

Scope & Coverage of the 2nd State of 3R and Circular Economy in Asia and the Pacific



10th Regional 3R and Circular Economy Forum in Asia and the Pacific (Series of Webinars)
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*New Urban
Agenda
2016*



*Paris
Agreement
2015*



*2030 Agenda for
Sustainable
Development*

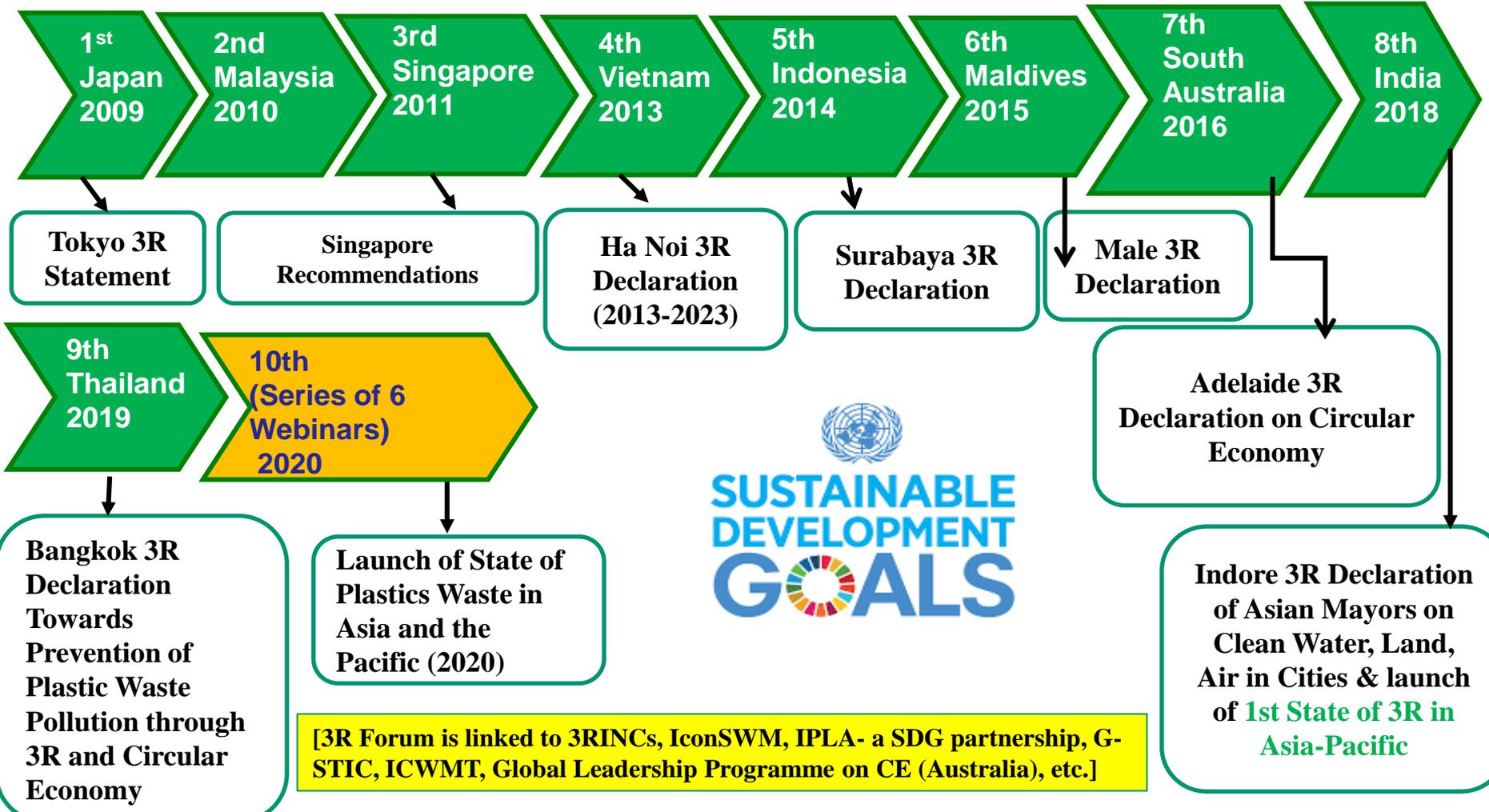
*Nairobi
Mandate
2016*



*Addis Ababa
Action
Agenda 2015*



Regional 3R & Circular Economy Forum in Asia and the Pacific



The Overall Objective of State of the 3Rs in Asia and the Pacific



- To assist the member countries in Asia and the Pacific for improved decision making towards effective implementation of **3Rs** and **circular economy** approaches at local and national level by improving **data, information, and indicators availability** in all waste sectors
- To contribute towards the **2030 Agenda for Sustainable Development** and the **Sustainable Development Goals (SDGs)**

The specific objectives of the State of the 3Rs



- 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 strengthen data/information/knowledge base in support of **monitoring of 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.

Scope of Work of State of the 3R& CE



State of Plastics in Asia-Pacific 2020 ~ Issues, Challenges and Circular Economic Opportunities

The Second State of the 3Rs & CE in Asia and the Pacific – Advancing Circular Economy in Asia and the Pacific towards achieving the Sustainable Development Goals (SDGs) –

The First State of the 3Rs in Asia and the Pacific - Experts' Assessment of Progress in Ha Noi 3R Goals -

4th Regional 3R Forum in Ha Noi in 2013

Launched at 8th Regional 3R Forum in Indore in 2018

Official lunch at 10th Regional 3R & CE Forum in 2020 (3rd Webinar / 8 Dec 2020)

Official lunch at Regional 3R and Circular Economy Forum in 2023

Adoption of Ha Noi 3R Declaration
33 Regional 3R Goals (2013-2023)

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The Second State of the 3Rs & CE in Asia and the Pacific

– Advancing Circular Economy in Asia and the Pacific
towards achieving the Sustainable Development Goals (SDGs) –

1. Background and Scope of Work
2. Urgent Needs and Multiple Benefits of Improving 3R Approach in Asia and the Pacific
3. Trends of 3R and Circular Economy in Asia and the Pacific
4. Experts' Assessment of Policy Readiness for Related Ha Noi 3R Goals and Progress at Regional Level
5. Main Recommendations

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2. Urgent Needs and Multiple Benefits of Improving 3R Approach in Asia and the Pacific

2.1. 3R and Resource Efficiency as the Heart of Circular Economy

2.2. Key Factors for Promoting Circular Economy in Asia and the Pacific

2.2.1. Circular Economy towards Sufficiency Economy

2.2.2. Sound Material Flow and Accounting towards Circular Economy

2.2.3. Technology as a Driver for Clean Energy and Green Industry towards Circular Economy

2.2.4. The Importance of Public-Private-Partnership (PPP) for Advancing Circular Economy

2.2.5. 3Rs and Circular Economy under COVID-19 Pandemic

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3. Trends of 3R and Circular Economy in Asia and the Pacific

3.1. Trends in 3Rs and Waste Management Policies and Responses (2013-2023)

- 3.1.1. Reduction in the Quantity of Municipal Solid Waste Generated (Goal 1)
- 3.1.2. Increasing Recycling Rate of Recyclables (e.g., plastic, paper, metal, etc.) (Goal3)
- 3.1.3. Inventory of Hazardous Waste (Goal 9)
- 3.1.4. Agricultural Biomass Waste Management (Goal 11)
- 3.1.5. Eliminating Marine Plastics (Goal 12)
- 3.1.6. E-Waste Management (Goal 13)
- 3.1.7. Implementation of Extended Producer Responsibility (EPR) (Goal 15)
- 3.1.8. Improving Resource Efficiency and Resource Productivity (Goal 17)
- 3.1.9. Co-benefits for Local Air, Water, Oceans, and Soil Pollution and Global Climate Change (Goal 18)

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3. Trends of 3R and Circular Economy in Asia and the Pacific

3.1. Trends in 3Rs and Waste Management Policies and Responses

3.2. Growing Volume and Diversification of Waste Streams with Presence of New Emerging Waste Streams

3.2.1. Plastic Waste

3.2.2. E-waste

3.2.3. Chemical and Hazardous Waste

3.2.4. Construction and Demolition Waste (including Disaster Waste)

3.2.5. Agricultural Biomass Waste

3.2.6. Food Waste

3.2.7. Data Issues on New Emerging Waste Streams

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3. Trends of 3R and Circular Economy in Asia and the Pacific

- 3.1. Successive Efforts to Reach Individual Ha Noi 3R Goals (2013-2023)
- 3.2. Growing Volume and Diversification of Waste Streams with Presence of New Emerging Waste Streams
- 3.3. Conventional and Frontier Technologies in Advancing 3Rs and Circular Economy in Asia-Pacific
 - 3.3.1. Waste-to-Energy
 - 3.3.2. Biobased plastics and Biodegradable Plastics
 - 3.3.3. Used Tire for Roads Construction
 - 3.3.4. Plastics as Alternative Timber (Australia)
 - 3.3.5. Others
- 3.4. Progress towards Implementation of the Ha Noi 3R Declaration (2013-2023)
 - 3.4.1. 3R Policy Implementation in Asia and the Pacific
 - 3.4.2. Nationally Implemented 3R-Related Programmes, Projects, and Master Plans

(General Note: each section will be linked to relevant SDGs.)

Questions for Discussions



1. Is the overall outline of 2nd State of 3R & CE in Asia-Pacific relevant in the context of evaluating the implementation of Hanoi 3R Declaration (2013-2023)?
2. Is there any important aspect which is currently missing from the outline or you would like to bring up?
3. 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 ?
4. 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?
5. How could we establish collaborative arrangements with other relevant institutions for their inputs to the 2nd State of 3R & CE in Asia-Pacific?