



International Partnership  
on Mitigation and MRV



PARTNERSHIP FOR  
MARKET READINESS

Latin American and Caribbean Regional Workshop

MRV of NAMAs as a  
Key Element of National MRV Systems

6-8 March 2014 – Mexico City

# Methodological guidelines for speakers and case study presenters

Host:

SEMARNAT  
SECRETARÍA DE  
MEDIO AMBIENTE  
Y RECURSOS NATURALES



Organizers:

CAF  
DEVELOPMENT BANK  
OF LATIN AMERICA

giz  
Deutsche Gesellschaft  
für Internationale  
Zusammenarbeit (GIZ) GmbH

On behalf of:

Federal Ministry  
for the Environment, Nature Conservation,  
Building and Nuclear Safety

of the Federal Republic of Germany



THE WORLD BANK



Day 1 – Thursday, March 6 <sup>th</sup>				
Time	Block	Objectives of the block	Source/Expert/Case	Guidelines for the elaboration of inputs
<b>National GHG Reporting and NAMAs</b>				
10:30am-12:30pm	<b>I. B)</b> Building a common understanding around MRV concepts & definitions	<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>	<ul style="list-style-type: none"> <li>- Ms. Verena Bruer, International MRV Partnership;</li> <li>- Mr. Michael McCormick, PMR Secretariat.</li> <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> <li>- Mr. Pankaj Bhatia, Dep. Director, Climate &amp; Energy, WRI (<i>note: to be presented in the previous block for time management reasons</i>)</li> </ul>	<p><b>Moderated discussion</b> on interrelations of three levels of MRV</p> <p><b>Duration:</b> 20 minutes</p> <p><b>Questions and key aspects to be addressed:</b></p> <ul style="list-style-type: none"> <li>- Contextualization: Which role does reporting on mitigation policies and measures / NAMAs play in NCs and BURs?</li> <li>- Which data is relevant to report on mitigation policies and actions at national level?</li> <li>- How to harmonize MRV of NAMAs with national GHG reporting in BURs and NCs?</li> </ul> <p>Which institutional, legal and regulatory arrangements facilitate reporting on NAMA impacts at national level?</p>



<p>02:00-03:00pm</p>	<p><b>II. A)</b> National GHG Reporting</p>	<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.</li> </ul>	<ul style="list-style-type: none"> <li>- Mr. Claudio Forner, Team Leader, Mitigation, Data &amp; Analysis, UNFCCC Secretariat</li> </ul> <p>Country case presentations:</p> <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>	<p><b>Duration:</b> 15 minutes</p> <p><b>Questions and key aspects to be addressed:</b></p> <ul style="list-style-type: none"> <li>- Which requirements exist at UNFCCC level for national reporting on NAMAs?</li> <li>- Which are important considerations while putting them into practice?</li> </ul> <p><b>Duration:</b> 15 minutes per case</p> <p><b>Questions and key aspects to be addressed:</b></p> <ul style="list-style-type: none"> <li>- Which institutional, legal and regulatory arrangements are currently in place/being set-up to facilitate GHG emissions reporting at national level?</li> <li>- How does reporting on mitigation actions at national level take place in the country? Which data is being considered?</li> <li>- Which are relevant success factors and lessons learnt along the process up to now?</li> <li>- Which aspects of the presented experiences have potential for replication in the LAC region? What are important considerations and recommendations?</li> <li>- What are remaining challenges?</li> </ul>
<p>03:00-03:40pm</p>	<p><b>II. B)</b> Building integrated GHG data management systems: Harmonizing NAMA MRV systems with national GHG reporting</p>	<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</li> <li>- Mr. Luis Muñozcano, Ms. Soffía Alarcón and Ms. Ximena Aristizabal, General Direction, Climate Change, SEMARNAT, Mexico;</li> <li>- Mr. Karsten Karschunke, German Emissions Trading Authority (DEHSt), Germany</li> </ul>	<p><b>Duration:</b> 15 minutes per case</p> <p><b>Questions and key aspects to be addressed:</b></p> <ul style="list-style-type: none"> <li>- Which approach(es) are applied to consolidate and integrate reporting on the impacts of mitigation actions among different sectors?</li> <li>- Which approach(es) are applied to harmonize MRV of policies &amp; measures / NAMAs with national GHG reporting in BURs and NCs?</li> <li>- Which institutional, legal and regulatory arrangements are currently in place/being set-up to facilitate reporting on NAMA impacts at national level?</li> <li>- Which are relevant success factors and lessons learnt along the process up to now?</li> <li>- Which aspects of the presented experiences have potential for replication in the LAC region? What are important considerations and recommendations?</li> <li>- What are remaining challenges?</li> </ul>



4:00-5:30pm	<p><b>II. B) (cont.)</b></p> <p>Building integrated data management systems: Harmonizing NAMA MRV systems with national GHG reporting</p>	<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>- Country cases tbd</li> <li>- Issues to address e.g.:               <ul style="list-style-type: none"> <li>- Diversity vs. comparability: given different types of NAMAs, scope of possibilities and MRV approaches</li> <li>- Challenges countries face when seeking to show impact of NAMAs in national GHG inventories</li> <li>- Options for integrating data systems to serve MRV for facility-level programs, NAMAs and national reporting</li> </ul> </li> </ul>	<p><b>Duration:</b> 10 minutes per case presentation</p> <p><b>Format:</b> Peer consultation in 3-4 parallel breakout group sessions, dealing with specific challenges from participating country teams</p> <p><b>Methodology:</b> See detailed description in Annex I</p>
5:30 pm	Wrap-up and closure: Presentation of peer consultation results, feedback & discussion of conclusions of the day			

Day 2 – Friday, March 7 <sup>th</sup>				
Time	Block	Objectives of the block	Source/Expert/Case	Guidelines for the elaboration of inputs
08:30-10:30am	<b>MRV of NAMAs (i): From Theory to Practice</b>			
	<p><b>III. A)</b> Key principles and objectives of MRV of NAMAs:</p>	<p>Provide an introduction on key principles, different data management approaches and relevant institutional and legal arrangements for MRV of</p>	<p>Overview presentations: Expert panel covering 3 dimensions:</p> <ul style="list-style-type: none"> <li>- <i>Overview:</i> Mr Miguel Rescalvo, Director of Policy Advisory &amp; Research, Latin America, DNV GL</li> </ul>	<p><b>Duration:</b> 20 minutes</p> <p><b>Aspects to be addressed:</b> What are key principles, objectives, dimensions, building blocks and relevant considerations for MRV of NAMAs?</p>



		NAMAs	<ul style="list-style-type: none"> <li>- <i>Data &amp; Meths</i>: Mr David Rich, Senior Associate, Mitigation Accounting Initiative, WRI</li> </ul>	<p><b>Duration:</b> 30 minutes</p> <p><b>Aspects to be addressed:</b></p> <ul style="list-style-type: none"> <li>- Which data is relevant to MRV the impacts of NAMAs?</li> <li>- Which different methodological approaches/tiers and procedures do exist to gather, aggregate, analyse and report this data?</li> <li>- How to consolidate &amp; integrate reporting among different levels?</li> </ul>
			<ul style="list-style-type: none"> <li>- <i>Institutions/processes</i>: Mr James Vener, Mitigation Economist, LECB Global Support Team, UNDP</li> </ul>	<p><b>Duration:</b> 20 minutes</p> <p><b>Aspects to be addressed:</b></p> <p>Which institutional, legal and regulatory arrangements do facilitate an enabling environment for MRV for NAMAs?</p>
11am-12:30pm	III. B) MRV for NAMAs: Selected country presentations	<ul style="list-style-type: none"> <li>- Presentation of country case examples, showing how the different elements relevant for MRV of NAMAs interrelate;</li> <li>- Discussion of success factors, main challenges and common barriers.</li> </ul>	<p>Country expert presentations:</p> <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> <li>- Mr. Mohamed Zmerli, Ministry of Infrastructure, Land Management and Sustainable Development, Tunisia</li> </ul>	<p><b>Duration:</b> 20 minutes per case</p> <p><b>Questions and key aspects to be addressed:</b></p> <ul style="list-style-type: none"> <li>- Which different data management approaches for MRV of NAMAs are applied/under development in the country?</li> <li>- Which institutional, legal and regulatory arrangements are currently in place/being set-up to facilitate MRV of NAMAs?</li> <li>- Which are relevant success factors and lessons learnt along the process up to now?</li> <li>- Which aspects of the presented experience have potential for replication in the LAC region? What are important considerations and recommendations?</li> <li>- What are remaining challenges?</li> </ul>
2:00pm-	<b>MRV of NAMAs (i): Breakout sessions</b>			



3:15pm	<p><b>IV. A)</b> MRV of NAMAs: Case studies</p>	<p>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</p>	<ul style="list-style-type: none"> <li>- <b>Group 1 - Costa Rica Coffee NAMA case</b> <ul style="list-style-type: none"> <li>- Ms. Marianela Feoli, Advisor, MINAE / FUNDECOOPERACION, Costa Rica</li> <li>- Mr. Felipe De León, Carbon Markets and Metrics Advisor, Climate Change Office, MINAE, Costa Rica</li> </ul> </li> <li>- <b>Group 2 - Colombia Freight Transport NAMA case</b> <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>- <b>Group 3 - Mexico Sustainable Housing NAMA case</b> <ul style="list-style-type: none"> <li>- Mr. Jorge Wolpert, Secretariat of Urban, Territorial and Agrarian Development (SEDATU), Mexico</li> <li>- Mr. Jakob Graichen, GIZ</li> </ul> </li> <li>- <b>Group 4 - Chile Self-supply Renewable Energy NAMA case</b> <ul style="list-style-type: none"> <li>- Mr. Gerardo Canales, Centro de Energías Renovables (CER), Chile [tbc]</li> <li>- Tbd, GIZ</li> </ul> </li> </ul>	<p><b>Duration:</b> 30 minutes per case</p> <p><b>Questions and key aspects to be addressed:</b></p> <ul style="list-style-type: none"> <li>- Which data is relevant to MRV the impacts of the specific NAMA?</li> <li>- Which methodological approach(es)/tiers and procedures are applied to gather, aggregate, analyse and report this data?</li> <li>- How to consolidate and integrate reporting among different involved levels (facility level, NAMA level)?</li> <li>- Which corresponding institutional arrangements are currently in place/being set-up to facilitate the MRV system of the NAMA?</li> <li>- Which legal and regulatory mechanisms are involved to facilitate the MRV system of the NAMA?</li> <li>- Other key issues, such as: <ul style="list-style-type: none"> <li>- Stringency of MRV system: to meet national reporting requirements &lt; &gt; international (funding) support &lt; &gt; emission reduction crediting;</li> <li>- Trade-offs in light of cost and/or capacity considerations</li> </ul> </li> <li>- Which are relevant success factors and lessons learnt along the process up to now?</li> <li>- What are remaining challenges?</li> </ul>
3:30pm-4:55pm	<p><b>IV. B)</b> MRV of NAMAs: Peer consultation</p>	<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</li> <li>- Provide peer advice to country representatives on</li> </ul>	<ul style="list-style-type: none"> <li>- NAMA cases tbd. Ongoing discussion with country team leads</li> </ul>	<p><b>Duration:</b> 10 minutes per case presentation</p> <p><b>Format:</b> Peer consultation in 3-4 parallel breakout group sessions, dealing with specific challenges from participating country teams</p> <p><b>Methodology:</b> See detailed description in Annex I</p>



---

	current challenges they are dealing with	
5:00-6:00pm	<b>Report back:</b> Sharing results of parallel sessions and discussing elements and options for successful data management approaches, institutional arrangements and legal instruments 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>				
Time	Block	Objectives of the block	Source/Expert/Case	Guidelines for the elaboration of inputs
<b>Good Practice Guidance for MRV at the Facility level</b>				
09:00-10:15am	<b>V. A)</b> Introduction on key facility-level GHG reporting program design features	<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> </ul>	<p><b>Duration:</b> 20 minutes per presentation</p> <p><b>Questions and key aspects to be addressed:</b></p> <ul style="list-style-type: none"> <li>- What are key principles and design features of facility/installation-level MRV programs?</li> <li>- What are key commonalities and differences between MRV systems at facility level and at national/sector level? Where are relevant linkages?</li> <li>- Which are success factors and lessons learnt of facility level MRV/inventories for MRV of NAMAs?</li> </ul>
10:45-12:00pm	<b>V. B)</b> MRV at Facility level: Break out group sessions	<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</li> <li>- Case 2: Chile</li> <li>- Case 3: Brazil (subnational)</li> </ul> </li> </ul>	<p><b>Duration:</b> 1 hour 15 minutes – 15 minutes per case presentation; 1 hour managed discussion</p> <p><b>Format:</b> Peer consultation in 3 parallel breakout group sessions, dealing with specific challenges from participating country teams</p> <p><b>Methodology:</b> See detailed description in Annex 1</p>
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>			

## Annex I: Peer Consultation Methodology (to applied in breakout groups in blocks II B, IV B and V):

Peer consultation is a method through which professionals share their expertise and experience and provide each other with feedback, support and advisory service for the purpose of refining solving task related problems. Country representatives get here the opportunity to share concrete challenges they are currently dealing with in a small group of peers and experts from the region and receive collegial advice in a dynamic group brainstorming.

Each group should comprise professionals working in the same or a closely related area as the corresponding case presenter, such as a facilitator who leads the group through the discussion and monitors the time available for each step of the following 6-part-sequence:

### Sequence:

<b>1</b>	15 min	<p><b>Part 1:</b> Presentation of country case, highlighting key issues and challenge facing the case presenter</p> <p>Aspects to be considered:</p> <ul style="list-style-type: none"> <li>- Key characteristics of current situation</li> <li>- Relevant background information on historic development and country context including involved stakeholders and institutions</li> <li>- Clear formulation of a specific question/problem/challenge to be treated in the session</li> </ul>
<b>2</b>	10 min	<p><b>Part 2:</b> Questions for clarification from group participants (no discussion allowed)</p>
<b>3</b>	10 min	<p><b>Part 3:</b> Regarding the challenge(s) presented in case studies, participants consider information and ideas from their experience that would be relevant to this problem (individual reflection of each group member)</p> <p>Aspects to be considered:</p> <ul style="list-style-type: none"> <li>- How does each group member recognize the presented challenge entirely/party as their own?</li> <li>- Which are the most relevant barriers?</li> </ul>
<b>4</b>	10 min	<p><b>Part 4:</b> Exchange of individual considerations</p>
<b>5</b>	30 min	<p><b>Part 5:</b> Inputs and advice from group participants on approaches to address the challenge</p> <p>Aspects to be considered:</p> <ul style="list-style-type: none"> <li>- What are useful approaches for addressing the challenge entirely/in parts?</li> <li>- Which are relevant related personal experiences and lessons learned from practice?</li> </ul>
<b>6</b>	10 min	<p><b>Part 6:</b> Wrap-up &amp; evaluation</p> <p>Aspects to be considered:</p> <ul style="list-style-type: none"> <li>- Which are relevant success factors and lessons learnt? What are remaining challenges?</li> <li>- Feedback from the case presenter: Was the session helpful? What are relevant lessons learned for practice?</li> <li>- What did participants gain for themselves?</li> </ul>