



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



Experts Workshop I: 15 June 2021 (Japan Time:14:30-17:00 PM)

Theme: Agricultural Biomass Waste

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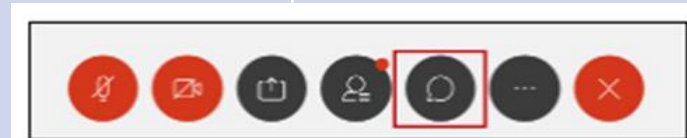
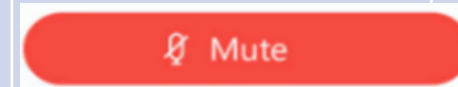
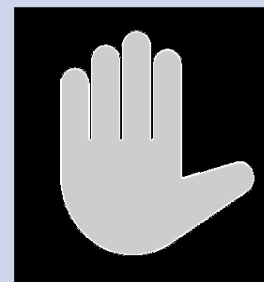
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3.2.5. Agricultural Biomass Waste

Table of Content of Chapter

3.2.5.1. 3R and CE Potentials in Agricultural Biomass Waste

- i. Definition of agricultural biomass waste
- ii. Available source of agricultural biomass in Asia and the Pacific

3.2.5.2. National Policies, Legislations for Utilization of Agricultural Biomass Waste

- i. Energy related policies and legislations- Renewable energy/ bioenergy
- ii. Waste related policies and legislations for agricultural biomass waste

3.2.5.3. Management of Agricultural Biomass Waste

- i. Amount of agricultural biomass waste recycled (HNG11-1).
- ii. Number of new projects initiated that use agricultural biomass waste as material inputs (HNG11-2).

iii. Best cases and practices on CE utilization of Agricultural Biomass Waste

3.2.5.4. Common Technologies Deployed for Agricultural Biomass Waste Management

- i. Composting
- ii. Anaerobic Digestion
- iii. Gasification
- iv. Incineration

3.2.5.5. Innovative Technologies for Agricultural Biomass Waste Management

- i. Fermentation
- ii. Hydrothermal liquefaction
- iii. Some other technologies

3.2.5.6. Life-cycle assessment and performance of technologies of agricultural biomass waste

3.2.5.7. Conclusion and The Way Forward