

# **Introduction of Session V**

## **“Enhancement of Network for Supporting Measurement, Reporting and Verification (MRV) at various levels”**

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# What is “MRV”?

- MRV for national GHG inventories by Annex I countries:
  - **Measurement (M)** is to estimate national-level greenhouse gas (GHG) emissions and removals.
  - **Reporting (R)** is to annually report estimates on GHG emissions and removals with information on the estimation, such as estimation methods, emission factors and activity data, to the Conference of the Parties (COP) for the United Nations Framework Convention on Climate Change (UNFCCC).
  - **Verification (V)** is to verify whether the national GHG inventories are transparent, consistent, comparable, complete and accurate through international reviews arranged by the UNFCCC Secretariat.
- An issue on “MRV”
  - It is not yet clear what are “MRV”s at various levels.

# Purposes of Session V

- The purposes of Session V are
  - To explore activities on measurement, reporting and verification (MRV) at various levels,
  - To exchange information on barriers against achieving MRVs,
  - To discuss how to overcome the barriers.
  - To share information on and network for supporting activities for various MRVs,



# Contents of Session V

- Overview of “MRV”
  - Share comprehensive information on MRVs and discuss general idea of MRVs.
- “MRV” on NAMA
  - Share information on MRVs relevant to NAMAs and discuss MRVs necessary for NAMAs.
- “MRV” at Project Level
  - Share information on MRVs at project level and discuss MRVs necessary for the project level.



# Timetable for session V

## - Overview of “MRV” -

Schedule	Title	Presenter
9:00 – 9:15	Introduction	Ms. Takako Ono
9:15 – 9:30	Low Carbon Asia Research Network - Bridging Science and Low Carbon Policy -	Dr. Shuzo Nishioka
9:30 – 9:45	Our thoughts on NAMAs and MRV - including national/sub-national NAMA type study by AIM simulations -	Dr. Junichi Fujino
9:45 – 10:00	Introduction of MRV Guidebook: One Hundred Questions about MRV: from National Greenhouse Gas Inventories to the Clean Development Mechanism	Mr. Kazuhisa Koakutsu
10:00 – 10:20	Discussion	All
10:20 – 10:40	Tea Break	



# Timetable for session V

## - “MRV” on NAMA-

Schedule	Title	Presenter
10:40 – 10:55	Experiences of Designing NAMAs in a MRV manner in Asia – Bottom up approach taken in MOEJ/OECC Capacity-building Programme –	Mr. Makoto Kato
10:55 – 11:10	Role of GHG Inventories in Small and Medium Industries for enhancing NAMAs in the Context of Sustainable Development	Dr. Akio Takemoto
11:10 – 11:30	Discussion	All



# Timetable for session V

## - “MRV” at Project Level -

Schedule	Title	Presenter
11:30 – 11:45	The importance of GHG inventories for ensuring emission reduction through technology deployment	Mr. Toshihiko Kasai
11:45 – 12:00	Examples of MRV at Project Level: Efforts to Draft JCM Methodologies	Dr. Osamu Bannai
12:00 – 12:30	Discussion	All



# Expected Discussion in Session V

- The items on expected discussion in session V are as follows:
  - How should we establish MRV systems at various levels?
  - What are barriers against developing the MRV systems at national and project levels?
  - How should we overcome the barriers?
  - What barriers can be overcome by yourselves?
  - What supports are necessary for overcoming the barriers, which cannot be overcome by yourselves?



Thank you and let's start session V!

