr. Ibrahim Rasheed, Ministry of Tourism,
	SIDS - by Ms. Susana Telakau, Solid Waste Management Adviser, Waste Management and Pollution Control, The Secretariat of the Pacific Regional Environment Programme (SPREP) (8 mins)	Maldives

^{11&}lt;sup>th</sup> Regional 3R and Circular Economy Forum in Asia and the Pacific, Kingdom of Cambodia -10-

Time/Room	Programme	
13:00-14:30 (90 mins)	 Presentation (3): Sustainable Community Based Ecotourism Development – Case of Cambodia by H.E. Mr. HUOT Rithy, Deputy Secretary General of NCCA, Ministry of Tourism, Cambodia (8 mins) 	Facilitator / Moderator: Mr. Mushtaq Memon, Regional Coordinator for
Ball Room	 Presentation (4): Guide to reducing plastic waste in hotels by Mr. Taing Meng Eang, Director, Department of Green Economy, General Directorate of Policy and Strategy Ministry of Environment, Cambodia (8 mins) 	Chemicals and Pollution action Subprogramme in Asia and the Pacific, United
	 Panel Discussion (58 mins) H.E. Mr. HUOT Rithy, Deputy Secretary General of NCCA, Ministry of Tourism, Cambodia Mr. Taing Meng Eang, Director, Department of Green Economy, General Directorate of Policy and Strategy Ministry of Environment, Cambodia Ms. Kabure Takaria, Deputy Director, Ministry of Environment, Cambodia 	Nations Environment Programme (UNEP)
	 Environment, Lands and Agricultural Development, Kiribati Ms. Ann-Patricia Torea, National Project Coordinator, Papua New Guinea Conservation and Environment Protection Authority Ministry of Environment & Conservation and Climate Change, Papua New Guinea Dr. Pinsak Suraswadi, Director General, Pollution Control Department, Ministry of Natural Resources and Environment, Thailand 	Rapporteur: Prof. Chettiyappan Visvanathan, Environmental Engineering and Management School of Environment, Resources and
	- Ms. Virginia Fernandez-Trapa, Programme Coordinator, Sustainable Development of Tourism, UN World Tourism Organization (UN WTO) (virtual participation)	Development, Asian Institute of Technology, Thailand
	Discussion Points 1. The COVID-19 crisis raised awareness of the importance of local supply chains and the need to rethink how goods and services are produced and consumed, both key elements of a circular economy. Integrating circularity and further advancing resource efficiency in the tourism value chain represent an opportunity for the tourism sector to embrace a sustainable and resilient pathway (UNWTO). How can countries exploit such	1 mmmm

	DAY 1	
DATE:	08 February	2023

The AD	D
Time/Room	Programme
	opportunities in the tourism sector? What are the key policy and institutional enabling factors?
	2. To what extent is the role of circular economy in bringing competitiveness, creating opportunities for innovation, bringing differentiation and diversification of income streams, attracting government and private investments in tourism sector understood?
	3. What are the innovative financing and technology choices for circularity in tourism industry?
	4. The triple planetary emergencies - climate change, pollution and biodiversity loss — adversely impact tourism activities. How can Asia's tourism sector accelerate the adoption of sustainable consumption and production and circularity towards regenerative ecosystems and biodiversity and climate goals under the Paris Agreement?
	5. How can Small Island Developing States (SIDS) integrate 3R and circular economy in their tourism sector? In "S.A.M.O.A. Pathway," the outcome document of the 3rd International Conference on Small Island Developing States, 1-4 Sep 2014, Apia, Samoa, UN member countries have recognized that sustainable tourism represents an important driver of sustainable economic growth and decent job creation. How can 3R and circular economy contribute towards resilient and sustainable tourism in SIDS?
	6. To what extent SIDS consider the adverse economic impacts of plastic wastes in their tourism sector? What benefits do circular economy offer in transforming the whole tourism ecosystem through behavioral change, active public private collaboration and partnerships, inter-governmental cooperation, effective policies and policy instruments and financing?
14:30-16:00	PLENARY SESSION 3 Special Session on Circular Economy towards Sustaining Tonle-Sap Ecosystem

	DAY 1	
DATE:	08 February	2023

Time/Room	Programme	
		g . G .
	Presentation (1) : Issues of plastic waste management and Tonle-Sap Ecosystem	Session Chair: Mr. Vin
	- by Ms. Chea Seila, Project Manager at Wonders of	Bunpov,
	the Mekong Project (WMP) Cambodia (8 mins)	Director,
		Department of
	Presentation (2): NGO BambooShoot Talk for the 3R and	Natural
	Circular Economy Forum for the Protection and Health of	Resources,
14:30-16:00	the Biodiversity of the Tonle Sap Lake	Tonle Sap Authority
(90 mins)	- by Mr. Sea Sophal , NGO ² BambooShoot Foundation,	(TSBA),
(50 111115)	Kingdom of Cambodia (8 mins)	Cambodia
	Presentation (3): Generating Resilient Environments and	
	Promotion Socio-Economic Development of Tonle Sap Lake	
Dall Doom	- by Dr. Srey Sunleang , Deputy Director General,	Essilitator /
Ball Room	General Directorate of Natural Protected Areas,	<u>Facilitator /</u> <u>Moderator</u> :
	Cambodia (8 mins)	Prof. Anthony
	Presentation (4): Cambodia Ecotourism Development Plan	Shun Fung
	along Tonle Sap Lake	Chiu,
	- by Mr. Khin Mengkheang, Director, Department of	University
	Natural Tourism, Ministry of Environment, Cambodia	Fellow, Dept of Industrial and
	(8 mins)	Systems
	Presentation (5): "Sustainable solutions to end rivers'	Engineering,
	plastic pollution through Historical River Cleanup Mission	De La Salle
	(2022-2025) (Mekong, Tonle Sap & Bassac)" in cooperation	University,
	with the German company everwave	Manila,
	- by Mr. Sovann Nou, Executive Director, NGO, River	Philippines
	Ocean Cleanup (8 mins)	
	Panel Discussion (50 mins)	
	- Dr. Srey Sunleang, Deputy Director General, General	Rapporteur:
	Directorate of Natural Protected Areas, Cambodia	Dr.Premakuma
	- Mr. Khin Mengkheang, Director, Department of	ra Jagath
	Natural Tourism, Ministry of Environment, Cambodia	Dickella
	- Prof. Chettiyappan Visvanathan , Environmental Engineering and Management School of Environment,	Gamaralalage,
	Resources and Development, Asian Institute of	Director/ Principle
	Technology, Thailand	Researcher,

DAY 1 DATE: 08 February 2023 **Programme** 6. How can we prevent plastic waste in Tonle Sap? Is there any monitoring of or scientific assessment on microplastics in Tonle Sap and their impact on life below water? **COFFEE / TEA BREAK** (10 mins) **PLENARY SESSION 4** Circular Economy and Small and Medium Enterprises (SMEs) **Presentation (1)**: Towards resilient, Carbon Neutral Growth **Session Chair:** H.E. Mr. Saaga and Circular Economy by Greening of SMEs by Dr. René Van Bekrel, UNIDO Representative for Talu Teafa, India, Bhutan, Maldives, Nepal and Sri Lanka, Minsitry of Regional Office in India, United Nations Industrial Local Development Organization (UNIDO) (8 mins) Government and

16:15-18:00 (105 mins)

Time/Room

16:00-16:10

16:15-18:00

Presentation (2): Role of SMEs in Circular Economy: Challenges and Opportunities

- by Mr. Michikazu Kojima, Senior Advisor / Economic Research Institute for ASEAN and East Asia (ERIA) and Chief Senior Researcher / IDE-JETRO (8 mins)

Ball Room

Presentation (3): How can SMEs be supported to transiting to a Circular Economy?

- by Mr. Mushtaq Memon, Regional Coordinator for Chemicals and Pollution action Subprogramme in Asia and the Pacific, United Nations Environment Programme (UNEP) (8 mins)

Presentation (4): Green Productivity and Circular Economy-Complementary Approaches to Sustainable Development

- by Mr. Ly Chanthan, Deputy Director, Department of Technique and Industry Safety (DTIS) of Ministry of Industry, Science, Technology, and Innovation (MISTI), Cambodia (8 mins) Facilitator / Moderator:

Dr. Arab

Hoballah,

(SEED)

Agriculture,

Tuvalu

Executive
Director SEEDEntrepreneurshi
p for
Sustainable
Development

Rapporteur: Prof. Sadhan Kumar Ghosh, President,

¹¹th Regional 3R and Circular Economy Forum in Asia and the Pacific, Kingdom of Cambodia

	DAY 1	
DATE:	08 February	2023

Time/Room	Programme	
	Presentation (5): Public-Private-Partnership as the basis for advancing Circular Economy-Case of Gamagori city, Aichi, Japan - by Mr. Hisaaki Suzuki, Mayor of Gamagori city, Aichi, Japan (8 mins)	International Society of Waste Management, Air and Water,
	Presentation (6): Julen, Vermicompost, Fertilizer of Life - by Ms. Sok Sothearath, Junlen Founder, Cambodia (8 mins)	India
	Presentation (7): Ecobrick squaring circular economy - by Mr. Sok Thy, Manufacturer of Ecobrick Handicraft, Cambodia (8 mins)	
	Panel Discussion (34 mins) - Mr. Ly Chanthan, Deputy Director, Department of	
	Technique and Industry Safety (DTIS) of Ministry of Industry, Science, Technology, and Innovation (MISTI), Cambodia	
	 Mr. Nop Sokhai, Deputy Director, Department of Green Economy, Ministry of Environment, Cambodia Mr. Md Salim Ullah, Senior Assistant Secretary, Ministry of Industries, Bangladesh Ms. Berilyn Jeremiah, Ministry of Commerce, Industry and Environment, Nauru 	
	 Dr. Heinz Schandl, Senior Scientist, CSIRO, Australia Ms. Yurie Imaeda, Manager, Management Strategy 	
	Office, Public Policy, Mercari, Inc., Japan - Mr. Gen Takahashi, General Manager, JFE	
	 Engineering, Corporation, Japan (virtual participation) Ms. Vaishali Kushan, Acting Director, Urban Economy Forum (virtual participation) Assoc. Prof. Ayon Chakraborty, School of 	
	Engineering, IT, and Physical Sciences, Federation University, Ballarat, Australia (virtual participation)	
	Discussion Points 1. What are possible means of empowering SMEs towards transitioning to circular economy? What	

	DAY 1	
DATE:	08 February	2023

Time/Room	Programme	
	could be the policy, institutional, financial and partnership aspects of greening the SMEs towards sustainable industrialization, fostering innovation and pollution reduction? What does it imply in terms of synergies in achieving SDG 9 and SDG 12?	
	2. Required financial and technical capacity and high upfront costs are critical challenges for SMEs. Considering these constraints, how can governments assist the SMEs to integrate resource efficiency and circular economy principles in their operations and supply chain? How can government help SMEs to adapt to the new and innovative circular business models that unlock economic benefits?	
	3. What are the key social and physical infrastructures that the governments should consider in creating an enabling environment for greening the SMEs towards circularity? What lessons do Gamagori City's PPP case offer us in this regard?	
	4. Globally increasing number of SMEs or firms are pursuing green strategies to benefit in many ways, e.g., cost savings, energy savings, better public image, better marketing of products, etc. What are the best examples and experiences where environmental regulations, including government incentives have encouraged SMEs to innovate and create cost advantages?	
18:00-18:30	Signing of the Indore 3R Declaration of Asian Mayors on Achieving Clea Water, Clean Land and Clean Air in Cities	ın
	Session Chair: H.E. Mr. Sao Sopheap, Secretary of State, Ministry of Environment, Kingdom of Cambodia	

^{11&}lt;sup>th</sup> Regional 3R and Circular Economy Forum in Asia and the Pacific, Kingdom of Cambodia -17-

DAY 1 DATE: 08 February 2023 Time/Room **Programme** 18:00-18:30 Facilitator/ Moderator: Choudhury Rudra Charan Mohanty, Environment (30 mins) Programme Coordinator, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA **Ball Room** Rapporteur: Anupam Khajuria, Researcher, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA Agenda items 1) Brief Introduction of the Indore 3R Declaration 2) Signing of the Indore 3R Declaration by Cities of Kingdom of Cambodia 3) Signing of the Indore 3R Declaration by participating Asian Mayors and City Authorities 4) Group photo of the Mayors/City Authorities 19:00-22:00 WELCOME RECEPTION Hosted by Ministry of Environment, Kingdom of Cambodia Remarks by H.E. Mr. Say Samal

End of Day 1

11th Regional 3R and Circular Economy Forum in Asia and the Pacific, Kingdom of Cambodia

Time/Room	Programme	
09:00-09:30 (30 mins) Ball Room	and Future Proof Communities – Case of Multisectoral Coolgardie Regional Transformation Alliance for Achieving the Climate Change Mitigation and the SDGs	
09:30-11:00	PLENARY SESSION 5 Bridging 3R Infrastructure Gap towards Circular and Zero Wa	ste Societies
09:30-11:00 (90 mins)	Presentation (1): Emerging Key Issues in Accelerating the Circular Economy in Republic of Korea - by Mr. Chun Kyoo Park, Head of Office, United Nations Office for Sustainable Development, Republic of Korea (8 mins) Presentation (2): 100 Zero Waste Cities under PR China's 14th Five-Year Plan (2021-2025) - by Ms. Jingjie Teng, Chief of Policy Research Office, Ministry of Ecology and Environment, PR China (8 mins)	Session Chair: H.E. Mr. Saaga Talu Teafa, Minsitry of Local Government and Agriculture, Tuvalu
Ball Room	Presentation (3): Co-processing of hazardous waste in cement kiln - by Mr. Janaka Weerasinghe, Manager of Chip Mong Ecocyle, Cambodia (8 mins) Presentation (4): Promoting Sustainability in Textile and Garment Industry - by Mrs. Kristin Sommer, Coordinator Environment, GIZ FABRIC Cambodia (8 mins)	Facilitator / Moderator: Dr. Kulwant Singh, CEO 3R WASTE Foundation India
	Presentation (5): "Raising awareness for a plastic-free Mekong River in Kampong Cham Province based on 3R principles – Community - based river cleaning and composting" in cooperation with the German NGO One Earth One Ocean	Rapporteur: Mr. Amit Jain, Managing Director, IRG Systems South

^{11&}lt;sup>th</sup> Regional 3R and Circular Economy Forum in Asia and the Pacific, Kingdom of Cambodia -19-

- by **Mr. Sam Phalla**, Executive Director and Composting Expert, NGO COMPOSTED, Cambodia (8 mins)

Asia Pvt. Ltd, India

Presentation (6): Promoting Circular Economy Measures towards Zero Waste Societies (Case of Plastic Management in Cambodia)

- by **Dr. Moeko Saito-Jensen**, Environmental Policy Specialist, UNDP, Cambodia (8 min)

Panel Discussion (42 mins)

- Mr. Dy Kiden, Director, Solid Waste Management Department, ministry of Environment, Cambodia
- Mr. Sam Phalla, Executive Director and Composting Expert, NGO COMPOSTED, Cambodia
- Mr. Kok Chung Cheang, Deputy Director General of Environmental Protection and Group Director (Resource and Sustainability), National Environment Agency, Singapore
- **Dr. Heinz Schandl**, Senior Scientist, CSIRO, Australia
- **Prof. Prabhat Verma**, Faculty of Engineering, Osaka University, Japan
- **Dr. René Van Bekrel**, UNIDO Representative for India, Bhutan, Maldives, Nepal and Sri Lanka, Regional Office in India, United Nations Industrial Development Organization (UNIDO)
- Mr. Curt Garrigan, Chief, Sustainable Urban Development Section, Environment and Development Division, United Nations Economic and Social Commission for Asia and the Pacific (UN ESCAP) (virtual participation)

Discussion Points

- 1. What are the best examples in the region on next generation 3R infrastructures for moving towards circular and zero waste societies? Which cities have demonstrated the best?
- 2. What critical insights do 100 Zero Waste Cities under PR China's 14th Five-Year Plan (2021-2025) offer in this regard?
- 3. What potential opportunities the private sector offer in building next generation 3R infrastructures (waste storage, treatment, processing and recovery facilities, state of art recycling facilities, eco-industrial zones,

	science parks, digital infrastructure that promote artificial intelligence, internet of things (IoT), etc.) to deal with growing waste generation and diversification of waste streams?	
11:00-11:15	COFFEE/TEA BREAK (15 mins)	
11:15-12:45	PLENARY SESSION 6 Eco-friendly alternatives to single-use plastics	
11:15-12:45 (90 mins) Ball Room	Presentation (1): Single-use Plastics Management in the Asia-Pacific: Regional Status and China's Practice - by Mr. Qingyin Dong, Chief, Regional waste management branch, Basel Convention Regional Center for Asia and the Pacific (BCRC-China) and Associate Professor, School of Environment, Tsinghua University, PR China (8 mins) Presentation (2): Implementation of 3R in Cambodia - by Mr. Dy Kiden, Director, Solid Waste Management Department, ministry of Environment, Cambodia (8 mins) Presentation (3): The Implementation of the measures on "Reducing the Use of Plastic Products and Strengthening Plastic Waste Management for Short Term". - by Mr. Dek Vimeanreaksmey, Deputy Director, Solid Waste Management Department, Ministry of Environment Cambodia (8 mins) Presentation (4): Rice Straw ~ Alternative use of single-use plastics - by Mr. Kim Vannarath, Enterprise Manager, TK&D Manufacturing Enterprises, Cambodia (8 mins)	Session Chair: H.E. Mr. Kith Chankrisna, Advisor to Minister, Ministry of Environment, Cambodia Facilitator / Moderator: Prof. Sadhan Kumar Ghosh, President, International Society of Waste Management, Air and Water, India
	 Panel Discussion (58 mins) Mr. Dy Kiden, Director, Solid Waste Management Department, ministry of Environment, Cambodia Mr. Steven A. Palik, Director, Department of Environment, Climate Change, and Emergency Management, Federated States of Micronesia Ms. Susana Telakau, Solid Waste Management Adviser, Waste Management and Pollution Control, The Secretariat of the Pacific Regional Environment Programme (SPREP) 	Rapporteur: Prof. Anthony Shun Fung Chiu, University Fellow, Dept of Industrial and Systems Engineering, De La Salle University,

	Country Breakout Group 1 Country Presentations (5 mins maximum):	Session Chair: Dr. Trung Thang Nguyen
14:00-16:00	COUNTRY BREAKOUT SESSIONS ~ Country Major Ac Initiatives on Implementation of Ha Noi 3R Declaration (20	
12:45-14:00	NETWORKING LUNCH BREAK (75 mins	s)
	5. What types of international capacity building and collaborative research programs are relevant towards a circular economy and ending plastic waste in the environment (land, water, air, ocean)?	
	4. What is our knowledgebase on toxic and hazardous microplastics (size < 5mm)? To what extent Asian cities do monitor micro-plastics in coastal and marine environment? What is the level awareness on this emerging issue? What is the level of cooperation between city and national government authorities in addressing this issue?	
	3. How can we leverage scientific knowledge and research and partnerships (PPP) to promote ecofriendly alternatives? What can we do to improve this global plastic crisis for realizing sustainable cities and communities as well as to protect the lives below water?	
	2. Where do single-use plastics go once we use and discard them? Why are they detrimental for the environment and natural ecosystem like Tonle Sap? What are eco-friendly alternatives to single use plastics? What are the best examples or cases we have in the region?	
	Discussion Points 1. What is the overall state of plastics waste management in Asian cities? What is the level of knowledgebase (data, information, monitoring, expertise/institutions, research and development) on plastics wastes?	
	 Mr. Alexander Nash, Urban Development Specialist, Asian Development Bank (ADB), Cambodia Dr. Kulwant Singh, CEO, 3R WASTE Foundation, India 	Manila, Philippines

	I	:
	Bangladesh, India, Indonesia, Kiribati, Cook Islands,	Deputy Director
	Solomon Islands, Thailand, Australia, Lao PDR, Sri	General,
14:00-16:00	Lanka, Vietnam	Institute of
(120 mins)	Country presentations (using maximum 5 slides) to focus on-	Strategy and
	(a) major achievements/new initiatives in 3R areas;	Policy on
	(b) critical challenges faced; and	Natural
Room	(c) major plans, including mega-projects and master plans,	Resources and
	in pipeline for future action	Environment
		(ISPONRE),
	Open Discussion	Ministry of
	The open discussion will link to SDG 12	Natural
		Resources and
		Environment
		(MoNRE),
		Vietnam
		Facilitator /
		Moderator: Dr.
		Heinz Schandl,
		Senior Scientist,
		CSIRO,
		Australia
		Tiustrana
		Rapporteur:
		Dr. Sunil
		Herat,
		Associate
		Professor,
		School of
		Engineering
		and Built
		Environment -
		Civil and
		Environmental
		Environmental Engineering,
		Griffith
		University,
		Australia
	Country Progleout Croup 2	
	Country Breakout Group 2	Session Chair:
	Country Presentations (5 mins maximum)	H.E. Mr. Saaga
14.00 16.00	Country Presentations (5 mins maximum):	Talu Teafa,
14:00-16:00	Fiji, PR China, Mongolia, Palau, Samoa, Tuvalu, Papua	Minsitry of
(120 mins)	New Guinea, Federated States of Micronesia, Republic of	Local
	Marshall Islands, Nauru	Government
	Country presentations (using maximum 5 slides) to focus on-	and

	() : 1: 2D	4 . 1,
	(a) major achievements/new initiatives in 3R areas;	Agriculture,
D	(b) critical challenges faced; and	Tuvalu
Room	(c) major plans, including mega-projects and master plans,	
	in pipeline for future action	
		<u>Facilitator /</u>
	Open Discussion	Moderator:
	The open discussion will link to SDG 12	Ms. Susana
		Telakau , Solid
		Waste
		Management
		Adviser, Waste
		Management
		and Pollution
		Control, The
		Secretariat of
		the Pacific
		Regional
		Environment
		Programme
		(SPREP)
		Rapporteur:
		Mr. Qingyin
		Dong, Chief,
		Regional waste
		_
		management branch, Basel
		Convention
		Regional Center
		for Asia and the
		Pacific (BCRC-
		China) and Associate
		Professor,
		School of
		Environment,
		Tsinghua
		University, P.R.
	Country Decolory Course 2	China
	Country Breakout Group 3	Session Chair: H.E. Mr. Vann
	Country Presentations (5 mins maximum):	Monyneath,
	Afghanistan, Cambodia, Malaysia, The Republic of	Director
	Korea, Tonga, Vanuatu, Brunei Darussalam, Myanmar,	General,
1 1 00 1 5 00		· ·
14:00-16:00	the Philippines	General

	()	1. ,
	(a) major achievements/new initiatives in 3R areas;	policy and
_	(b) critical challenges faced; and	Strategy,
Room	(c) major plans, including mega-projects and master plans,	Ministry of
	in pipeline for future action	Environment,
		Cambodia
	Open Discussion	
	The open discussion will link to SDG 12	
		Facilitator /
		Moderator:
		Prof. Anthony
		Shun Fung
		Chiu,
		University
		Fellow, Dept of
		Industrial and
		Systems
		Engineering,
		De La Salle
		University,
		Manila,
		Philippines
		Rapporteur:
		Prof.
		Pariatamby
		Agamuthu,
		Professor,
		Jeffrey Sachs
		Center on
		Sustainable
		Development,
		Sunway University,
		•
	Country Progleout Croup 4	Malaysia Session Chair
14:00-16:00	Country Breakout Group 4	Session Chair: H.E. Mr.
	Country Presentations (5 mins maximum).	
(120 mins)	Country Presentations (5 mins maximum): Phyton John Moldives Nepal Pokiston Singapore	Ibrahim Pashad
	Bhutan, Japan, Maldives, Nepal, Pakistan, Singapore,	Rasheed,
	Timor-Leste, Niue, Tokelau Country presentations (using maximum 5 slides) to focus on	Ministry of
	Country presentations (using maximum 5 slides) to focus on-	Tourism,
D	(a) major achievements/new initiatives in 3R areas;	Maldives
Room	(b) critical challenges faced; and	
	(c) major plans, including mega-projects and master plans,	T
	in pipeline for future action	Facilitator /
		Moderator: Dr.
	Open Discussion	Anupam

	The open discussion will link to SDG 12	Khajuria, Researcher, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA
		Rapporteur: Dr. Misuzu Asari, Associate Professor Graduate School of Global Environmental Studies (GSGES), Kyoto University, Japan
16:00-16:10	COFFEE/TEA BREAK (10 mins)	
16:10-16:30	REPORTING BACK SESSION	
16:10-16:30 (20 mins) Ball Room	Country Breakout Group 1 - by Dr. Sunil Herat, Associate Professor, School of Engineering and Built Environment - Civil and Environmental Engineering, Griffith University, Australia (5 mins) Country Breakout Group 2 - by Mr. Qingyin Dong, Chief, Regional waste management branch, Basel Convention Regional Center for Asia and the Pacific (BCRC-China) and Associate Professor, School of Environment, Tsinghua University, P.R. China (5 mins)	Session Chair: H.E. Mr. Pak Sokharavuth, Director General, General Directorate of Environmental Protection, Ministry of Environment, Cambodia
	Country Breakout Group 3 - by Prof. Pariatamby Agamuthu, Professor, Jeffrey Sachs Center on Sustainable Development, Sunway University, Malaysia (5 mins)	Facilitator/ Moderator: Dr. Sunil

^{11&}lt;sup>th</sup> Regional 3R and Circular Economy Forum in Asia and the Pacific, Kingdom of Cambodia -26-

	Country Breakout Group 4 - by Dr. Misuzu Asari , Associate Professor Graduate School of Global Environmental Studies (GSGES), Kyoto University, Japan (5 mins)	Herat, Associate Professor, School of Engineering and Built Environment - Civil and Environmental Engineering, Griffith University, Australia
16:30-18:00	PLENARY SESSION 7 Consultation on Pre-Zero Draft new 3R and Circular Economy (2024-2034) – Successor of the Hanoi 3R Declaration (2013-2)	
16:30-18:00 (90 mins) Ball Room	Presentation: Introduce the framework of pre-zero draft title 'New Declaration on 3R and Circular Economy- Sustainable 3R and Circular Economy Goals for Achieving Resource Efficient, Clean, Resilient, Sound Material Cycle and Low- Carbon Society in Asia and the Pacific (2024-2034)' [Successor of Ha Noi 3R Declaration (2013-2023)] - by Mr. Choudhury Rudra Charan Mohanty, Environment Programme Coordinator, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA (20 mins) Open Discussion (70 mins)	Session Chair: Dr. Thang Trung Nguyen, Deputy Director, Institute of Strategy and Policy on Natural Resources and Environment (ISPONRE), Ministry of Natural Resources and Environment (MoNRE), Viet Nam Facilitator / Moderator: Mr. Choudhury Rudra Charan Mohanty, Environment Programme Coordinator, United Nations

		Centre for Regional Development (UNCRD)- DSDG/UN DESA
		Rapporteur: Dr. Heinz Schandl, Senior Scientist, CSIRO, Australia and Dr. Anupam Khajuria, Researcher, United Nations Centre for Regional Development (UNCRD)- DSDG/UN
18:00-19:00	PLENARY SESSION 8 Pre-Final version of Report- The Second State of the 3Rs in As: Advancing Circular Economy in Asia and the Pacific Towar Sustainable Development Goals (SDGs)	
	'The Second State of the 3Rs in Asia and the Pacific-Advancing Circular Economy in Asia and the Pacific Towards Achieving the Sustainable Development Goals (SDGs)'	Session Chair: Dr. Thang Trung Nguyen, Deputy Director,
18:00-19:00 (60 mins)	 by Mr. Amit Jain, Managing Director, IRG Systems South Asia Pvt. Ltd, India (15 mins) Panel Discussion and Comments (45 mins) H.E. Pak Sokharavuth, Ministry of Environment, 	Institute of Strategy and Policy on Natural Resources and
Ball Room	Cambodia - Mr. Ujang Solihin Sidik, Deputy Director for Producer Governance, Directorate of Solid Waste Reduction, Ministry of Environment and Forestry, Indonesia	Environment (ISPONRE), Ministry of Natural Resources and Environment

- Mr. Sounadeth Soukechaleun, Deputy Director General of Planning and Finance Department, Ministry of Natural Resources and Environment, Lao PDR
- Mr. Syed Ashar Abbas Zaidi, Deputy Secretary, Ministry of Climate Change, Pakistan
- Ms. Jean Celestial Borromeo, Supervising Environmental Management Specialist/Office-In-Charge, Environmental Monitoring and Enforcement Division, Department of Environment and Natural Resources, The Philippines

(MoNRE), Viet Nam

Facilitator / **Moderator**: Dr. Sunil Herat, Associate Professor, School of Engineering and Built Environment -Civil and Environmental Engineering, Griffith University, Australia

Rapporteur:
Dr. Anupam
Khajuria,
Researcher,
United Nations
Centre for
Regional
Development
(UNCRD)DSDG/UN
DESA

End of Day 2

	DATE: 10 February 2023		
Time/Room	Programme		
09:00-09:30 (30 mins) Ball Room	 Keynote Address (3) Circularity in Solar Energy System to reduce Solar Waste Materials By Mr. Upendra Tripathy, Adjunct Professor, National Institute of Advanced Studies, Bengaluru, Former Founding Director General, International Solar Alliance, Former Secretary MNRE, Govt. of India (30 mins) (virtual participation) 		
09:30-10:30	COFFEE/TEA BREAK (60 mins)		
10:30-11:30	PLENARY SESSION 9 Adoption of the Chair's Summary		
10:30-11:30 (60 mins) Ball Room	Forum Chair: H.E. Mr. Say Samal, Minister, Ministry of Environment, Kingdom of Cambodia Facilitator/ Moderator: Mr. Choudhury Rudra Charan Mohanty, Environment Programme Coordinator, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA Rapporteur: Prof. Anthony Shun Fung Chiu, University Fellow, Dept of Industrial and Systems Engineering, De La Salle University, Manila, Philippines and Dr. Anupam Khajuria, Researcher, United Nations Centre for Regional Development (UNCRD)-DSDG/UN DESA		
11:30-11:50	CLOSING SESSION		
11:30-11:50 (20 mins)	 Handover Ceremony (10 mins) Closing Remarks 		
Ball Room	o Dr. Kazushige Endo , Director, United Nations Centre for Regional Development (UNCRD) (5 mins)		

^{11&}lt;sup>th</sup> Regional 3R and Circular Economy Forum in Asia and the Pacific, Kingdom of Cambodia -30-

	 H.E. Mr. Say Samal, Minister, Minister of Environment, Kingdom of Cambodia (5 mins)
12:00-14:00	NETWORKING LUNCH BREAK (120 mins)
14:00-18:00	TECHINCAL FIELD VISIT Hosted by Ministry of Environment, Kingdom of Cambodia Meeting point: In front of Ball Room • Angkor Wat Temple (~70 people) • Tonle Sap Lake (~70 people)
End of the Forum	