

As of 22 December 2020



United Nations Centre for  
Regional Development



Ministry of the Environment,  
Government of Japan

## **Provisional Programme of 10th Regional 3R and Circular Economy Forum in Asia and the Pacific (Series of Webinars)**

**Date:** Series of Webinars [Webinar I: 24 November 2020, Webinar II: 1 December 2020, Webinar III: 8 December 2020, Webinar IV: 14 December 2020, Webinar V: 17 December 2020 and Webinar VI: 22 December 2020]

**Format:** Webinar (in Webex Platform)

**Theme:** Advancing Circular Economy in Asia-Pacific towards the SDGs under COVID-19 Pandemic

### **Co-organizers**

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)  
International environmental Technology Centre, United Nations Environment Programme (UNEP-IETC)  
United Nations Human Settlements Programme (UN-Habitat), Regional Office for Asia and the Pacific (ROAP)  
International Society of Waste Management, Air and Water (9th IconSWM 2019)  
The Global Sustainable Technology & Innovation Conference (G-STIC 2020)  
The 15<sup>th</sup> International Conference on Waste Management and Technology (2020 Global Waste Forum)

### **Supporting Organizations**

Institute of Global Environmental Strategies (IGES)  
Economic Research Institute for ASEAN and East Asia (ERIA)  
United Nations Industrial Development Organization (UNIDO)  
Secretariat of the Pacific Regional Environment Programme (SPREP)  
Organisation for Economic Co-operation and Development (OECD)  
Ellen MacArthur Foundation  
Global Forum on Human Settlements (GFHS)

No.	Event category	Summary of all events	Date / Time	Venue
1	Pre-event	9 <sup>th</sup> International Conference on Sustainable Waste Management (9 <sup>th</sup> IconSWM 2019)	27-30 November 2019	Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar, Odisha, India
2	Pre-event	The 15 <sup>th</sup> International Conference on Solid Waste Management and Technology (15 <sup>th</sup> ICWMT)	28-30 June 2020	Format: Web Meeting
3	Pre-event	Sustainable solid waste management during COVID-19	3 September 2020	Format: Web Meeting
4	Pre-event	The Challenges of Plastic Waste Management	1 October 2020	Format: Web Meeting
5	Side event	The Tenth Asia and the Pacific 3R Citizens Forum Empowerment and Initiatives of Civil Society Organizations and NGOs Advancing Circular Economy to Achieve SDGs	13 December 2020	Format: Web Meeting
6	Series of Webinars	Webinar I Role of Eco-Towns in advancing 3R and Circular Economy – International Experiences of	24 November 2020 / Bangkok Time: 12:30 PM-15:00 PM Japan Time: 14:30-17:00 PM London Time: 5:30 AM-8:00 AM	Format: Webinar (in Webex Platform)

	Eco-Town Projects on 3R	New York Time: 01:30 AM-04:00 AM India Time (IST): 11:00 AM-13:30 PM	
	Webinar II Lessons learned from COVID-19 pandemic situation towards building resilient cities (-> SDG 11) – What can 3R and circular economy offer at local, national and regional levels?	1 December 2020 / Bangkok Time: 12:30 PM-15:00 PM Japan Time: 14:30-17:00 PM London Time: 5:30 AM-8:00 AM New York Time: 01:30 AM-04:00 AM India Time (IST): 11:00 AM-13:30 PM	
	Webinar III 3R and circular economy as the basis for moving towards zero plastic waste in coastal and marine environment (-> SDG 14)	8 December 2020 / Bangkok Time: 12:30 PM-15:00 PM Japan Time: 14:30-17:00 PM London Time: 5:30 AM-8:00 AM New York Time: 01:30 AM-04:00 AM India Time (IST): 11:00 AM-13:30 PM	
	Webinar IV Role of triangular cooperation (government-scientific & research organization-private sector) in advancing 3R and circular economy	14 December 2020 / Bangkok Time: 12:30 PM-15:00 PM Japan Time: 14:30-17:00 PM London Time: 5:30 AM-8:00 AM New York Time: 01:30 AM-04:00 AM	

		in Asia-Pacific (session on IPLA – a SDG partnership)	India Time (IST): 11:00 AM-13:30 PM	
		Webinar V Scope and coverage of 2nd State of 3R in Asia and the Pacific	17 December 2020 / Bangkok Time: 12:30 PM-15:00 PM Japan Time: 14:30- 17:00 PM London Time: 5:30 AM-8:00 AM New York Time: 01:30 AM-04:00 AM India Time (IST): 11:00 AM-13:30 PM	
		Webinar VI Discussion and finalization of consolidated Forum’s Summary of 10th Regional 3R and Circular Economy Forum	22 December 2020 / Bangkok Time: 12:30 PM-14:30 PM Japan Time: 14:30- 16:30 PM London Time: 5:30 AM-7:30 AM New York Time: 01:30 AM-03:30 AM India Time (IST): 11:00 AM-13:00 PM	

\*Duration of Webinars: Approximately 2 hours 30 minutes  
[Except Webinar VI: Approximately 2 hours]

## PROGRAMME OF WEBINAR I

**Date: 24 November 2020**  
**Bangkok Time: 12:30 PM-15:00 PM**  
**Japan Time: 14:30-17:00 PM**  
**London Time: 5:30 AM-8:00 AM**  
**New York Time: 01:30 AM-04:00 AM**  
**India Time (IST): 11:00 AM-13:30 PM**

**Role of eco-towns in advancing 3R and circular economy –  
International experiences of eco-town projects on 3R**

### Opening Ceremony

- Welcome remarks by *Mr. Kazushige Endo, Director, United Nations Centre for Regional Development (UNCRD)-DSDG/ UN DESA, Japan (5 min)*
- Opening remarks by *Mr. Shinjiro Koizumi, Minister, Ministry of the Environment, Japan (video message) (3 min)*

### Keynote Address

**Accelerating achievements of SDGs – Role of circular economy**

- *by Mr. Andrew Morlet, Chief Executive, Ellen MacArthur Foundation, United Kingdom (12 min)*

### Plenary Session

**Background Presentation 1:** Role of eco-towns in advancing 3R and circular economy – International cases and experiences

- *by Dr. Tsuyoshi Fujita, Professor, The University of Tokyo, Japan (8 min)*

**Presentation 2:** Opportunities and benefits of advanced material circulating project~ Case of Osaki town, Kagoshima, Japan

- *by Ms. Akiyo Morita, Keio University, Japan (8 min)*

**Presentation 3:** Environmental policies and actions

### Webinar Chair:

*Mr. Takayuki Shigematsu,  
Office for Promotion of Sound Material-Cycle Society,  
Environmental Regeneration and Material Cycles*

<p>for a resource re-circulation society- Case of Kitakyushu</p> <ul style="list-style-type: none"> <li>- <i>by Mr. Yuichi Arita, Director, International Environmental Strategies Division, Environment Bureau, Kitakyushu city, Japan (8 min)</i></li> </ul> <p><b>Presentation 4:</b> Promoting green industry for circular economy</p> <ul style="list-style-type: none"> <li>- <i>by Dr. René Van Berkel, United Nations Industrial Development Organization (UNIDO) Representative, Regional Office in India (8 min)</i></li> </ul> <p><b>Presentation 5:</b> Circular economic utilization of bio-mass waste instead of open burning ~ Climate and health co-benefits</p> <ul style="list-style-type: none"> <li>- <i>by Dr. Valentin Foltescu, Senior Programme Management Officer, UNEP-Climate &amp; Clean Air Coalition (CCAC) Secretariat, India (8 min)</i></li> </ul>	<p><i>Bureau, Ministry of the Environment, Japan</i></p> <p><b><u>Facilitator / Moderator:</u></b> <i>Mr. Choudhury Rudra Charan Mohanty, Environment Programme Coordinator, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA, Japan</i></p>
<p><b>Panel Discussion (70 min)</b></p> <ul style="list-style-type: none"> <li>- <i>Mr. Biswajit Banerjee, Joint Secretary, Ministry of Rural Development, India</i></li> <li>- <i>Mr. Ananda Ram Bhaskar, Deputy Chief Executive Officer (Environmental Protection), National Environment Agency, Singapore</i></li> <li>- <i>Mr. Phee Boon Poh, Penang State Minister, Penang State Government, Malaysia</i></li> <li>- <i>Ms. Oriana Romano, Head of Unit – OECD Water Governance and Circular Economy, Organisation for Economic Co-operation and Development (OECD)</i></li> <li>- <i>Dr. Tsuyoshi Fujita, Professor, The University of Tokyo, Japan</i></li> <li>- <i>Dr. Helmut Yabar, Associate Professor, Faculty of Life and Environmental Sciences, the University of Tsukuba, Japan</i></li> </ul> <p><b>Discussion Points:</b></p>	<p><b><u>Rapporteur:</u></b> <i>Dr. Anupam Khajuria, Researcher, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA, Japan</i></p>

<ol style="list-style-type: none"> <li>1. <i>What are the prospects of 3R and circular economy in key development sectors of Asia (urban development such as buildings, infrastructure, construction, manufacturing and industries, transport, energy, etc.)? To what extent the role of eco-towns is clearly understood in the context of advancing circular economy?</i></li> <li>2. <i>What are the defining features of the eco-towns that bring win-win benefits in achieving both circular economy and SDGs?</i></li> <li>3. <i>What critical lessons do City of Osaki and Kitakyushu offer towards advancement of circular economy? How can they be replicated in other parts of Asia? What are the challenges? How can developing cities overcome those challenges?</i></li> <li>4. <i>What are the key enabling policy, institutional, financial and technological interventions that the governments should consider in greening the industries towards resource efficiency and circular economy?</i></li> <li>5. <i>What are the enabling policy, governance, financial, institutional and technological considerations for countries to accelerate circular economic utilization of agriculture and biomass waste? In the face of growing concerns on climate change, what potential co-benefits (air quality and GHG emission reduction) biomass and agricultural waste sector offer to Asia-Pacific countries?</i></li> </ol>	
<p><b>Open Discussion</b> (20 min)</p>	
<p style="text-align: center;"><b>End of Webinar I</b></p>	

## PROGRAMME OF WEBINAR II

**Date: 1 December 2020**

**Bangkok Time: 12:30 PM-15:00 PM**

**Japan Time: 14:30-17:00 PM**

**London Time: 5:30 AM-8:00 AM**

**New York Time: 01:30 AM-04:00 AM**

**India Time (IST): 11:00 AM-13:30 PM**

**Lessons learned from COVID-19 pandemic situation towards building resilient cities (-> SDG 11) – What can 3R and circular economy offer at local, national and regional levels?**

### Keynote Address

**Circular economy as a preventative solution during and post COVID-19 pandemic**

- *by Dr. Keith Alverson, Director, International Environmental Technology Centre, United Nations Environment Programme (UNEP- IETC), Japan (12 min)*

*[delivered by Dr. Shunichi Honda, Programme Officer, International Environmental Technology Centre, United Nations Environment Programme (UNEP- IETC), Japan]*

### Plenary Session

**Background Presentation 1:** Lessons learned from COVID-19 pandemic situation towards building resilient cities (-> SDG 11) – What can 3R and circular economy offer at local, national and regional levels?

- *by Prof. Anthony Shun Fung Chiu, De La Salle University, the Philippines (8 min)*

**Presentation 2:** New conceptions of circularity by re-organising the 3R's concept into waste hierarchy

- *by Dr. Walter J.V. Vermeulen, Utrecht University Netherlands (8 min)*

**Presentation 3:** New business opportunities in circular economy in response to COVID-19 pandemic

#### **Webinar Chair:**

*Ms. Preeyaporn Suwanaged, Deputy Director General, Ministry of Natural Resources and Environment, Thailand*

#### **Facilitator / Moderator:**

*Prof. Karl Vrancken,*



<ul style="list-style-type: none"> <li>- <i>by Dr. Prasad Modak, Executive President, Environmental Management Centre, India (8 min)</i></li> </ul> <p><b>Presentation 4:</b> Green Jobs for 3R &amp; CE: How to protect waste workers during COVID-19 pandemic by promoting better jobs?</p> <ul style="list-style-type: none"> <li>- <i>by Dr. Cristina Martinez, Senior Specialist, Environment and Decent Work, LO Regional Office for Asia and the Pacific, International Labour Organization (ILO), Thailand (8 min)</i></li> </ul> <p><b>Presentation 5:</b> Redesigning the socio-economic system to more sustainable and resilient through 3 transitions</p> <ul style="list-style-type: none"> <li>- <i>by Mr. Takayuki Shigematsu, Deputy Director, Office for Promoting Sound Material Cycles Society, the Ministry of the Environment, Japan (8 min)</i></li> </ul> <p><b>Presentation 6:</b> Lessons learned from COVID-19 pandemic situation towards building resilient cities ~ Experience from 15<sup>th</sup> Global Forum on Human Settlements (GFHS)</p> <ul style="list-style-type: none"> <li>- <i>by Ms. Christine Lian Ho, Deputy Secretary General, Global Forum on Human Settlements (GFHS), Coordinator for International Green Model City Initiative (8 min)</i></li> </ul>	<p><i>Research Manager Sustainable Materials VITO NV, Belgium</i></p> <p><b><u>Rapporteur:</u></b> <i>Dr. Sunil Herat Associate Professor, Griffith University, Australia</i></p>
<p><b>Panel Discussion (70 min)</b></p> <ul style="list-style-type: none"> <li>- <i>Mr. Dinesh Kumar, Deputy Secretary, Ministry of Rural Development, India</i></li> <li>- <i>Mr. Atsushi Koresawa, Director, Regional Representative of Asia and the Pacific, United Nations Human Settlement Programme (UN Habitat), Fukuoka, Japan</i></li> <li>- <i>Dr. Heinz Schandl, Senior Science Leader Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia</i></li> <li>- <i>Mr. Curt Garrigan, Chief, Sustainable Urban Development Section, Environment and</i></li> </ul>	

*Development Division, United Nations Economic and Social Commission for Asia and the Pacific, (UN-ESCAP), Thailand*

**Discussion Points:**

- 1. The cities and municipalities might experience reduction in their waste management services due to the new normal behaviors and the fear of COVID-19 infection has posed many challenges for the future sustainability of waste management services of cities. How can cities and municipalities build-back-better the entire waste management system aftermath of COVID-19? What should be the defining features of municipal waste management system and services keeping in mind emergence of such pandemics in future as well as the mitigation of such virus spreading?*
- 2. How can cities and countries institute or devise better 3R and circular economy policies, programs and institutions to strengthen resilience of cities to fight or withstand against such health emergencies, including pandemics like COVID-19? What critical lessons does COVID-19 pandemic offer us in this regard?*
- 3. How can countries and cities effectively integrate public health considerations into 3R and circular economy policy, planning, including infrastructure development, to minimize the health impact of such pandemics in future?*
- 4. Technological advancements in 3R and circular economy areas may mitigate the fears of infection in waste management service and industry. How could we foster such technological advancements at local and national level through regional (international) cooperation?*

<p>5. <i>How can countries and cities make the socio-economic system redesign sustainable and resilient through transition to circular economy post-COVID-19 based on the 3 transitions concept introduced by Japan?</i></p>	
<p><b>Open Discussion</b> (20 min)</p>	
<p style="text-align: center;"><b>End of Webinar II</b></p>	

## PROGRAMME OF WEBINAR III

**Date: 8 December 2020**

**Bangkok Time: 12:30 PM-15:00 PM**

**Japan Time: 14:30-17:00 PM**

**London Time: 5:30 AM-8:00 AM**

**New York Time: 01:30 AM-04:00 AM**

**India Time (IST): 11:00 AM-13:30 PM**

**3R and circular economy as the basis for moving towards zero plastic waste in coastal and marine environment (-> SDG 14)**

### Keynote Address

**Towards zero waste society for protection of coastal and marine ecosystem ~ Implications towards SDG 14**

- *by Dr. Stefanos Fotiou, Director, Environment and Development Division, United Nations Economic and Social Commission for Asia and the Pacific, (UN-ESCAP), Thailand (12 min)*

### Plenary Session

**Background Presentation 1:** 3R and circular economy as the basis for moving towards zero plastic waste in coastal and marine environment (-> SDG 14) [ Introduction of book- State of Plastics Waste in Asia and the Pacific - Issues, Challenges and Circular Economic Opportunities]

- *by Mr. Amit Jain, Managing Director, IRG Systems South Asia Pvt. Ltd, India (8 min)*

**Presentation 2:** Marine debris and plastic waste management – International experiences

- *by Prof. Karl Vrancken, Research Manager Sustainable Materials VITO NV, Belgium (8 min)*

**Presentation 3:** Plastic Waste Management in Asia and the Pacific- Issues, Solutions and Case Studies

- *by Mr. Michikazu Kojima, Senior Economist, Economic Research Institute for ASEAN and East Asia (ERIA), Indonesia (8 min)*

#### **Webinar Chair:**

*H.E. Mr. Joshua Wycliffe,  
Permanent Secretary,  
Ministry of Waterways & Environment, Fiji*

#### **Facilitator / Moderator:**

*Prof. Chettiyappan Visvanathan,  
Department of Energy, Environment &*

<p><b>Presentation 4:</b> Microplastic emissions from the use of textiles and tyres- key policy insights</p> <ul style="list-style-type: none"> <li>- <i>by Mr. Peter Börkey, Principal Administrator Resources Productivity and Waste, Organisation for Economic Co-operation and Development (OECD) (8 min)</i></li> </ul> <p><b>Presentation 5:</b> Mitsubishi Chemical's Approaches to Sustainability and Plastic Recycling</p> <ul style="list-style-type: none"> <li>- <i>Mr. Daisuke Kanazawa, General Manager, Circular Economy Promotion Unit, Mitsubishi Chemical Corporation, Japan (8 min)</i></li> </ul> <p><b>Presentation 6:</b> Strategic approach for addressing plastics waste</p> <ul style="list-style-type: none"> <li>- <i>Mr. Kazunobu Onogawa, Director, IGES Centre Collaborating with UNEP on Environmental Technologies, Japan (8 min)</i></li> </ul>	<p><i>Climate Change, Asian Institute of Technology, Thailand</i></p> <p><b>Rapporteur:</b> <i>Prof. Sadhan Kumar Ghosh International Society of Waste Management, Air and Water (ISWMAW), India</i></p>
<p><b>Panel Discussion (60 min)</b></p> <ul style="list-style-type: none"> <li>- <i>Mr. Samir Kumar, Joint Secretary, Department of Drinking Water and Sanitation, Ministry of Jal Shakti, India</i></li> <li>- <i>Ms. Rahmawati, ST, M.Si, Head of Waste Management Section, Environmental Agency of DKI Jakarta Province, Indonesia</i></li> <li>- <i>Ms. Ma Bella Guinto, Solid Waste Management Adviser, Secretariat of the Pacific Regional Environment Programme (SPREP), Apia, Samoa</i></li> <li>- <i>Prof. Hideshige Takada, Tokyo University of Agriculture and Technology, Japan</i></li> <li>- <i>Mr. Carsten Wachholz, Senior Policy Manager, Ellen MacArthur Foundation, United Kingdom</i></li> <li>- <i>Ms. Anna Oposa, Partnerships and Engagement Specialist, ADB Healthy Oceans Program, Asian Development Bank (ADB), the Philippines</i></li> </ul> <p><b>Discussion Points:</b></p>	

1. *How can cities and countries enhance their contribution towards achieving SDG 14 (life below water) through 3R and circular economy approach in plastics waste?*
2. *What should be the defining features of – (a) inter-agency cooperation (among line Ministries and between national and city government); (b) institutional mechanism; and (c) public-private-partnerships (PPP) in implementing 3R and CE policies and program towards prevention of land-based pollution, including waste plastics into the ocean?*
3. *What are the examples of sound policy, intuitional, financing and technology options in 3R areas to address plastics waste issues in coastal and marine environment? What are the exemplary or model cases that have worked very well in preventing plastics wastes getting into coastal and marine environment?*
4. *To what extent countries and cities monitor plastic wastes in coastal and marine environment? What is the level awareness at public and municipality level? What is the level of cooperation between city and national government authorities in addressing this issue? What are the innovative actions taken at scientific and research level on the issue of plastic wastes?*
5. *What are the adverse impacts of plastic wastes in the livelihood security of Small Island Developing States (SIDS)? How can SIDS pursue 3R as an economic industry in protecting their tourism sector as well as the preserving the natural ecosystem? Is there any good cases of public-private-partnership and international cooperation models that have worked well for SIDS?*

<b>LAUNCH OF BOOK</b> (10 min) “State of Plastics Waste in Asia and the Pacific - Issues, Challenges and Circular Economic Opportunities”	
<b>Open Discussion</b> (20 min)	
<b>END OF WEBINAR III</b>	

## **PROGRAMME OF WEBINAR IV**

**Date: 14 December 2020**

**Bangkok Time: 12:30 PM-15:00 PM**

**Japan Time: 14:30-17:00 PM**

**London Time: 5:30 AM-8:00 AM**

**New York Time: 01:30 AM-04:00 AM**

**India Time (IST): 11:00 AM-13:30 PM**

### **Role of triangular cooperation (government-scientific & research organization-private sector) in advancing 3R and circular economy in Asia-Pacific (session on IPLA – a SDG partnership)**

The objective of this webinar on triangular cooperation (government-scientific & research organization-private sector) is to advance 3R and circular economy in Asia and the Pacific region by promoting science-based policy making, public-private-partnerships (PPPs) and dedicated private investments in waste management sector. The session is organized in line with the objectives of International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) - a SDG Partnership under the 2030 Agenda for Sustainable Development. <http://www.uncrd.or.jp/index.php?menu=378>

IPLA is a dynamic interface between government authorities and private sector and complements the objectives of the Regional 3R & Circular Economy Forum in Asia and the Pacific. The principles of IPLA are based on the following understanding –

- ✓ Partnerships offer alternatives in which governments and private companies assume co-responsibility and co-ownership for the delivery of waste management services. Waste disposal is expensive – financially and in lost resources (substantial inputs of labour, material, energy, land resources for land filling, etc.). Disposal of recyclables goes against the core principles of 3R as well as material and resource efficiency.
- ✓ Partnerships combine the advantages of the private sector (dynamism, access to financial resources and latest technologies, managerial efficiency, and entrepreneurial spirit, etc.) with social concerns and responsibility of the public sector (public health and better life, environmental awareness, local knowledge and job creation, etc).
- ✓ Partnerships (PPP) are indispensable for creating and financing adaptation measures towards resilient cities which in turn are more attractive for private investments. A resilient city and community enhance confidence of private sector for possible investments.
- ✓ Partnerships provide win-win solutions both for the public utilities and private sector—if duly supported by appropriate policy frameworks. Such partnerships could lead to savings in municipal budgets where waste management usually



consumes a large portion. The private sector, on the other hand, may use this opportunity to convert waste into environmentally friendly products and energy that could also serve as income generating opportunities.

### Keynote Address

#### Partnership as the basis for moving towards circular economy and resource re-recirculation society

- Prof. Chettiyappan Visvanathan, Department of Energy, Environment & Climate Change, Asian Institute of Technology, Thailand (12 min)

### Plenary Session

**Background Presentation 1:** Role of triangular cooperation (government-scientific & research organization-private sector) in advancing 3R and circular economy in Asia-Pacific

- by Prof. Sadhan Kumar Ghosh, International Society of Waste Management, Air and Water (ISWMAW), India (8 min)

**Presentation 2:** International partnerships on 3R and circular economy

- by Mr. Shigemoto Kajihara, President, Japan Waste Research Foundation (JWRF), Japan (8 min)

**Presentation 3:** Engagement and participation of local government and community services towards circular economy

- by Dr. Kulwant Singh, CEO, 3R Waste Foundation, India (8 min)

**Presentation 4:** Case of triangular cooperation activities towards circular economy- Case of Japan

- by Mr. Kensaku Ishibashi, Unit Leader, Circular Economy Unit, Panasonic Corporation, Japan (8 min)

**Presentation 5:** Engaging scientific and research community towards circular economy

- by Prof. Masashi Yamamoto, University of Toyama, Japan (8 min)

#### **Webinar Chair:**

H.E. Mr. Roshaan Wolusmal, Deputy Minister, Ministry of Urban Development and Land, Afghanistan

#### **Facilitator / Moderator:**

Dr. Sunil Herat Associate Professor, Griffith University, Australia

#### **Rapporteur:**

Mr. Amit Jain, Managing Director, IRG Systems South Asia Pvt. Ltd, India

**Panel Discussion (78 min)**

- *Mr. K.D. Bhardwaj, Regional Director and Head, International Services, National Productivity Council, India*
- *Mr. Arab Hoballah, Team Leader, EU SWITCH-Asia SCP Programme, Bangkok, Thailand*
- *Prof. Jinhui Li, Executive Director of Basel Convention Regional Center for Asia and the Pacific (BCRC), Tsinghua University, Beijing, PR China*
- *Prof. Karl Vrancken, Research Manager Sustainable Materials VITO NV, Belgium*
- *Dr. Venkatachalam Anbumozhi, Senior Energy Economist, Economic Research Institute for ASEAN and East Asia (ERIA), Indonesia*

**Discussion Points:**

1. *To what extent Asia-Pacific countries have enabled triangular cooperation (government-R&D-private) in addressing the growing and complex waste management issues, thereby advancing 3R and circular economy approaches at local and national level? What specific lessons do the Japanese cases of triangular cooperation, which was built upon the measures pursuing 3R and sound material cycles society, offer us toward CE?*
2. *How can triangular cooperation help countries in accelerating circular economic development approach? What would it imply in the context of various international agendas and agreements such as the SDGs, the New Urban Agenda, the Paris Climate Agreement, the Addis Ababa Action Agenda, and the Sendai Framework for Disaster Reduction?*

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| <p>3. While the international community have embarked on Fourth Industrial Revolution (Industry 4.0), the New Plastics Economy Global Commitment (2018), Japanese Society 5.0 (Circulating and Ecological Economy), still there are major gaps in in Asia-Pacific region in terms of policy, institutions, technological interventions, investment and financing and availability of credible data/information in achieving the true potential on circular economic utilization various waste streams. How can triangular cooperation help bridge these gaps?</p> <p>4. What is our scientific insight to the role of 3R and circular economy in protecting the urban ecosystem and enhancing resiliency of cities against the climatic impacts, increasing frequency and magnitude of natural disasters and health emergencies like COVID-19 pandemic? To this regard, how can we enhance the role of scientific and research community in bridging the triangular cooperation?</p> <p>5. Business and cities are closely tied to each other for their own success, survival and sustainability. Pursuing circular economy(or 3R and circular economy) as an economic industry can provide multiple benefits for cities and their citizens – (a) entrepreneurship development, new business opportunities and green jobs; (b) quality environment and life through improved and scientific management of various waste streams, and (c) inclusiveness. What are the critical enabling factors to promote circular economy (or 3R and circular economy) as an economic industry? To this regard, what coordinated actions are necessary among the scientific (R &amp; D), government and private/business sector?</p> |  |
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<b>Open Discussion (20 min)</b>	
<b>END OF WEBINAR IV</b>	

## **PROGRAMME OF WEBINAR V**

**Date: 17 December 2020**

**Bangkok Time: 12:30 PM-15:00 PM**

**Japan Time: 14:30-17:00 PM**

**London Time: 5:30 AM-8:00 AM**

**New York Time: 01:30 AM-04:00 AM**

**India Time (IST): 11:00 AM-13:30 PM**

### **Scope and coverage of 2nd State of 3R and Circular Economy in Asia and the Pacific**

Since the launch of the 3R Initiative in 2005, a lot of experience and information was shared among countries. The Regional 3R & Circular Economy Forum in Asia and the Pacific has accumulated lots of information through the form of background papers and country reports. There was a consensus among countries to develop a synthesis and status report of implementation of 3R in Asia and the Pacific on a periodic basis. In February 2014 at the 5th Regional 3R Forum in Asia and the Pacific in Surabaya, a group of experts gathered and discussed about the possibility of preparing a 3R white paper. Experts subsequently joining at the second drafting committee meeting on 25th Feb 2014 in Tokyo agreed to propose the title of synthesis and status report to be “State of the 3Rs in Asia and the Pacific”.

The overall objective of State of the 3Rs in Asia and the Pacific is to assist the member countries of the Regional 3R & Circular Economy Forum in Asia and the Pacific for improved decision making towards effective implementation of 3Rs and circular economy approaches at local and national level, including promotion of 3Rs as an economic industry, by improving data, information, and indicators availability in all waste sectors (municipal, industrial, hazardous, WEEE, agricultural and biological, etc.). With an objective to achieve a low carbon and resource efficient society, it also aims to contribute towards the the 2030 Agenda for Sustainable Development and the Sustainable Development Goals (SDGs).

The specific objectives are:

- i. To develop synthesis and assessment report on current status of 3R policy implementation in the region based on country reports submitted to the Regional 3R & Circular Economy Forum in Asia and Pacific;
- ii. To compile data-relevant to monitor progress of 3R policy implementation in the region in relation to the Hanoi 3R Declaration (2013-2023);
- iii. To contribute to the Regional 3R & Circular Economy Forum in Asia and the Pacific by providing science-based advice on existing and future challenges and opportunities, including those on business, socioeconomic and sociocultural aspects of the 3R in advancing circular economy in the region.

The First State of 3R in Asia and the Pacific was officially launched at the 8th Regional 3R Forum in Asia-Pacific in Indore, India, in 2018. The Second State of 3R and Circular Economy report is expected to be officially launched in 2022-23 (note: the Hanoi 3R Declaration (2013-2023) will come to an end in 2023).

<p><b>Introduction (30 min)</b></p> <ul style="list-style-type: none"> <li>▪ Background and Scope of 2<sup>nd</sup> State of 3R and Circular Economy</li> <li>▪ Table of Content of 2<sup>nd</sup> State of 3R and Circular Economy</li> <li>- <i>by Prof. Shinichi Sakai, Department of Environmental Engineering, Kyoto University, Japan</i></li> <li>- <i>Mr. Choudhury Rudra Charan Mohanty, Environment Programme Coordinator, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA, Japan</i></li> </ul> <p><b>Panel Discussion (60 min)</b></p> <ul style="list-style-type: none"> <li>- <i>Dr. Sunil Herat Associate Professor, Griffith University, Australia</i></li> <li>- <i>Prof. Agamuthu Pariatamby, Prof. Jeffrey Sachs Center on Sustainable Development, Sunway University, Malaysia</i></li> <li>- <i>Dr. Kulwant Singh, CEO, 3R Waste Foundation, India</i></li> <li>- <i>Dr. Yasuhiko Hotta, Programme Director, Sustainable Consumption and Production, IGES, Japan</i></li> <li>- <i>Mr. Amit Jain, Managing Director, IRG Systems South Asia Pvt. Ltd, India</i></li> <li>- <i>Mr. Takayuki Shigematsu, Deputy Director, Office for Promotion of Sound Material-Cycle Society, Environmental Regeneration and Material Cycles Bureau, Ministry of the Environment, Japan</i></li> </ul> <p><b>Discussion Points:</b></p> <ol style="list-style-type: none"> <li>1. <i>Is the overall outline of 2nd State of 3R and Circular Economy in Asia-Pacific relevant in the context of evaluating the implementation of Hanoi 3R Declaration (2013-2023)?</i></li> </ol>	<p><b><u>Webinar Co-Chairs:</u></b> <i>Mr. Arun Kumar Jha, IES Director General, National Productivity Council, India</i>  <i>And Mr. K D Bhardwaj Regional Director (Environment and Energy) &amp; Head, International Services National Productivity Council, New Delhi Under Ministry of Commerce and Industry Government of India</i></p> <p><b><u>Facilitator / Moderator:</u></b> <i>Mr. Choudhury Rudra Charan Mohanty, Environment Programme Coordinator, United Nations Centre for Regional</i></p>
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<p>2. <i>Is there any important aspect which is currently missing from the outline or you would like to bring up?</i></p> <p>3. <i>Should the report establish clear linkages with the SDGs by making use of relevant SDG Tier 1, Tier 2 and Tier 3 indicators while addressing circular economy for various waste streams such as -plastics, e-waste, chemical and hazardous waste, construction and demolition waste (including disaster waste), agriculture biomass waste, food waste ?</i></p> <p>4. <i>Should the report include a “Way Forward” section to look beyond 2023 on the need for a successor of the Hanoi 3R Declaration, i.e., a new 3R and Circular Economy Declaration (2024-2030) with goals aligned with the SDGs?</i></p> <p>5. <i>How could we establish collaborative arrangements with other relevant institutions and organizations for their inputs to the 2nd State of 3R and Circular Economy in Asia-Pacific?</i></p>	<p><i>Development (UNCRD)- DSDG/UN DESA, Japan</i></p> <p><b><u>Rapporteur:</u></b>  <i>Dr. Anupam Khajuria, Researcher, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA, Japan and Dr. Kikuko Sakai, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA, Japan</i></p>
<p><b>Open discussion (60 min)</b></p>	
<p align="center"><b>END OF WEBINAR V</b></p>	

## PROGRAMME OF WEBINAR VI

**Date: 22 December 2020**  
**Bangkok Time: 12:30 PM-14:30 PM**  
**Japan Time: 14:30-16:30 PM**  
**London Time: 5:30 AM-7:30 AM**  
**New York Time: 01:30 AM-03:30 AM**  
**India Time (IST): 11:00 AM-13:00 PM**

### **Discussion and finalization of consolidated Forum's Summary of 10th Regional 3R and Circular Economy Forum**

Reporting on the outcome of Side event on “The Tenth Asia and the Pacific 3R Citizens Forum: Empowerment and Initiatives of Civil Society Organizations and NGOs- Advancing Circular Economy to Achieve SDGs”

- *By Ms. Yuko Sakita, Former Chief Director, NPO GENKI Net for Creating a Sustainable Society (10 min)*

### **Adoption of the Forum's Summary (90 min)**

**Webinar Chair:** *Mr. Yutaka Matsuzawa, Deputy Director General, Environmental Regeneration and Material Cycles Bureau, Ministry of the Environment, Japan (MOEJ)*

**Facilitator / Moderator:** *Mr. Choudhury Rudra Charan Mohanty, Environment Programme Coordinator, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA, Japan*

**Rapporteur:** *Dr. Kulwant Singh, CEO, 3R Waste Foundation, India and Dr. Anupam Khajuria, Researcher, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA, Japan*

### **Special Announcement (10 min)**

Next host of 11<sup>th</sup> Regional 3R and Circular Economy Forum in Asia and the Pacific in year 2021



### **Closing Ceremony**

- Closing remarks by *Mr. Yutaka Matsuzawa, Deputy Director General, Environmental Regeneration and Material Cycles Bureau, Ministry of the Environment, Japan (MOEJ) (5 min)*
- Closing remarks by *Mr. Kazushige Endo, Director, United Nations Centre for Regional Development (UNCRD)-DSDG/ UN DESA, Japan (5 min)*

**End of Webinar VI**  
**End of Series of Webinars**