

# **Session I: NC Updating and discussion on WGIA-activity**

## **Decisions taken in COP16 and 17: The MRV landscape**

The 10th Workshop on GHG Inventories in Asia (WGIA10)

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# Background (1)

COP13  
(Bali)



COP15  
(Copenhagen)

COP16  
(Cancun)



MRV-able nationally appropriate mitigation commitments or actions, including quantified emission limitation and reduction objectives, by developed countries

NAMAs by developing countries in a MRV manner

pledges of economy-wide emission reduction targets for 2020, by developed countries

pledges of nationally appropriate mitigation actions to be implemented for 2020 by developing countries



# Background (2)

## Transparency of

- progress towards the achievement of quantified economy-wide emission reduction targets by developed countries
- mitigation actions by developing countries and their effects

have become increasingly important

 Various important decisions were taken on MRV issues in COP16 (Cancun) and COP17 (Durban)

# Decisions taken/to be taken for developed countries

	Inventories	National Communications	Biennial Reports
<b>Reporting:</b>	Every year	Every 4 years (Durban)	Every 2 years (Durban)
	<div style="border: 1px solid black; padding: 5px; display: inline-block;">Common Tabular Format (by Doha)</div>		1 <sup>st</sup> report due January 1, 2014 (Durban)
<b>Quality ensured by:</b>	Annual review	In-depth review	International Assessment and Review (Cancun)
	<div style="border: 1px solid black; padding: 5px; display: inline-block;">Creating common review guidelines (by COP19)</div>		1 <sup>st</sup> IAR expected to start 2 months after submission (Durban)



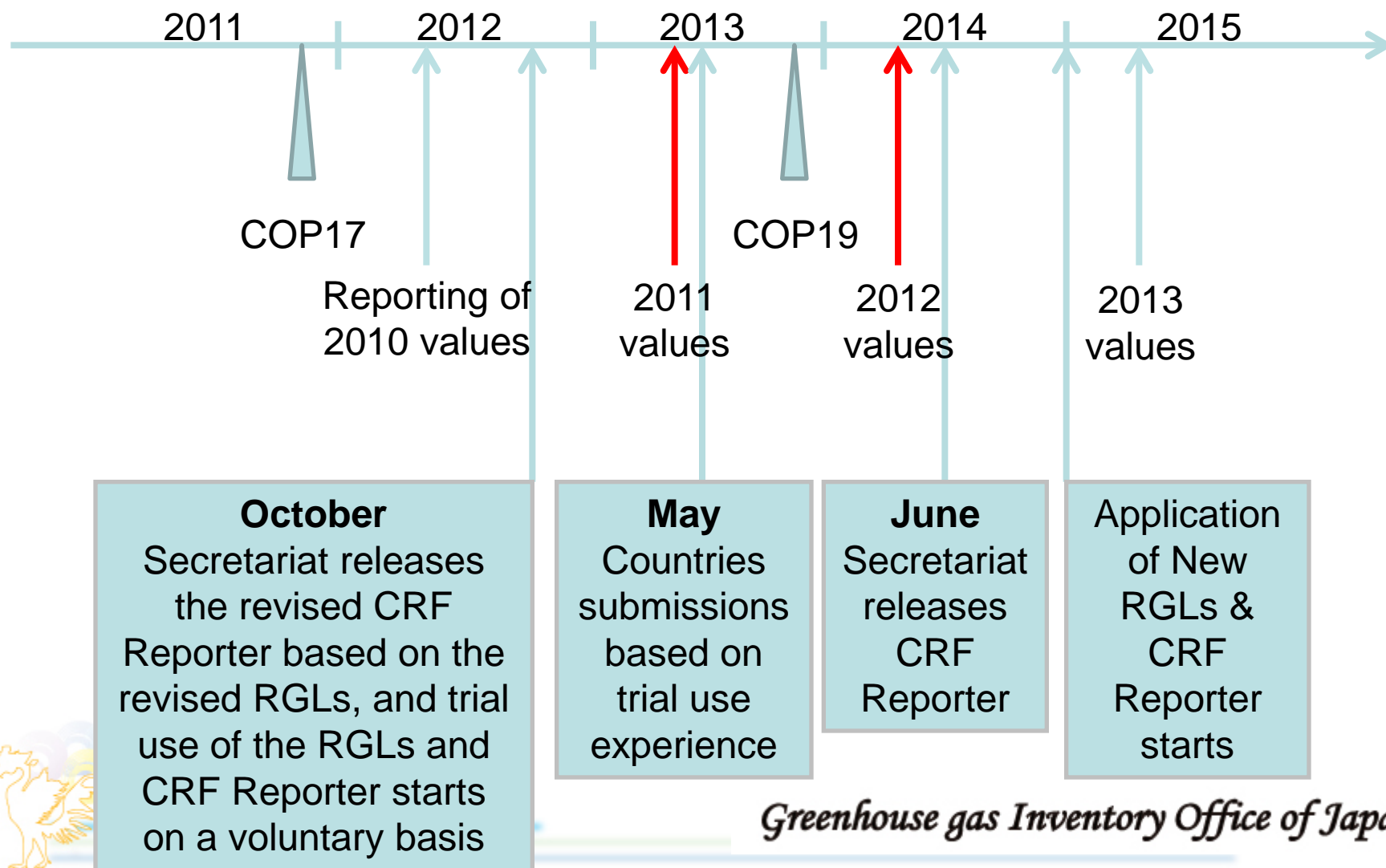
# Decisions taken/to be taken for developing countries

	National Communications (including inventory information)	Biennial Update Reports (including inventory information)
<b>Reporting:</b>	Every 4 years (Cancun)	Every 2 years (Durban)  1 <sup>st</sup> report due by December 2014 (Durban)
<b>Quality ensured by:</b>	(no specification)	International Consultation and Analysis (Cancun)
	<div style="border: 1px solid black; padding: 5px;">                     Composition, modalities and procedures of the team of technical experts (by Doha)                 </div>	1 <sup>st</sup> ICA expected to start within 6 months of submission (Durban)



# Recent developments:

## AI Inventory Reporting GLs (timeline)



# Recent developments:

## AI Inventory Reporting GLs (specifics (1))

- Determination of the use of the 2006 IPCC Guidelines for AI reporting under the Convention **from April 2015**
- New sources
  - ✓ CCS, abandoned underground mines, caprolactam/lead/semiconductor production, urea application, biological treatment of solid waste etc
- New Gases
  - ✓  $\text{NF}_3$ , and HFCs and PFCs from IPCC AR4



# Recent developments:

## AI Inventory Reporting GLs (specifics (2))

- New GWPs
  - ✓ AR4 100-year time horizon values instead of SAR values (e.g. CH<sub>4</sub> - 21 to be replaced by 25)
- Use of the notation key NE for insignificant sources that do not exceed 0.05% of the national total GHG emissions and 500 kt-CO<sub>2</sub> (the aggregation of such sources must stay below 0.1% of the national total)
- Incorporation of elements of KP national system requirements





# Recent Developments:

## BRs – Reporting (1)

- need to cover the following:
  - ✓ summary information from the national GHG inventory on emissions and emission trends
  - ✓ quantified economy-wide emission reduction target, including any conditions or assumptions that are relevant to the attainment of that target



# Recent Developments:

## BRs – Reporting (2)

- ✓ progress in achievement of quantified economy-wide emission reduction targets and relevant information
- ✓ updated projections for 2020 and 2030
- ✓ provision of financial, technological and capacity-building support to developing countries
- 1st report due **January 1st, 2014**



# Recent Developments:

## BRs - Quality ensured by (1):

- International Assessment and Review (IAR)
- Information to be reviewed in IAR:
  - ✓ all emissions and removals related to its quantified economy-wide emission reduction target
  - ✓ assumptions, conditions and methodologies related to the attainment of its quantified economy-wide emission reduction target



# Recent Developments:

## BRs - Quality ensured by (2):

- ✓ progress towards the achievement of its quantified economy-wide emission reduction target
- ✓ its provision of financial, technological and capacity-building support to developing countries
- technical review by a expert review team, resulting in a technical review report
- multilateral assessment, with records as outcome
- 1st IAR expected to start **2 months after submission**





plenary meeting room, Maritim Hotel, Bonn



# Recent Developments:

## BURs – Reporting (1)

- to provide an update to the most recently submitted NC in the following areas:
  - ✓ national circumstances and institutional arrangements
  - ✓ national inventory of anthropogenic emissions by sources and removal by sinks
  - ✓ mitigation actions and their effects, including associated methodologies and assumptions



# Recent Developments:

## BURs – Reporting (2)

- ✓ constraints and gaps, and related financial, technical and capacity needs, including a description of support needed and received
- ✓ the level of support received to enable the preparation and submission of BURs
- ✓ domestic MRV
- to be submitted as a summary of parts of the NC in the year in which the NC is submitted or as a stand-alone update



# Recent Developments:

## BURs – Reporting (3)

- shall cover, at a minimum, the inventory for the calendar year no more than 4 years prior to the date of the submission, or more recent years if information is available, and that subsequent BURs shall cover a calendar year that does not precede the submission date by more than 4 years
- first report due **by December 2014**





# Recent Developments:

## BURs – Quality ensured by (1):

- International consultation and analysis (ICA)
- Information to be considered in ICA:
  - ✓ National GHG inventory report
  - ✓ information on mitigation actions, including a description of such actions, analysis of their impacts and the associated methodologies and assumptions, the progress made in their implementation and information on



# Recent Developments:

## BURs – Quality ensured by (2):

...domestic measurement, reporting and verification, and on support received

- technical analysis by a team of technical experts, resulting in a summary report
- workshop for the facilitative exchange of views, with the records as outcome
- 1st ICA expected to start **within 6 months of submission**



# In conclusion:

- Reporting requirements have been enhanced for both developed countries and developing countries
- Inventory-making will be at the core for both National Communications and Biennial (Update) Reports
- A large workload is foreseen for the inventory community, and early planning is urgently needed



# For further reference:

- AI Inventory Reporting Guidelines (for trial use):  
Annex I, Decision 15/CP.17, FCCC/CP/2011/9/Add.2
- BR Reporting Guidelines:  
Annex I, Decision 2/CP.17, FCCC/CP/2011/9/Add.1
- IAR Guidelines  
Annex II, Decision 2/CP.17, FCCC/CP/2011/9/Add.1
- BUR Reporting Guidelines  
Annex III, Decision 2/CP.17, FCCC/CP/2011/9/Add.1
- ICA Guidelines  
Annex IV, Decision 2/CP.17, FCCC/CP/2011/9/Add.1



Thank you !  
ご清聴有難うございました。

