



## Latin American and Caribbean Regional Workshop

### MRV of NAMAs as a Key Element of National MRV Systems

6-8 March 2014 – Mexico City

#### Objectives

- Exchange good practice cases and build capacities for the development of systems for the measurement, reporting and verification (MRV) of nationally appropriate mitigation actions (NAMAs) in Latin America and the Caribbean;
- Explore potential similarities and key differences between MRV processes applicable to facility-level greenhouse gas (GHG) reporting and NAMAs;
- Discuss issues related to capturing the emissions impacts due to NAMAs within national GHG inventories and reflect this in national GHG reporting.

#### Organizers

The workshop is convened by the Partnership for Market Readiness (PMR) and the International Partnership on Mitigation and MRV (MRV Partnership), and hosted by the Mexican Secretary of Environment and Natural Resources (SEMARNAT). It is jointly organized and financed by the World Bank (PMR Secretariat), the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH on behalf of German Federal Environment Ministry (BMUB), and CAF - Development Bank of Latin America.

#### Target group

Policy makers and technical experts from the Latin American and Caribbean region involved in the design, implementation and coordination of NAMAs, including reporting for national and international purposes. As the workshop addresses MRV issues and considerations applicable to different types of policy mechanisms (e.g., facility-level MRV for emission trading programs, MRV for mitigation actions and MRV for national reporting), participants should have interests that span across different policies.

#### Participating countries

Argentina, Brazil, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, Mexico, Peru, Uruguay

#### Structure of contents and methodology

The workshop focusses on the transfer of lessons learned from practical experience and peer-exchange on MRV at three levels, closely interrelated to each other:

- MRV at national level,
- MRV at NAMA level and
- MRV at facility level.

It is structured in six thematic blocks, of which blocks I and VI focus on the overall context of national MRV Systems and how their different elements and levels interrelate. Blocks II-V delve into each of the



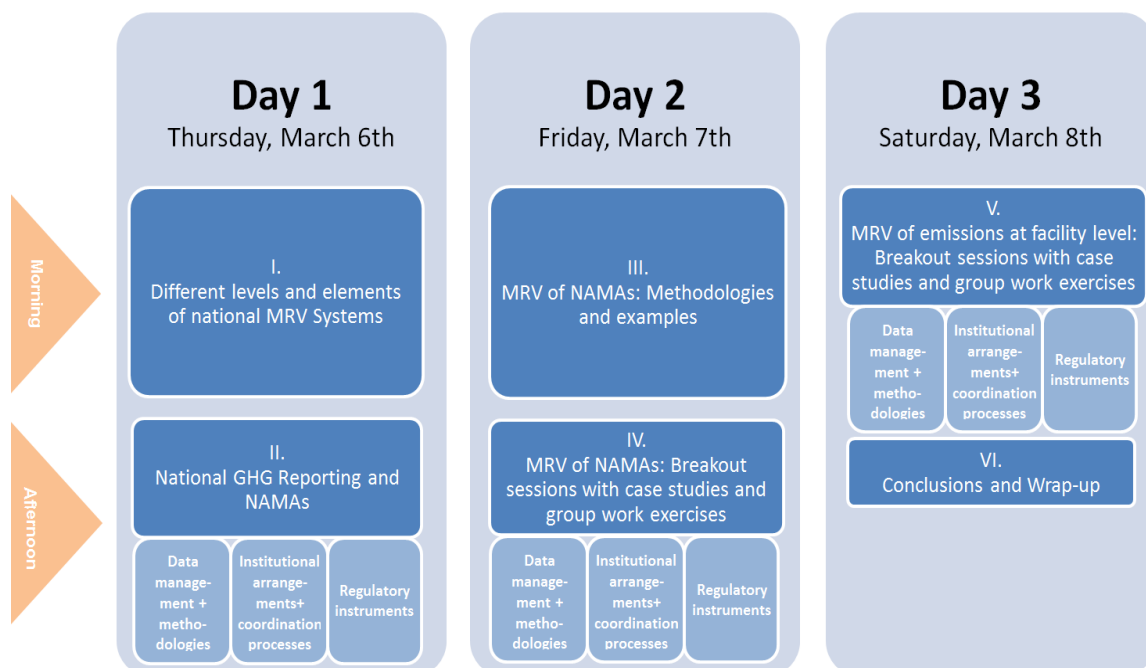


mentioned three levels more in detail, focusing on a) data management and methodologies, b) institutional arrangements and coordination processes and c) legal and regulatory instruments.

Each day will consist of input presentations on general topics and methodological approaches in the morning and divide participants in breakout sessions in the afternoon, where they will work on specific issues, using case studies and corresponding group work exercises, such as peer consultation dynamics.

### Overview of methodology and agenda

Transversal	Levels	Topics		
		Data management & methodologies	Institutional arrangements & coordination processes	Legal & regulatory instruments
<ul style="list-style-type: none"> <li>• Presentation of good practice examples from developing and developed countries</li> <li>• Analysis of success factors and favorable conditions in view of their replicability in the region</li> <li>• Identification of options to develop an integrated approach for data management across the three levels of MRV</li> <li>• Analysis of gaps and common challenges</li> </ul>	<b>National level (inventories, reporting in NCS and BURs)</b>	Day 1 - Block II: Plenary session with case studies		
	<b>NAMA level</b>	Day 2 - Block III: Plenary session		
		Day 2 - Block IV: Breakout sessions with case studies and group work exercises		
	<b>Facility level (reporting for NAMAs and ETS programs)</b>	Day 3 - Block V: Breakout sessions with case studies and group work exercises		



Hosted by:



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## Agenda

Day 1 – Thursday, March 6 <sup>th</sup>			
Time	Block	Objectives of the block	Source/Expert/Case
08:00 am	Registration		
<b>Opening and Workshop Overview</b>			
08:30-10:00am	<b>I. A)</b>  Opening, introduction and reporting back on related Partnership activities	<ul style="list-style-type: none"> <li>- Introductions by host and organizers;</li> <li>- Presentation of workshop overview including goals, structure/storyline, agenda;</li> <li>- ‘Country snapshots’: country team lead presents participants and main expectations;</li> <li>- Overview of the two Partnerships: work programme and knowledge products.</li> </ul>	<ul style="list-style-type: none"> <li>• Welcome remarks: Beatriz Bugada, General Director of Climate Change Policy, SEMARNAT, Mexico Miriam Faulwetter, Advisor, BMUB, Germany Moira Paz, Director Mexico Office, CAF Xueman Wang, Team Leader, PMR Secretariat, WB</li> <li>• MRV capacity development at PMR and IPMM programmes</li> <li>• Intro &amp; Workshop overview by facilitators</li> <li>• Country round presentation (3 min each);</li> </ul>
10:00am	Coffee break		
<b>Building blocks of integrated national MRV systems to address multiple policy objectives</b>			
10:30am-12:30pm	<b>I. B)</b>  Building a common understanding around MRV concepts & definitions	Big picture session: <ul style="list-style-type: none"> <li>- Presentation of MRV concepts, objectives and principles: MRV of emissions &lt;&gt;MRV of actions;</li> <li>- Give an overview of three levels of MRV: (i) for facility-level GHG reporting; (ii) for NAMAs (programs/actions);(iii) for national reporting in NCs/BURs; and show their interrelations</li> <li>- Review and discuss key concepts applicable to the three “levels” of MRV</li> <li>- Provide an introduction on the different key elements of national GHG reporting with a special focus on reporting of mitigation policies and measures at the national level.</li> </ul>	Setting the stage: <ul style="list-style-type: none"> <li>• Ms. Verena Bruer, International MRV Partnership; Mr Michael McCormick, PMR Secretariat.</li> <li>• Discussion on interrelations of three levels of MRV</li> </ul> Moderator: Mr. Marcos Castro, PMR Secretariat  Panelists: <ul style="list-style-type: none"> <li>- Ms. Tania Zamora, Coordinator, GHG Emissions Management, Ministry of Environment (MINAM);</li> <li>- Mr. Miguel Rescalvo, Director of Policy Advisory &amp; Research, Latin America, DNV GL</li> <li>- Ms Verena Graichen, Sr Researcher, Oeko-Institut</li> </ul> Overview presentation: <ul style="list-style-type: none"> <li>• Mr. Pankaj Bhatia, Dep. Director, Climate &amp; Energy, WRI</li> </ul>

12:30 pm	Lunch		
	<b>National GHG Reporting and NAMAs</b>		
02:00-03:00pm	<b>II. A)</b> National GHG Reporting: Reporting of mitigation policies and measures at the national level	<ul style="list-style-type: none"> <li>Give an up-to-date overview about corresponding UNFCCC requirements for National Communications and Biennial Update Reports</li> <li>Demonstrate options and challenges for reporting on mitigation actions in National Communications and Biennial Update Reports, using cases from within and outside the region.</li> </ul>	<ul style="list-style-type: none"> <li>Overview &amp; update: Mr Claudio Forner, Team Leader, Mitigation, Data &amp; Analysis, UNFCCC Secretariat</li> <li>Country case presentation: <ul style="list-style-type: none"> <li>Ms. Diana Barba, Advisor, Climate Change Mitigation, Ministry of Environment, Colombia;</li> <li>Ms. Cate Hight, Environmental Protection Specialist, U.S. Environmental Protection Agency (EPA)</li> </ul> </li> </ul>
03:00-03:40pm	<b>II. B)</b> Building integrated GHG data management systems	<ul style="list-style-type: none"> <li>Point out different options of harmonizing MRV systems of NAMAs/policies and measures with national GHG reporting using case examples from within and outside the region.</li> <li>Show challenges &amp; limitations of trying to apply an integrated approach, such as strategies and lessons learnt to overcome corresponding barriers</li> </ul>	<ul style="list-style-type: none"> <li>Country case examples of integrated national reporting <ul style="list-style-type: none"> <li>Ms. Ximena Aristizabal, General Direction of , Climate Change, SEMARNAT, Mexico;</li> <li>Sr. Israel Laguna, Instituto Nacional de Ecología y Cambio Climático</li> <li>Mr. Karsten Karschunke, German Emissions Trading Authority (DEHSt), Germany</li> </ul> </li> </ul>
3:40 pm	Coffee break		
4:00-5:30pm	<b>II. B) (cont.)</b> Building integrated data management systems: Harmonizing NAMA MRV systems with national GHG reporting: Issues, challenges and options	<ul style="list-style-type: none"> <li>Discuss concrete challenges of harmonizing MRV systems of NAMAs and measures with national GHG reporting more in depth, using selected examples from the region</li> <li>Provide peer advice to country representatives on current challenges they are dealing with</li> </ul>	<ul style="list-style-type: none"> <li>Peer consultation in 3-4 parallel breakout group sessions, dealing with specific challenges from participating country teams (cases tbd) <ul style="list-style-type: none"> <li>Cases from: <ul style="list-style-type: none"> <li>Argentina</li> <li>Dominican Republic</li> <li>Peru and Ecuador</li> </ul> </li> </ul> </li> </ul>
5:30 pm	Wrap-up and closure		

Day 2 – Friday, March 7 <sup>th</sup>			
Time	Block	Description	Source/Expert/Case
<b>MRV of NAMAs (i): From Theory to Practice</b>			
08:30-10:30am	<b>III. A)</b> Key principles and objectives of MRV for NAMAs	Provide an introduction on key principles, different data management approaches and relevant institutional and legal arrangements for MRV of NAMAs	Overview presentations: Expert panel covering 3 dimensions: <ul style="list-style-type: none"> <li>• <i>Overview:</i> Mr. Miguel Rescalvo, Director of Policy Advisory &amp; Research, Latin America, DNV GL</li> <li>• <i>Data &amp; Meths:</i> Mr. David Rich, Senior Associate, Mitigation Accounting Initiative, WRI</li> <li>• <i>Institutions/processes:</i> Mr. James Vener, Mitigation Economist, LECB Global Support Team, UNDP</li> </ul>
10:30 am	Coffee Break		
11am-12:30pm	<b>III. B)</b> MRV for NAMAs: Country case presentations	<ul style="list-style-type: none"> <li>• Presentation of country case examples, showing how the different elements (data management, institutional arrangements, legal and regulatory instruments) relevant for MRV of NAMAs interrelate</li> <li>• Discussion of success factors, main challenges and common barriers.</li> </ul>	Country expert presentations: <ul style="list-style-type: none"> <li>• Ms Monica Echegoyen, Director, Global Environmental Policies, SEMARNAT, Mexico</li> <li>• Mr. Fernando Farias, Director, Climate Change, Ministry of Environment, Chile</li> <li>• Mr. Nazareno Castillo, Director, Climate Change, Secretary of Environment &amp; Sustainable Development, Argentina</li> </ul>
12:30 pm	Lunch		

<b>MRV of NAMAs (i): Breakout sessions</b>			
2:00pm- 3:15pm	<b>IV. A)</b> Case studies on MRV of NAMAs	Share and discuss case studies from different sectors on application of principles and methodologies, institutional arrangements and legal and regulatory instruments for MRV of NAMAs	<ul style="list-style-type: none"> <li>• Group 1 - Costa Rica Coffee NAMA case <ul style="list-style-type: none"> <li>- Ms. Marianella Feoli, Advisor, MINAE / Executive Director FUNDECOOPERACION, Costa Rica</li> <li>- Mr. Felipe De León, Carbon Markets and Metrics Advisor, Climate Change Office, MINAE, Costa Rica</li> </ul> </li> <li>• Group 2 - Colombia Freight Transport NAMA case <ul style="list-style-type: none"> <li>- Mr. Jose Pacheco, UMUS, Ministry of Transport, Colombia</li> <li>- Mr. Carlos Pardo, Despacio / National PMR Coordinator</li> </ul> </li> <li>• Group 3 - Mexico Sustainable Housing NAMA case <ul style="list-style-type: none"> <li>- Mr. Jorge Wolpert, Secretariat of Urban, Territorial and Agrarian Development (SEDATU), Mexico</li> <li>- Mr. Jakob Graichen and Emily Castro, GIZ</li> </ul> </li> </ul>
3:30pm- 4:55pm	<b>IV. B)</b> Peer consultation session (with additional case presentations)	<ul style="list-style-type: none"> <li>• Discuss concrete challenges of data management, institutional arrangements, such as legal and regulatory mechanisms for MRV of NAMAs more in depth, using selected examples from the region (proposed by participants)</li> <li>• Provide peer advice to country representatives on current challenges they are dealing with</li> </ul>	<ul style="list-style-type: none"> <li>• Peer consultation in 5 parallel breakout group sessions, dealing with specific challenges from participating country teams.</li> </ul> <p>Cases from:</p> <ul style="list-style-type: none"> <li>- Costa Rica</li> <li>- Argentina</li> <li>- Peru</li> <li>- Ecuador</li> <li>- Dominican Republic</li> </ul>
@ 3:15pm	Coffee break		
5:00- 6:00pm	<b>Report back:</b> Sharing results of parallel sessions and discussing elements and options for successful institutional arrangements in the context of MRV of NAMAs at national level.		
6:00 pm	<b>Wrap-up discussion</b> (linking back to day 1): How to connect MRV of NAMAs with national inventories?		

Day 3 – Saturday March 8 <sup>th</sup>			
Good Practice Guidance for MRV at the Facility level			
09:00-10:15am	<p><b>V. A)</b></p> <ul style="list-style-type: none"> <li>- Introduction on key facility-level GHG reporting program design features;</li> <li>- Presentation of examples of facility-level GHG reporting programs; case studies</li> </ul>	<ul style="list-style-type: none"> <li>- Discuss key facility-level GHG reporting program design features using examples of reputed programs from outside the region</li> <li>- Identify necessary elements to include in emerging programs such as relevant lessons learnt and linkages for MRV at NAMA level and national level.</li> </ul>	<ul style="list-style-type: none"> <li>• Expert presentations from outside the LAC region: <ul style="list-style-type: none"> <li>- Mr. Sean P. Hogan, Climate Change Division, U.S. Environmental Protection Agency (EPA)</li> <li>- Mr. Tang Jin, R&amp;D Director, SinoCarbon Innovation &amp; Investment Co., Ltd. China</li> <li>- Ms. Verena Graichen, Senior Researcher, Oeko-Institut</li> </ul> </li> <li>- 30 min Q&amp;A roundtable</li> </ul>
10:15 am	<b>Coffee break</b>		
10:45-12:00pm	<p><b>V. B)</b></p> <ul style="list-style-type: none"> <li>- Break out group session: Strengthening infrastructure and capacities for facility-level reporting to underpin robust and coordinated GHG data management.</li> </ul>	<ul style="list-style-type: none"> <li>- Present concrete examples of facility-level GHG reporting programs in the LAC region and</li> <li>- Discuss on strengthening infrastructure and capacities for facility-level reporting to underpin a robust and coordinated GHG data management.</li> </ul>	<ul style="list-style-type: none"> <li>• Covers case studies from LAC countries. Collegial/Peer Consultation on specific cases and questions from country teams (participants). <ul style="list-style-type: none"> <li>- Case 1: Mexico - Soffía Alarcón, Dirección General de Políticas para el Cambio Climático, México</li> <li>- Case 2: Chile – Mr. Fernando Farias, MMA and Mr. Marcos Serrano, Department of Environmental Statistics and Information</li> <li>- Case 3: Brazil - Ms. Cibele Souza, Environmental Foundation, State of Minas Gerais</li> </ul> </li> </ul>
12:00pm-1:00pm	<p><b>Plenary:</b> Report back on small groups – how to support integrated GHG data management</p> <p><b>Wrap up:</b> Macro-level session: a recap of issues introduced/discussed in preceding sessions; comment on good practice guidance and institutional/operational requirements; next steps to advance the discussed issues at national and regional levels.</p>		
1:00pm	<b>Workshop closure and lunch</b>		