



2nd State of 3R and Circular Economy in Asia-Pacific (Series of Experts Workshop)



Experts Workshop VI: 31 August 2021 (Japan Time:14:30-16:00 PM)

Theme: Construction and Demolition Waste (including Disaster Waste)

Housekeeping

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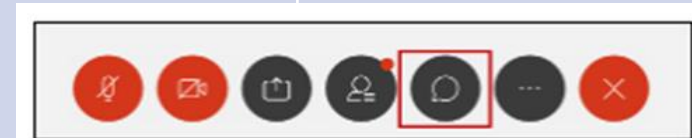
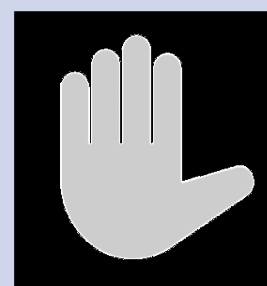
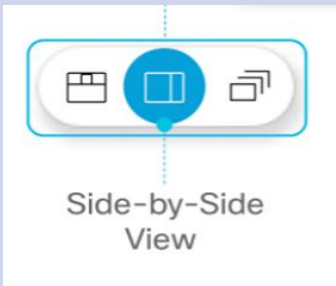
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Discussion Points

- Any major issues including new emerging issues that needs to be highlighted in this section.
- Any potential source of data, information, reports which could be useful for developing this chapter.
- Any specific box, graph and chart that could be included in this chapter. (For example, any new policy initiative that is very effectively working in a country should be add in box)

3.2.4. Construction and Demolition Waste (including Disaster Waste)

3.2.4.1. Regional overview of construction and demolition waste issues including disaster waste in the region

- i. Different Definition of C & D waste (vary from country to country)
- ii. Quantification and Generation of construction and demolition waste (2010-2030).
- iii. Urban development and construction in Asia and the Pacific
- iv. Regional demographic outlook and its possible impact on construction and demolition waste in the region
- v. Change in land-use pattern and impact on climate change
- vi. Status of filling of lands in coastal periphery attached to the ocean by C&D/Disaster Wastes

3.2.4.2. Overall assessment on national policies, regulations and standards on construction and demolition waste (including Disaster waste) in the region

- i. National policies, regulations and standards concerning construction and demolition waste including policy and institutional gaps. Policy on land development plan. Policy and regulation on use of subsidy on recycled material of C&D waste
- ii. 3R management of disaster waste – policy, institutional and data issues.
- iii. Overall data issues on construction and demolition waste.

v. Policy on utilization of recycled products from C&D Wastes & green building materials

3.2.4.3. Management and Circular Economic Opportunities of construction and demolition waste (including disaster waste)

(This 3.2.4.3. should be developed in consideration of following indicators, while developing this section, graphs and charts on relevant indicators should be included).

SDG 12- Indicator 12.2.2: Domestic material consumption, domestic material consumption per capita, and domestic material consumption per GDP

SDG 12- Indicator 12.5.1: National recycling rate, tons of material recycled

Target 11.6

Ha Noi 3R Goal No. 22 – Monitoring Indicators: (a) Existence of a national 3R task force. (b) Number of sectoral policies and programmes that have integrated 3R concepts. (c) Number of cities introducing state-of-the-art 3R technologies in various sectors.

- i. 3R economic opportunities in construction and demolition waste.
- ii. Local plans, practices and stakeholders' engagement on construction and demolition waste. (include Ministry's plan)
- iii. Facilities and technologies for the resource efficiency in construction and demolition waste.
- iv. Business models for recycled products made of C&D Wastes
- v. Case Studies (New Delhi, Ahmedabad, PR China and many more)

Management- Waste generated due to disaster

Alternative material to reduce pressure on raw material

Include renovation waste

Japanese experience on Tsunami debris

Land use infrastructure- Japanese experience

3.2.4.4. Conclusion and Way Forward

Suggest some model- integrated 3R approach, CE and supply-chain management system