

**Panel 1. Approaches to measure
the progress towards achievement
of the targets by developed country
Parties**

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Scope of discussion

- To continue clarification of the understanding of assumptions and conditions related to the targets, including:
 - base year
 - global warming potential values
 - coverage of gases and sectors
 - expected emission reductions
 - role of land use, land-use change and forestry
 - role of carbon credits from market-based mechanisms

Summary of assumptions and conditions related to targets

- Base year: 1990 (2000 and 2005)
- GWPs: IPCC AR4 (IPCC SAR)
- Coverage of gases: CO₂, CH₄, N₂O, PFCs, HFCs, SF₆ (+ NF₃)
- Coverage of sectors: IPCC sectors, economy-wide
- Expected emission reductions: uncertainty related to LULUCF and use of mechanisms (carbon credits)
- LULUCF: comprehensive land-based approach, activity-based approach
- Carbon markets: new market-based mechanism, use of carbon credits from other established mechanisms

Developments related to approaches to measure the progress to targets

- Decision 15/CP.17
 - Adopts the Guidelines for the preparation of national communications by Parties included in Annex I to the Convention
 - Use from 2015
 - Voluntary use during a trial period (October 2012 to May 2013)
 - Views on experience (3 May 2013)
 - Base year : 1990 (with flexibility for EITs)
 - GWPs to calculate the CO₂ eq : IPCC AR4 (WG I)
 - Table 2.14 of the errata, Column entitled GWP for 100-year time horizon
 - Use from 2015 until further decision by the COP
 - Coverage of gases (including NF₃) and sectors
 - Methodologies to estimate anthropogenic emissions and removals
 - Use of 2006 IPCC Guidelines

Role of LULUCF

- New LULUCF elements since the targets were set
 - Decision on LULUCF for CP2 of KP (decision 2/CMP.7)
 - ***Activity-based approach***: some activities mandatory (ARD, **FM**), others elected (grazing land management, cropland management, revegetation, **wetlands drainage and reweting**)
 - New pool: Harvested Wood Product
 - Consideration of **natural disturbance**
- Some countries: ***land-based approach*** under the Convention

Role of Market-Based Mechanisms

- Most Parties indicate intent to use market-based mechanisms to achieve the target
 - not clear on assumptions about the scale of use
- Lack of clarity on rules and modalities for the new mechanism to be established under the Convention (decision 2/CP.17)
- Lack of clarify on the links with the KP mechanisms and how mechanisms will be used to achieve the targets under the Convention

Questions for Panel 1

- Which approaches could be used and further elaborated to measure the progress towards the achievement of targets in a systematic manner, building on existing processes, practices and experiences?
- How Parties see the role of LULUCF and use of carbon credits from market-based mechanisms in the context of their targets?
- What are the areas of commonalities and differences of the approaches used to measure the progress towards the targets by developed country Parties?
- What could be the next steps to elaborate the approaches used to measure the progress in a systematic manner?

Additional Questions

- Do developed country Parties consider the revised guidelines for Annex I reporting as a basis to develop an approach to measure the progress towards achievement of their targets?
- What are the expectations that the LULUCF rules agreed for CP2/KP could help to measure the progress towards achievement of targets under the Convention:
 - natural disturbances
 - harvested wood products