

International discussion on Measurement, Reporting and Verification of mitigation actions

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Nationally appropriate mitigation actions (NAMAs)

Sub-paragraph 1 (b) (ii) of the Bali Action Plan

- *Developing country Parties will undertake nationally appropriate mitigation actions in the context of “sustainable development” enabled by technology, finance and capacity building support, **in a measurable, reportable and verifiable manner***



1/CP.16

- Developing country Parties to undertake NAMAs [.....] aimed at achieving a deviation from business as usual emissions in 2020
- **Enhance reporting**: national communications every 4 years and biennial update reports
- Conduct **international consultations and analysis** of BURs under SBI



Decisions made under the Convention

2/CP.17

- SBSTA to develop ***general guidelines for domestic MRV of domestically supported actions***
- ***Guidelines*** for BURs contained in ***Annex III***
- Submit BURs ***every 2 years*** either as a summary of parts of NCs or stand-alone update report. First BURs by ***December 2014***.
- ***Modalities and guidelines for ICA*** contained in Annex IV



SBSTA 37/38

- SBSTA initiated the development of general guidelines for domestic MRV of domestically supported actions
- ***Forward draft guidelines to the COP for adoption at its 19th session***
- SBSTA 38 agreed to forward the elements of general guidelines (contained in Annex to the conclusions) to Warsaw



National aspects of reporting

1. National communications every 4 years

2. Biennial update reports

- Every two years as a summary of parts of national communication or a stand alone update report
- First round by December 2014
- Funded by the Global Environment Facility

3. International Consultation and Analysis

- Non-intrusive, non-punitive and respectful of national sovereignty
- Increase transparency of mitigation actions and their effects



Biennial update reports

- **Guidelines** for preparation of BUR were adopted in Durban (Annex III to decision 2/CP.17)
(<http://unfccc.int/documentation/deisions/items/3597.php#beg>)
- Assist Parties in meeting reporting requirements; encourage consistency, transparency, completeness and accuracy
- **Scope of BURs** to provide **update to most recently submitted NCs on mitigation actions, among others**:
 - Name and description of mitigation actions;
 - Information on methodologies and assumptions;
 - Objectives of actions and steps taken or envisaged to achieve them;
 - Information on progress of implementation and underlying steps taken or envisaged, and the results achieved;
 - Information on international market mechanisms.



NAMA Registry and voluntary submission on information on NAMAs

- **NAMA registry** also provides an avenue to submit following information on NAMAs (2/CP.17, paragraph 46):
 - A description of mitigation action and national implementing agency;
 - Expected time frame for implementation and estimated full cost of preparation;
 - Estimated full cost and/or incremental cost of the implementation;
 - Amount and type of support required for preparation and/or implementation;
 - The estimated emission reductions and other indicators;
 - Other relevant information, including the co-benefits for local SD.



MRV relevant information in the registry: indicators

GHGs

- Aggregate MtCO₂ eq reduced
- Annual Mt CO₂ eq reduced

Implementation

- MW of installed capacity
- % of renewables in energy matrix
- Amount of personnel trained
- [...]

SD and co-benefits

- Number of jobs created
- Km of paved roads
- % reduction in cases of lung disease



ICA (modalities and guidelines)

- Conduct international consultations and analysis *under the SBI*:
 - ❑ **Technical analysis of the BURs by a team of technical experts** (Composition and modalities of team of technical experts under negotiations;
 - Prepare **summary report**.
 - ❑ **Facilitative sharing of views** under the SBI.
 - SBI to convene 1-3 hr. workshops to consider summary report and BURs;
 - Record of facilitative sharing of views.
 - ❑ First round of ICA to be conducted within six months of submission of first BURs,
 - Modalities and guidelines for conducting ICA were adopted in Durban (Annex IV to decision 2/CP.17).
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ICA

- ICA process aims to increase transparency of mitigation actions and their effects and consider progress made in their implementation;
- Provides space for sharing of views among Parties and potentially generate *best practices*;
- May eventually contribute to building *MRV capacities* in developing countries;
- Depth of analysis of ICA remains to be seen.



MRV of individual NAMAs

- NAMA specific guidelines/methodologies haven't been developed under the Convention
 - BUR specifies some requirements
 - MRV will depend on source of funding:
 - **Internationally supported NAMAs**: sources of funding may have own reporting requirements;
 - **Domestically funded NAMAs**: general guidelines currently being developed by the SBSTA.
 - International stakeholders engaged in initiatives that may provide guidance to design and implement MRV systems
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International Initiatives

- A number of international initiatives supporting countries move forward with NAMA development and demonstration:
 - **GIZ – NAMA tool**
(<http://mitigationpartnership.net/nama-tool-steps-moving-nama-idea-towards-implementation>)
 - **UNDP Low-emission Capacity Building Project**
(http://www.undp.org/content/undp/en/home/ourwork/environmentandenergy/focus_areas/climate_strategies/undp_projects_thatcontributetogreenlecrds/national_sub-nationalstrategies/low_emission_capacitybuildingprogramme.html)
 - **US Government's Enhanced capacity for LEDS Programme**
(<http://ledsgp.org/home>)
 - **WRI – Measurement and performance tracking (MAPT) Project**
(<http://www.wri.org/project/low-carbon-development/measurement-and-performance-tracking>)
 - **International partnership on mitigation and MRV**
(<http://mitigationpartnership.net>)



Some concluding thoughts

- MRV is not a new concept
- MRV should be supporting tool to guide/incentivize implementation
- Systems need to reflect local capacities and needs – build on existing system . Tiered approach could be used – building up requirements as the capacity is developed over time
- Encourage flexibility and country specific approaches
- Robust MRV system enhances transparency of policy making and builds trust of national stakeholders as well as international donors
- Comprehensive MRV systems can help demonstrate efforts toward the 2 degree goal



Thank you
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