



United Nations Centre for
Regional Development



Ministry of Environment,
Kingdom of Cambodia



Ministry of the Environment,
Government of Japan

As of 20 December 2022

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

Co-organizers

Ministry of the 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

Forum Chair

Name

Hon. Minister, Ministry of Environment, Kingdom of Cambodia (tbc)

Partners

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

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

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

International Conference on Sustainable Waste Management and Technology (ICWMT)

The Global Sustainable Technology & Innovation Conference (G-STIC) (tbc)

Supporting Organizations

The Secretariat of the Pacific Regional Environment Programme (SPREP)

Institute of Global Environmental Strategies (IGES) (tbc)

Economic Research Institute for ASEAN and East Asia (ERIA) (tbc)

United Nations Environment Programme (UNEP) (tbc)

United Nations Industrial Development Organization (UNIDO) (tbc)

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

Summary of all events

Sr. No.	Title of Pre-event/ Main event/ Parallel event	Date/Time	Venue
1	Webinar on Digitalisation in Waste Management [Pre-Event]	12 February 2021	India (Online)
2	Webinar on Waste to Wealth - Moving towards Circular Economy [Pre-Event]	22 March 2021	India (Online)
3	Webinar on 3R & Circular Economy for Achieving Clean Water, Land and Air [Pre-Event]	5 June 2021	India (Online)
4	16th International Conference on Waste Management and Technology (16ICWMT 2021) [Pre-Event]	25-28 June 2021	Beijing, PR China (Hybrid)
5	Webinar on Accelerating Urban Action for a Carbon Free World [Pre-Event]	October 2021	India (Online)
6	Webinar on Circular Economic Utilisation of Plastic Waste in India and the Asian Region [Pre-Event]	8 December 2021	India (Online)
7	Webinar on The Road to Beverage Cartons Recyclability [Pre-Event]	1 February 2022	India (Online)
8	Webinar on the theme Role of 3R & Circular Economy in Water Security of India [Pre-Event]	10 March 2022	India (Online)
9	The 8 th 3R International Scientific Conference on Material Cycles and Waste Management (3RINCs 2022) [Pre-Event]	14-18 March 2022	Kyoto, Japan (Online)
10	Webinar on Recycling of Beverage Cartons and Plastic Packaging in Circular Economy- Celebrating World Environment Day 2022 [Pre-Event]	6 June 2022	India (Online)
11	Webinar on Plastic Credit Systems [Pre-Event]	22 August 2022	India (Online)
12	Webinar on Redefining Multi-Layer Packaging Plastic Waste [Pre-Event]	23 November 2022	India (Online)

13	12 th International Conference on Sustainable Waste Management & Circular Economy and IPLA Global Forum 2022 (12 th IconSWM-CE & IPLA Global Forum 2022) [Pre-Event]	29 November-03 December 2022	Sri Venkateswara University, Tirupati, Andhra Pradesh, India (Hybrid)
14	11 th Regional 3R and Circular Economy Forum in Asia and the Pacific [Main event]	08-10 February 2023	Kingdom of Cambodia

Meeting link for online participants (For Non-Government only)	
Forum Day	Meeting Link of Webex or Zoom
DAY 1	
DAY 2	
DAY 3	

DAY 1 DATE: 08 February 2023	
Time/Room	Programme
08:00-09:00	Registration
09:00-09:30	Opening Ceremony
Ball Room	<ul style="list-style-type: none"> • Cultural function/Ceremony • Welcome and Opening Remarks <ul style="list-style-type: none"> ○ Mr. Kazushige Endo Director, United Nations Centre for Regional Development (UNCRD) (5 min) ○ Name Ministry of the Environment, Japan (MOEJ) (5 min) ○ Name UN Resident Coordinator (5 min) ○ Name, Ministry of Environment, Kingdom of Cambodia (5 min)
09:30-09:45 Room	Group Photograph (all participants are invited to join)
09:45-10:00	COFFEE / TEA BREAK
10:00-10:30 Ball Room	<p>Keynote Address (1) Japan Society 5.0 and Circular Economy Roadmap ~ Transitioning to Resource Efficient and Zero Waste Societies</p> <p>- <i>By Prof. Shinichi Sakai, Vice President, Advanced Science, Technology & Management Research Institute of KYOTO (ASTEM), Japan (30 min)</i> (tbc)</p>
10:30-12:00	PLENARY SESSION 1 Creating Synergies in Achieving SDGs and Paris Agreement on Climate Change through Circular Economy
	<div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>Background Presentation (1): Creating synergies in achieving SDGs and Paris agreement on climate change through circular economy</p> </div> <div style="width: 25%; border-left: 1px solid black; padding-left: 10px;"> <p>Session Chair: <i>Name, Ministry of Environment,</i></p> </div> </div>

DAY 1 DATE: 08 February 2023		
Time/Room	Programme	
Ball Room	<ul style="list-style-type: none"> - by Representative, <i>The Organisation for Economic Co-operation and Development (OCED) (12 min) (tbc)</i> <p>Presentation (2): Path to Zero ~ Role of Circular Economy</p> <ul style="list-style-type: none"> - by Dr. Heinz Schandl, <i>Research Group Leader, Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia (12 min)</i> <p>Panel Discussion (66 min)</p> <ul style="list-style-type: none"> - <i>National Government (3)</i> - <i>Experts/UN Org. (2)</i> <p>Discussion Points</p>	<p><i>Kingdom of Cambodia (tbc)</i></p> <p>Facilitator / Moderator: Mr. Choudhury Rudra Charan Mohanty, <i>Environment Programme Coordinator, United Nations Centre for Regional Development (UNCRD)-DSDG/UN DESA</i></p> <p>Rapporteur : Dr. Kulwant Singh, <i>CEO 3R WASTE Foundation India</i></p>
12:00-14:00	NETWORKING LUNCH BREAK	
14:00-15:30	PLENARY SESSION 2 Circular Economy towards Sustainable Tourism	
Ball Room	<p>Presentation (1): Sustainable Tourism ~ Role of Circular Economy</p> <ul style="list-style-type: none"> - by Prof. Anthony SF Chiu, <i>University Fellow, Dept of Industrial and Systems Engineering, De La Salle University, Manila, Philippines (12 min) (tbc)</i> <p>Presentation (2): Sustainable Tourism and Circular Economy in SIDS</p> <ul style="list-style-type: none"> - by Ms. Susana Telaku, <i>Solid Waste Management Adviser, Waste Management and Pollution Control,</i> 	<p>Session Chair: Name, <i>Minsitry of Natural Resources and Environment, Thailand (tbc)</i></p> <p>Facilitator / Moderator: Representative, UNEP (tbc)</p>

DAY 1 DATE: 08 February 2023		
Time/Room	Programme	
	<p style="text-align: center;"><i>The Secretariat of the Pacific Regional Environment Programme (SPREP) (12 min)</i></p> <p>Panel Discussion (66 min)</p> <ul style="list-style-type: none"> - <i>National Government (3)</i> - <i>Experts/UN Org. (2)</i> - Representative, <i>Ministry of Environment, Climate Change and Technology, Maldives (tbc)</i> - Representative, <i>Ministry of Environment, Lands and Agricultural Development, Kiribati (tbc)</i> <p>Discussion Points</p>	<p>Rapporteur: Prof. Chettiyappan Visvanathan, <i>Environmental Engineering and Management School of Environment, Resources and Development, Asian Institute of Technology, Thailand</i></p>
15:30-16:00	COFFEE / TEA BREAK	
16:00-17:30	PLENARY SESSION 3 Special Session on Circular Economy towards Restoring Tonle-Sap Ecosystem	
Ball Room	<p>Presentation (1): Issues of plastic waste management and Tonle-Sap Ecosystem</p> <ul style="list-style-type: none"> - <i>by Representative, Kingdom of Cambodia (12 min) (tbc)</i> <p>Presentation (2): A 3R model in Sustainable Urban Development towards prevention of wastes in Tonle-Sap Ecosystem</p> <ul style="list-style-type: none"> - <i>by Mr. Sea Sophal, Bamboo Foundation, Kingdom of Cambodia (12 min) (tbc)</i> <p>Panel Discussion (66 min)</p> <ul style="list-style-type: none"> - <i>National Government, Cambodia (1)</i> - <i>Experts/ NGO/ Organization, Cambodia (2)</i> - Representative, <i>The Asian Development Bank (ADB) (tbc)</i> - <i>Expert (1) (tbc)</i> <p>Discussion Points</p>	<p>Name, <i>Tonle Sap Authority (TSBA), Cambodia (tbc)</i></p> <p>Facilitator / Moderator: Representative, <i>United Nations Economic and Social Commission for Asia and the Pacific (UN-ESCAP) (tbc)</i></p> <p>Rapporteur: Representative, <i>Institute for</i></p>

DAY 1 DATE: 08 February 2023	
Time/Room	Programme
	<i>Global Environmental Strategies (IGES), Japan (tbc)</i>
19:00-21:00	<p>WELCOME RECEPTION</p> <p><i>Hosted by Ministry of Environment, Kingdom of Cambodia (tbc)</i></p> <p><i>Signing of the Indore 3R Declaration of Asian Mayors on Achieving Clean Water, Clean Land and Clean Air in Cities</i></p> <p><i>(Please see detailed programme on last page of the programme)</i></p>
End of Day 1	

DAY 2 DATE: 09 February 2023		
Time/Room	Programme	
09:00-09:30 Room	Keynote Address (2) Circular Economy and Green Energy Transition towards Transforming Regions and Future Proof Communities – Case of Multisectoral Coolgardie Regional Transformation Alliance for Achieving the Climate Change Mitigation and the SDGs – by Mr. James Trail , CEO, Shire of Coolgardie, Australia and Mr. Hemant Chaudhary , Founder and Managing Director, Circular Economy Alliance Australia (CEAA), Australia (30 min)	
09:30-11:00	PLENARY SESSION 4 Circular Economy and Small and Medium Enterprises (SMEs)	
Ball Room	<p>Presentation (1): Towards resilient, Carbon Neutral Growth and Circular Economy by Greening of SMEs</p> <ul style="list-style-type: none"> - by Mr. Rene Van Berkel, United Nations Industrial Development Organization (UNIDO) - Regional Office in India (10 min) (tbc) <p>Presentation (2): Assessing the readiness of Industry 4.0 and Circular Economy ~ Case of ASEAN and East Asia Region</p> <ul style="list-style-type: none"> - by Representative, The Economic Research Institute for ASEAN and East Asia (ERIA) (10 min) (tbc) <p>Presentation (3): How can SMEs be supported to transiting to a Circular Economy?</p> <ul style="list-style-type: none"> - by Representative, The United Nations Environment Programme (UNEP)/ The Stockholm Environment Institute (SEI) (10 min) (tbc) <p>Presentation (4): Sustainable SMEs (tbc)</p> <ul style="list-style-type: none"> - by Representative, Ministry of Industry, Cambodia (10 min) (tbc) <p>Panel Discussion (50 min)</p> <ul style="list-style-type: none"> - National Government, Cambodia (1) - Experts (2) - Private sector (2) 	<p>Session Chair: <i>Name, Ministry of Industries, Bangladesh (tbc)</i></p> <p>Facilitator / Moderator: Mr. K.D. Bhardwaj, Director, Environment and International Services, National Productivity Council, India (tbc)</p> <p>Rapporteur: Prof. Sadhan Kumar Ghosh, Professor, Jadavpur University, Kolkata, India (tbc)</p>

	Discussion Points	
11:00-11:30	COFFEE/TEA BREAK	
11:30-13:00	PLENARY SESSION 5 Bridging 3R Infrastructure Gap towards Circular and Zero Waste Societies	
Ball Room	<p>Presentation (1): Japanese Ecotown, Circular Economy and Sound Material Cycle Society</p> <ul style="list-style-type: none"> - by Representative, Kitakyushu city or Kawasaki city, Japan (10 min) (tbc) <p>Presentation (2): Circular Economy as a key enabler for realizing Smart Cities</p> <ul style="list-style-type: none"> - by Representative, Indore Municipal Corporation, Indore city, India (10 min) (tbc) <p>Presentation (3): Scaling up Circular Economy through Sustainable infrastructure development – Case of Republic of Korea</p> <ul style="list-style-type: none"> - by Representative, Korea Environment Institute, Republic of Korea (10 min) (tbc) <p>Presentation (4): 100 Zero Waste Cities under PR China’s 14th Five-Year Plan (2021-2025)</p> <ul style="list-style-type: none"> - by Representative, Ministry of Ecology and Environment (MEE), PR China (10 min) (tbc) <p>Presentation (5): Presentation by local govt. (tbc)</p> <ul style="list-style-type: none"> - by Representative, Cambodia (10 min) (tbc) <p>Panel Discussion (40 min)</p> <ul style="list-style-type: none"> - Representative, The National Environment Agency, Singapore (tbc) - Representative, Ministry of Natural Resources and Environment, Vietnam (tbc) - Representative, Ministry of Natural Resources and Environment, Thailand (tbc) - Expert (2) (tbc) <p>Discussion Points</p>	<p><u>Session Chair:</u></p> <p><u>Facilitator / Moderator:</u></p> <p><u>Rapporteur:</u> Mr. Amit Jain, Managing Director, IRG Systems South Asia Pvt. Ltd, India (tbc)</p>
13:00-14:30	NETWORKING LUNCH BREAK	

14:30-16:30	COUNTRY BREAKOUT SESSIONS ~ Country Major Achievements and Initiatives on Implementation of Ha Noi 3R Declaration (2013-2023)	
Room	<p>Country Breakout Group 1</p> <p>Country Presentations (5 min maximum): PR China, Bangladesh, India, Indonesia, Kiribati, Cook Islands, Samoa, Thailand, Australia, the Philippines, Sri Lanka</p> <p><i>Country presentations (using maximum 5 slides) to focus on-</i> <i>(a) major achievements/new initiatives in 3R areas;</i> <i>(b) critical challenges faced; and</i> <i>(c) major plans, including mega-projects and master plans, in pipeline for future action</i></p> <p>Open Discussion The open discussion will link to SDG 12</p>	<p><u>Facilitator / Moderator:</u></p> <p><u>Rapporteur:</u> Dr. Sunil Herat, Associate Professor, School of Engineering and Built Environment - Civil and Environmental Engineering, Griffith University, Australia</p>
Room	<p>Country Breakout Group 2</p> <p>Country Presentations (5 min maximum): Japan, Lao PDR, Myanmar, Mongolia, Palau, Solomon Islands, Tuvalu, Papua New Guinea, Federated States of Micronesia, Nauru, Viet Nam</p> <p><i>Country presentations (using maximum 5 slides) to focus on-</i> <i>(a) major achievements/new initiatives in 3R areas;</i> <i>(b) critical challenges faced; and</i> <i>(c) major plans, including mega-projects and master plans, in pipeline for future action</i></p> <p>Open Discussion The open discussion will link to SDG 12</p>	<p><u>Session Chair:</u></p> <p><u>Facilitator / Moderator:</u></p> <p><u>Rapporteur:</u> Mr. Michikazu Kojima, Senior Economist, Economic Research Institute for ASEAN and East Asia (tbc)</p>
Room	<p>Country Breakout Group 3</p> <p>Country Presentations (5 min maximum): Afghanistan, Cambodia, Malaysia, The Republic of Korea, Tonga, Vanuatu, Brunei Darussalam, Fiji, Commonwealth of the Northern Mariana Island, Mauritius</p> <p><i>Country presentations (using maximum 5 slides) to focus on-</i> <i>(a) major achievements/new initiatives in 3R areas;</i> <i>(b) critical challenges faced; and</i> <i>(c) major plans, including mega-projects and master plans, in pipeline for future action</i></p>	<p><u>Session Chair:</u></p> <p><u>Facilitator / Moderator:</u></p> <p><u>Rapporteur:</u> Prof. Pariatamby Agamuthu, Professor, Jeffrey Sachs Center on</p>

	<p>Open Discussion The open discussion will link to SDG 12</p>	<p><i>Sustainable Development, Sunway University, Malaysia</i></p>
Room	<p>Country Breakout Group 4</p> <p>Country Presentations (5 min maximum): Bhutan, Maldives, Republic of the Marshall Islands, Nepal, Pakistan, Singapore, Timor-Leste, New Zealand, Niue, Tokelau <i>Country presentations (using maximum 5 slides) to focus on-</i> <i>(a) major achievements/new initiatives in 3R areas;</i> <i>(b) critical challenges faced; and</i> <i>(c) major plans, including mega-projects and master plans, in pipeline for future action</i></p> <p>Open Discussion The open discussion will link to SDG 12</p>	<p><u>Session Chair:</u></p> <p><u>Facilitator / Moderator:</u></p> <p><u>Rapporteur:</u> <i>Dr. Misuzu Asari, Associate Professor Graduate School of Global Environmental Studies (GSGES), Kyoto University, Japan</i></p>
16:30-17:00	COFFEE/TEA BREAK	
17:00-17:20	REPORTING BACK SESSION	
Ball Room	<ul style="list-style-type: none"> • Reporting back Country Reporting Country Breakout Group 1 <ul style="list-style-type: none"> - by Dr. Sunil Herat, Associate Professor, School of Engineering and Built Environment - Civil and Environmental Engineering, Griffith University, Australia (5 min) Country Breakout Group 2 <ul style="list-style-type: none"> - by Mr. Michikazu Kojima, Senior Economist, Economic Research Institute for ASEAN and East Asia (5 min) (tbc) Country Breakout Group 3 <ul style="list-style-type: none"> - by Prof. Pariatamby Agamuthu, Professor, Jeffrey Sachs Center on Sustainable Development, Sunway University, Malaysia (5 min) Country Breakout Group 4 <ul style="list-style-type: none"> - by Dr. Misuzu Asari, Associate Professor Graduate School of Global Environmental Studies (GSGES), Kyoto University, Japan (5 min) (tbc) 	<p><u>Session Chair:</u></p> <p><u>Facilitator/ Moderator:</u></p>

17:20-19:00	PLENARY SESSION 6 3rd Drafting committee Meeting-cum-Experts Consultation on Pre-Zero Draft new 3R and Circular Economy Declaration (2024-2034)	
Ball Room	<p>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)]</p> <p>- by Mr. Choudhury Rudra Charan Mohanty, Environment Programme Coordinator, United Nations Centre for Regional Development (UNCRD)-DSDG/UN DESA (20 min) (20 min)</p> <p>Open Discussion (70 min)</p>	<p><u>Session Chair:</u> Dr. Thang Trung Nguyen, Deputy Director, Institute of Strategy and Policy on Natural Resources and Environment, Ha Noi Viet Nam</p> <p><u>Facilitator / Moderator:</u> Mr. Choudhury Rudra Charan Mohanty, Environment Programme Coordinator, United Nations Centre for Regional Development (UNCRD)-DSDG/UN DESA</p> <p><u>Rapporteur:</u> Dr. Heinz Schandl, Senior Scientist, CSIRO, Australia and Dr. Anupam Khajuria, Researcher, United Nations Centre for Regional Development</p>

		<i>(UNCRD)- DSDG/UN DESA</i>
End of Day 2		

DAY 3 DATE: 10 February 2023	
Time/Room	Programme
09:00-09:30 Ball Room	Keynote Address (3) Circularity in Solar Energy System to reduce Solar Waste Materials - <i>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 min) (tbc)</i>
09:30-11:30	PLENARY SESSION 7 Adoption of the Chair's Summary and Launch of pre-final version of Report- The Second State of the 3Rs and Resource Circulation and Circular Economy in Asia and the Pacific
Ball Room	<u>Chair:</u> <i>Name, Ministry of Environment, Kingdom of Cambodia</i> <u>Facilitator/ Moderator:</u> <i>Mr. Choudhury Rudra Charan Mohanty, Environment Programme Coordinator, United Nations Centre for Regional Development (UNCRD)-DSDG/UN DESA</i> <u>Rapporteur:</u> <i>Prof. Anthony SF Chiu, University Fellow, Dept of Industrial and Systems Engineering, De La Salle University, Manila, Philippines</i> <i>and</i> <i>Dr. Anupam Khajuria, Researcher, United Nations Centre for Regional Development (UNCRD)-DSDG/UN DESA</i>
11:30-12:00	COFFEE/TEA BREAK
12:00-12:30	CLOSING SESSION
Ball Room	<ul style="list-style-type: none"> • Handover Ceremony (15 min) • Closing Remarks <ul style="list-style-type: none"> ○ <i>United Nations Centre for Regional Development (UNCRD) (5 min)</i> ○ <i>Ministry of the Environment, Japan (MOEJ) (5 min)</i> ○ <i>Name, Hon. Minister, Minister of Environment, Kingdom of Cambodia (5 min)</i>

12:30-14:00	NETWORKING LUNCH BREAK
14:00-18:00	TECHINCAL FIELD VISIT
End of the Forum	

**Signing of the Indore 3R Declaration of Asian Mayors on Achieving Clean Water,
Clean Land and Clean Air in Cities**

Hosted by Ministry of Environment, Kingdom of Cambodia

Date 8 February 2023

Day: 3

Time: 19:00-21:00

Session Chair:

Facilitator/Moderator:

Agenda items:

- 1) Opening Remarks by **Name of Mayor, Name of city**, Kingdom of Cambodia (3 min)
- 2) Brief Introduction of the Indore 3R Declaration – by **Mr. Choudhury Rudra Charan Mohanty**, Environment Programme Coordinator, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA
- 3) Signing of the Indore 3R Declaration by Cities of Kingdom of Cambodia
- 4) Signing of the Indore 3R Declaration by participating Asian Mayors and City Authorities
- 5) Group photo of the Mayors/City Authorities
- 6) Concluding Remarks by **Name of Mayor, Name of City**, Kingdom of Cambodia (3 min)