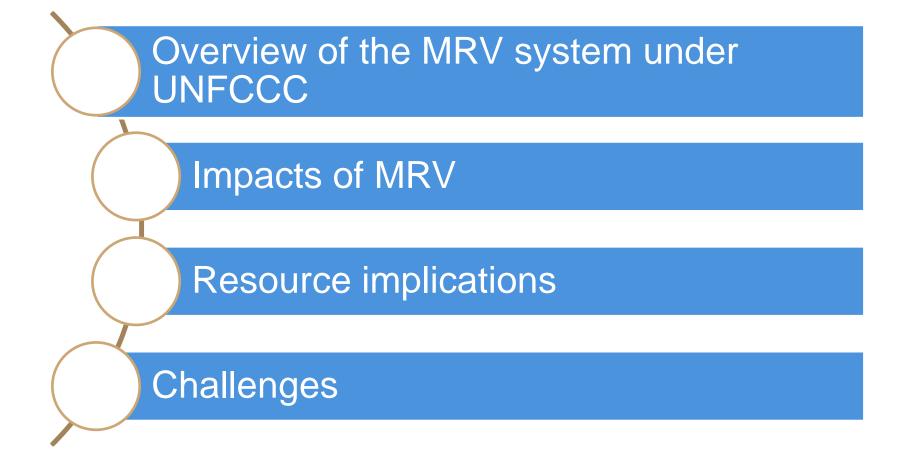
# Overview of measurement, reporting and verification (MRV) under the Climate Change Convention

Friends of the CBD Workshop

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### **Outline of Presentation**





# **Existing MRV under the UNFCCC**

A system to track the implementation of the Convention (progress in achieving emission reduction target under the Convention and KP) and to identify capacity-building needs of Parties

Measurement (M): guided by IPCC guidelines and methods

- Emissions and removals of GHGs
- Effectiveness of policies and measures

Reporting (R):
guided by
reporting
guidelines

- GHG inventories
- Other aspects of implementation (mitigation and adaptation actions, GHG projections, financial, technology transfer and capacity building support, etc.)

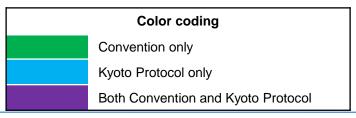
Verification (V): guided by review guidelines/ modalities and procedures

- Technical review/ analysis
- Compliance assessment for KP Parties
- Multilateral consideration process under the International Assessment and Review (IAR) and International Consultation and Analysis (ICA) processes, commenced in 2014



# **Frequency of MRV**

MRV elements	Annex I Parties	Non-Annex I Parties
Reporting	National communications (4 years) National GHG inventory (annually) Biennial reports (2 years)	National communications (contain GHG inventory) (4 years) Biennial update reports (contain GHG inventory) (2 years)
Technical review or analysis	Technical review of biennial reports (2 years) In-depth review of national communications (4 years) Annual review of national GHG inventories (annually)	Technical analysis of biennial update reports (2 years)
Multilateral process and compliance	Multilateral assessment (2 years) Compliance (standing arrangements)	Facilitative sharing of views 2 years)





# **MRV** under the Paris Agreement

- Submission of nationally determined contributions (NDCs) by all Parties and global stock take
- Reporting by/ review and multilateral consideration of each Party on a biennial basis (with the exception of LDCs and SIDS)
  - a) Progress with the implementation of NDCs
  - b) Progress with the provision/ receipt of support
  - c) Identification of capacity building needs
- Non- backsliding principle: annual reporting and review continues
- Outcome of the MRV as inputs to global stock take (aggregate progress)
- Submission of NDCs could be a separate process



# Impacts of MRV

- Enhance transparency and accountability of Parties' climate action and support & build trust and confidence among Parties
  - a) Track progress of implementation and assess compliance (for KP Parties)
  - b) Inform the 2013 -2015 review (existing)
  - c) Inform global stock take (under the Paris Agreement)
- Improve Parties' reporting overtime and build capacities
- Share best practices in climate action and support



# Resource implications of the process

#### **Secretariat**

#### Coordination of reviews

- Provision of review officers
- Operational support: IT and non-IT tools
- Training of review experts

#### **Parties**

#### Main subject of MRV

- Compilation of reports
- Hosting in-country reviews and internal coordination
- Nomination and provision of review experts

# Review experts Perform reviews

- Time and resources to perform reviews and drafting review reports
- Participation in training activities

#### SBI

#### Platform for multilateral consideration

Time allocated during the session for the multilateral consideration process



# An example of one IAR cycle

- Annual GHG inventory reviews (in 2014)
  - a) Review of 43 Annex I Parties
  - b) Review of each Party takes around a week
  - c) Involvement of around 160 review experts
- Combined NC/BR reviews (biennial 2014-2015)
  - a) Review of 44 developed country Parties
  - b) Review of each Party takes around a week
  - c) Involvement of around 150 review experts
- Multilateral assessment (MA) under IAR (biennial 2014 -2015)
  - a) 4.5 days during the SBI sessions for the MA of 43 developed countries
  - b) Parties' participation in the process including a 3-month Q&A process



# Challenges

- National system in place to fulfill the MRV requirements
- Efficiency of the process: costs vs benefits
- Well targeted capacity-building programmes (both on-going and the new CBIT) on MRV



# Thank you

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