Key findings from MLP exercises

Mutual Learning Program for Enhanced Transparency (MLP) on Reporting mitigation actions under Article 13

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In cooperation with Ministry of Environment and Forestry on Indonesia, Pollution Control Department of Thailand, Ministry of Environment of Japan, Mitsubishi UFJ Research and Consulting



Outline

- Mutual Learning Program (MLP) exercise
- MLP participants in FY 2021
- General schedule of the MLP
- Key findings from the MLP exercise
- Group discussion guidance

Overview of MLP exercise

Drafting a table and report on mitigation actions (MAs) in the waste sector based on the proposed common tabular format (CTF) at SBSTA* 2021

Benefit: Practical exercise to prepare the reporting MAs in future BTRs **Scope of MAs**: Covering all MAs in the waste sector (up to the participants)

Focused MPGs provisions**:

Focusing on Para 82 (a-i), Para 83 (a-c), Para 85, Para 86

Output: An informal draft report and table (excel based on the SBSTA draft

CTF) for learning purposes

^{*} SBSTA 2021, https://unfccc.int/sites/default/files/resource/IN.SBSTA2021.i14b.1.pdf

^{**} UNFCCC (2018) Decision 18/CMA.1. Modalities, procedures and guidelines for the transparency framework for action and support referred to in Article 13 of the Paris Agreement, https://unfccc.int/sites/default/files/resource/l23 0.pdf

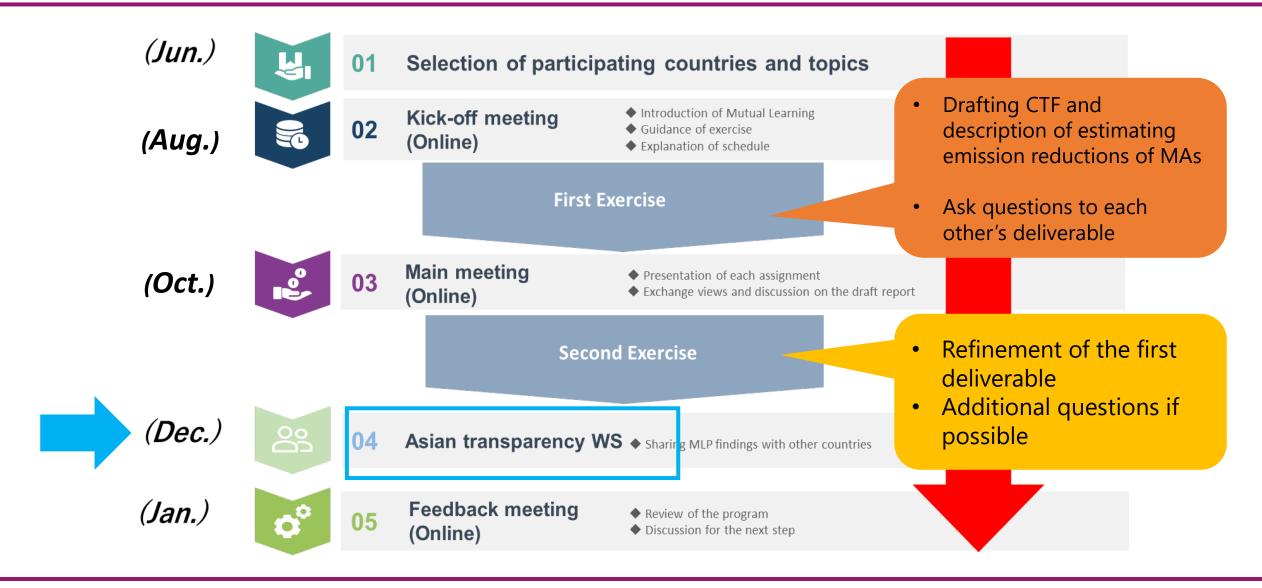
Focused MPGs* provisions in MLP exercise

- Para 82 (a-i): Information on MAs in the tabular format
 - ✓ (a)Name; (b) Description; (c) Objectives; (d) Type of instrument; (e) Status; (f)
 Sector(s); (g) Gases affected; (h) Start year of implementation; (i) Implementing entity or entities.
- Para 83 (a-c): Additional information on MAs
 - √ (a) Costs; (b) Non-GHG mitigation benefits; (c) How the mitigation actions interact with each other, as appropriate
- Para 85: Expected and achieved GHG emission reductions for MAs in the tabular format
- Para 86: Description of methodologies and assumptions used to estimate the GHG emission reductions due to each MA

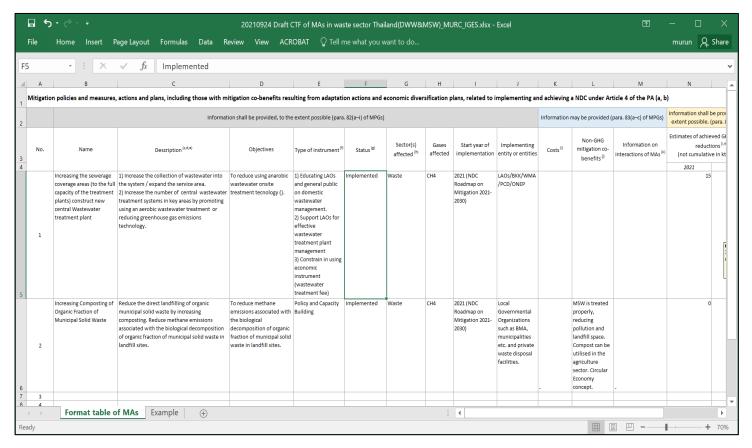
MLP Participants in FY 2021

Country/organization	Roles
Indonesia (Ministry of Environment and Forestry)	Participants
Thailand (Pollution Control Department)	Participants
Japan (Ministry of Environment)	Participants
Mitsubishi UFJ Research and Consulting (MURC)	Participants/ Secretariat
Institute for Global Environmental Strategies (IGES)	Participants/ Secretariat

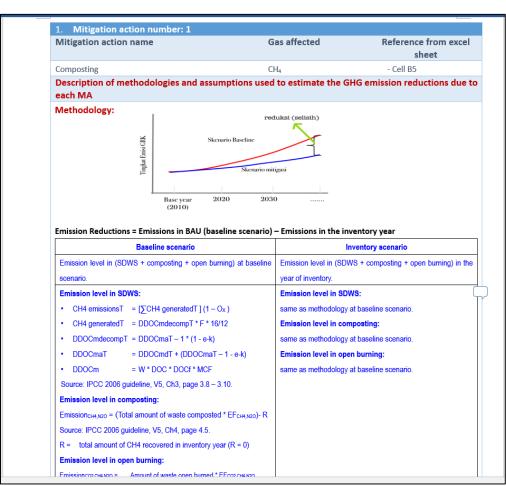
Overall schedule of MLP



The draft of the 1st exercise



Draft table (CTF) on mitigation action reporting (Thailand)



Draft report on description of methodologies and assumptions (Indonesia)

Key discussion points

- 1. Emission reductions from mitigation actions (MAs)
- 2. Tracking and monitoring MAs implementation
- 3. Data collection system for tracking MAs progress

Emission reductions of MAs

- To estimate emission reductions from mitigation actions (MAs), that the methodologies in the GHG inventory based on the IPCC guideline can be used
- Setting assumptions and scenarios in methodologies is the key to estimate emission reductions (e.g. type of waste and treatment)
- Emission reductions from MAs should be reflected/linked to the national inventory by sharing data on MAs to the inventory
- If it is not reflected, the effect of implementing MAs is not shown on the inventory

Tracking MAs implementation

- Established a national legal framework (e.g. domestic climate policy, NDC roadmap)
- Developed indicators* for each MA to track its progress under a national climate policy
- Developed 5-year targets for each MA under the NDC roadmap
- Need to establish annual evaluation system of MAs progress by using these indicators*
- Based on feedback from the annual evaluation, low performing MAs can be revised in the following years

*Indicator refers one of key parameters that affects MAs emission reduction

Data collection for tracking MAs

- Manual data collection (e.g. excel sheet) is common for tracking MAs progress, but moving toward a digital system
- Combination of manual and digital data collection systems, depending on the sector
- Developed a digital platform to collect data on MAs from both governmental and non-governmental stakeholders (e.g. starting from one sector)
- Household surveys are being conducted for estimating emission reductions of MAs

Future implementation of MLP

- More practical exercise and tangible output based on adopted guidance (Article 13 CTFs) is significant
- Need and demand of MLP participating countries is important to design exercises and program discussion
- To pair countries based on their interests and the level of understanding of the subject is important

The group discussion

Timetable (JST): 16:15 - 17:00 Group discussion (45min)

17:00 - 17:30 Report back, Discussion and Summary (30min)

	Group 1	Group 2	Group 3	Group 4
Facilitators	Noriko Tamiya-Hase (MOEJ)	Chisa Umemiya (IGES)	Temuulen Murun (IGES)	Fatima-Zahra Taibi (UNEP-DTU)
Rapporteur	Takashi Morimoto (MURC)	Yuqing Yu (UNFCCC-RCC)	Rully Dhora Carolyn (Indonesia)	Per Wretlind (UNEP-DTU)

Discussion topic 1

1. What are the priorities to track and monitor mitigation actions (MAs) implementation/progress in your country?

Examples:

- A. To develop legal documents to track and monitor MAs implementation (e.g. domestic legal framework, NDC roadmap)
- B. To establish institutional arrangement to mandate relevant ministries (e.g. structuring roles and responsibilities)
- C. To develop necessary infrastructure to collect data and information on MAs progress (e.g. data collection system for monitoring MAs progress)
- D. To develop methodologies for estimating emission reductions on MAs (e.g. utilizing the IPCC guideline)
- E. Other if any

Discussion topic 2

2. How will your country reflect emission reductions from MAs to your country's national GHG inventory?

Examples:

- A. Emission reductions from MAs have not been tracked yet
- B. Emission reductions from MAs are being tracked, but the data are not reflected to the GHG inventory
- C. Emission reductions from some MAs are being tracked only for limited sectors (e.g. energy sector) and the coverage will expand. The sectoral data are (will be) reflected to the GHG inventory
- D. Emission reductions from all MAs are being tracked and the data are (will be) reflected to the GHG inventory
- E. Other if any

The group discussion

❖ The group discussion will be in a separate zoom room, please wait for a few minutes

You will be automatically moved to the break-out groups

❖ In case you are lost, please come back to the plenary room. Host will allocate you to your break-out group.

Thank you for your attention.

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Mutual Learning Program for Enhanced Transparency https://www.iges.or.jp/en/projects/transparency

Annex: Example

Mitigation action (MA): Implementing bio-plastic programme to reduce CO2 from plastic incineration

Base year: 2015

Emission reduction target by 2030: XXX t-CO2

Indicator to track MA progress: Domestic consumption of bio-plastics

Estimation of emission reduction: Emission under BAU - Emission under MA scenario

Emission under MA scenario: (Amount of incinerated plastic waste – domestic bio-plastics consumption)*Emission Factor

Reflecting emission reductions of MA to the inventory: The parameter of domestic consumption of bioplastics should be included in a calculation of the GHG inventory in order to reflect MAs emission reductions