



Potential key elements of the MPGs in relation to mitigation & emissions

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PA 13.7 *Each Party shall regularly provide :*

- *National GHG inventory report, using IPCC methodologies agreed by CMA*
- *Information to track progress made in implementing and achieving NDC under Art 4*

HOW? #92 1/CP.21:

- (a) facilitate improved reporting and transparency over time;*
- (b) provide flexibility to those developing country Parties that need it in the light of their capacities;*
- (c) promote transparency, accuracy, completeness, consistency, comparability;*
- (d) avoid duplication as well as undue burden on Parties and the secretariat;*
- (e) ensure that Parties maintain at least the frequency and quality of reporting in accordance with their respective obligations under the Convention;*
- (f) ensure that double counting is avoided;*
- (g) ensure environmental integrity;*





- *Information reported is within the scope of technical expert review:*
 - Purpose of review process (art 13.12) – consideration of (...) implementation and achievement of NDC.

- *Information reported in within the scope of facilitative, multilateral consideration of progress*
 - FMCP with respect to the respective implementation and achievement of NDC





Purpose of reporting?

- *Build trust & confidence;*
- *Facilitate understanding*
- *Facilitate developing necessary domestic processes for data collection, QA, tracking of progress*
- *Understand effectiveness of action; inform future action*
- *Inform the GST and the progress towards the PA goals*
- *Identify best practices; identify areas of replication*
- *Identify priorities, needs and gaps*

- *Reporting should be seen as opportunity to develop national arrangements, not as an international obligation*





National inventory report on anthropogenic emissions by sources and removals by sinks of greenhouse gases

Elements from the co-facilitator note

1. Objectives and principles;
2. Definitions;
3. National circumstances and institutional arrangements:
 - **a. Inventory planning, preparation and management;**
4. Methods:
 - **a) Methodologies, parameters and data;**
 - **b) Key category analysis;**
 - **c) Recalculations;**
 - **d) Uncertainty assessment;**
 - **e) Assessment of completeness;**
 - **f) Quality assurance/quality control;**
- 5. Metrics;
- 6. Reporting guidance:
 - **a) Information on methods;**
 - **b) Sectors and gases;**
 - **c) Time series;**
 - **d) Frequency;**
- 7. Constraints and capacity-building needs;
- 8. Improvement plans;
- 9. Submission process, and reporting formats and tables;



National GHG Inventory report

→ *need to ensure that the essential elements that enable a good inventory are captured in the MPGs*

- *informed by current experience of Parties*
- *Reflect improvements/ capacity needs*
- *Ensure at least current frequency & quality of current reports*
- *Avoid duplication & undue burden*

In light of capacity – some possible areas where flexibilities could apply:

- **Making full use of IPCC 2006 methodology**
- **Sectors & gases - e.g. sub-sectors/ NDC scope/ F gases mandatory only if large sources**
- **Key categories; thresholds for what is key category**
- **Uncertainty analysis, recalculations**
- **Starting point , end point in time series**





Progress with NDC

Elements from the co-facilitator note

1. Objectives and principles;
2. National circumstances and institutional arrangements;
3. Description of a Party's NDC under Article 4, including updates;
4. Progress made in implementing its NDC under Article 4 to date;
 - a) Indicators to track progress made in implementing its NDC under Article 4;
5. Progress made in achievement of the Party's NDC under Article 4 for the target year/period;
 - a) Indicators to track progress made in achieving its NDC under Article 4;
6. Mitigation policies and measures, actions, and plans, and other actions with mitigation co-benefits, related to the implementation and achievement of an NDC under Article 4, including effects (historical and expected), barriers and costs;
7. Summary of greenhouse gas emissions (GHG) and removals;
8. Projections of GHG emissions and removals, as applicable;
9. Information on Parties' accounting under Article 4, paragraphs 13 and 14;
10. Information related to Article 6, as applicable;
11. Other information, where applicable and appropriate;
12. Capacity-building needs;
13. Improvement plan;
14. Reporting format;

Info to track progress

Description of NDC – to understand what the progress is measured towards;

- **updated info on methods used, indicators, etc**

Need to reflect type of targets and their respective data needs

- ***Policies and measures***
- ***Quantified mitigation actions***
- ***Peaking***
- ***Intensity targets***
- ***Deviation from BAU***
- ***Economy wide targets - single year, period***



- ***GHG emissions data essential for any of these types***

The type of NDC chosen determines the degree & level of detail of information needed

Info to track progress

- *Information on GHG emissions (*on scope of NDC) → base year emissions + over reporting period*
- *Information on LULUCF, including approaches and methodologies for land sector (if part of NDC)*
- *Info on use of ITMOs (if used)*

For all
types of
NDCs

Accounting

- *Info on quantified indicators and parameters as determined by Party for the NDC (e.g. GDP, population)*

Irrespective
of type of
NDC, if
indicators
used to track
progress

- *Information on mitigation action & benefits*

For PAM NDCs



- Quantified progress towards implementing NDC – should be structured in straightforward tabular format
- Info needed upon a completed NDC cycle, after the period of implementation has finished
 - What and how to report on progress in achieving NDCs?
 - When GHG inventory data of last year of NDC becomes available for reporting?

The GSTs should make use of such information , to enable clarity on the aggregate progress towards the goals -> how to ensure the timeliness & availability





Information on policies and measures

- *Qualitative and quantitative information on the mitigation action undertaken*
- *Name, description, sectors, gases, institutions, years of implementation, effects, including co-benefits*
- *Effects: ex-post, ex-ante , costs / benefits , etc*
- *Info on methods used to estimate mitigation effect*

- *Areas of flexibility for this information – quantified effects*





GHG Projections

- Projections would help understand the direction current measures give
- Scenarios - with current measures
- Level of detail? Gases/sectors
- Application of flexibility – NDC scope/full scope; sensitivity analysis; detail in presenting info;
- If target describes a deviation from business as usual, projections are important information on progress towards target





Key questions/reflections

- *Need to make the framework fit for purpose*
- *Usability at national level. How would MPGs enable tools for countries to understand what and how to track progress?*
- *How to apply flexibility in relation to GHG inventory and progress towards targets?*
 - IPCC guidelines offer a degree of choice through tiers, thresholds, significance, etc. **What is needed extra?**
 - NDC is nationally determined, so capacities reflected in type of NDC. **Where is additional flexibility needed to report progress?**
- *Essential information needs. What information is important for the CMA to have? What kind of information does GST need? WHEN does the info need to come?*
- *Review and FMCP need to enable improvement over time, facilitate better participation in the ETF, identify capacity needs → how can these processes enable the above?*

