



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



Experts Workshop III: 20 July 2021 (Japan Time:14:30-16:00 PM)

Theme: Wastewater Treatment *Housekeeping*

Please select
“Side-by-Side”
view
For best viewing
experience

Please turn on
your camera
when you speak

This meeting will
be recorded only
for reporting
purposes and
will not be
shared to
external parties.

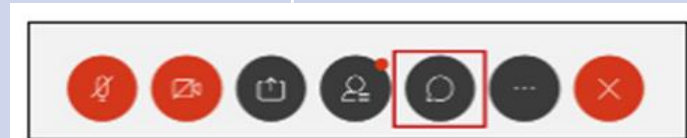
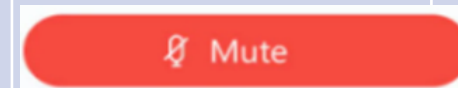
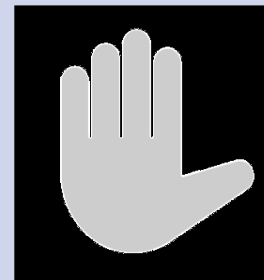
Request
permission
to ask questions
and
give comments

Please mute
your
microphone until
it’s
your turn to
speak

Use the chat box
for any
comments or
questions



Side-by-Side
View



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)

3.2.8. Wastewater Treatment

Table of Content of Chapter

3.2.8.1. Regional overview on wastewater treatment

- i. Water consumption in the region (Table format- data of Agricultural and Industrial wastewater)
- ii. Sewerage and drainage systems in the region

3.2.8.2. Overall assessment on national regulations on wastewater treatment and sanitation

- i. National-level wastewater regulations
- ii. Domestic and industrial wastewater flows
- iii. Sanitation guidelines on wastewater treatment

3.2.8.3. Wastewater treatment and recycling management (Modify title-CE)

(This 3.2.8.3. should be developed in consideration of following indicators under SDG6. Related SDGs Indicators)

- i. Proportion of domestic and industrial wastewater flows safely treated

(Target 6.3: By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally. SDG6: Ensure availability and sustainable management of water and sanitation for all)

- ii. Water- and sanitation-related official programmes
- iii. Development assistance for proper wastewater treatment
- iv. Co-benefit of water saving and sanitation improvement by wastewater treatment (types of sanitation)

v. CE of wastewater for agricultural sector

vi. Driving force for wastewater reuse

vii. Water pricing

viii. Case studies in Boxes--- Nature-based solution- 1. wetlands 2. vegetation & cultivation process 3. Rainwater harvesting

viii. New business models- such as Revenue generated models and Involvement of Public-private-partnership (PPP)

ix. Role of NGOs (Capacity building)

x. Centralized a decentralized wastewater treatment

3.2.8.4. Conclusion and Way Forward