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BACKGROUND AND OVERVIEW: MRV AND UNFCCC REQUIREMENTS

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OVERVIEW OF PRESENTATION

- Background
 - MRV
 - NAMA
- Relevant UNFCCC Requirements
 - National Communication and Biennial Update Report
 - Domestic MRV
 - Registry
 - International Consultation and Analysis

BACKGROUND

WHAT IS MRV?

- **M (Measurement)** : monitoring of current status and progress made
- **R (Reporting)** : transparent and standardized compilation and disclosure of measured data
- **V (Verification)**: independent assessment of the accuracy and reliability of reported information

TYPES OF MRV AT THE NATIONAL LEVEL

- **MRV of GHG emissions**
 - National inventory
 - Company/organization inventories
 - Facility-level inventories
- **MRV of intervention impact**
 - Mitigation actions (e.g., NAMAs)
 - GHG reduction goals
 - Projects
- **MRV of support**

WHY MRV

3 12 30 39 48 21	2 11 20 29 38 47	1 10 19 28 37 46
6 15 24 33 42 51	5 14 23 32 41 50	4 13 22 31 40 49
9 18 27 36 45 54	8 17 26 35 44 53	7 16 25 34 43 52

ROLE OF MRV

Support and Facilitate Decision Making

- Domestic
 - Track progress, identify priority sector/area and inform planning
 - Improve policy design and implementation through lessons learned and good practices
 - Promote coordination, communication and transparency
- International
 - Track progress across countries, identify challenges and trends to inform target setting
 - Build trust and enhance transparency to increase international ambition
 - Increase likelihood for support

WHAT IS NAMA?

Nationally Appropriate Mitigation Action:

Any action that ultimately contributes to greenhouse gas emission reductions while addressing the development needs of a country.

RELEVANT UNFCCC REQUIREMENTS

NC AND BUR REQUIREMENTS

National communication

National greenhouse gas (GHG) inventory

A general description of steps taken or envisaged by the Party to implement the Convention

Any other information that the Party considers relevant to the achievement of the objective of the Convention and suitable for inclusion in its communication

No Common Tabular Format for developing countries

Biennial update report

National circumstances and institutional arrangements

National greenhouse gas (GHG) inventory

Information on mitigation actions and their effects

Constraints and gaps, and related financial, technical and capacity needs, including a description of support needed and received

Information on the level of support received to enable the preparation and submission of biennial update reports

Information on domestic MRV

Any other information the Party considers relevant to achieve objectives of the Convention

NATIONAL GHG INVENTORY

IPCC Guidelines (1996) and (2006)

- Sector Coverage :
 - Energy
 - Industry and Product Use
 - Agriculture, Forestry, Land Use
 - Waste
- Tiered approaches
- Coverage of gases & Global Warming Potential
- Reporting should describe sources/sinks, methodologies, emission factors, activity data

REPORTING FOR MITIGATION ACTION

National communication

Information on mitigation programmes and measures implemented or planned including, as appropriate, relevant information by key sectors on:


- Methodologies
- Scenarios
- Measures
- Results
- Institutional arrangements

Biennial update report

Information on mitigation actions and their effects:

- Name and description of action
- Nature of the action
- Coverage (i.e. sectors and gases)
- Quantitative goals of action
- Progress indicators
- *Information on methodologies and assumptions*
- Objectives of the action
- Progress of implementation
- Estimated emission reductions
- Information on international market mechanisms

INTERNATIONAL REPORTING OF MITIGATION ACTIONS: NAMA REGISTRY


Public NAMA • Home

[Country pages](#)
[NAMAs seeking support for preparation](#)
[NAMAs seeking support for implementation](#)
[Other NAMAs, for recognition](#)
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NAMAs seeking support

Country	Title	Date Created
Kenya	NAMA for accelerated geothermal electricity development in Kenya	02/21/2014
Mexico	Cogeneration in the Mexican Oil and Gas sector	11/05/2013
Mexico	Emission Reduction Actions Program (NAMA) in Natural Gas Processing, Transport and Distribution System, through fugitive emission reduction	11/01/2013
Dominican Republic	NAMA in Cement/Co-Processing and Waste Sector	10/17/2013
Uruguay	Sustainable production with low-emission technologies in agriculture and agroindustry production chains.	10/14/2013

Last updated information on support

Country	Title	Date Created
European Economic Community	Latin American Investment Facility	11/06/2013
European Economic Community	Neighbourhood Investment Facility	11/06/2013
Austria, Belgium, Finland, France, Germany, Greece, Italy, Luxembourg, Netherlands, Portugal, Spain, United Kingdom of Great Britain and Northern Ireland	EU-Africa Infrastructure Trust Fund	11/05/2013
Germany	Climate-related ODA funding	10/14/2013
Germany	International Climate Initiative (IKI)	10/14/2013


NAMAs for recognition

Country	Title	Date Created
Uruguay	LNG Terminal with regasification capacity of 10,000,000m ³ /d of natural gas with possible expansion to 15,000,000m ³ /d	10/14/2013
Uruguay	Promotion of renewable energy participation in the Uruguayan primary energy mix	10/14/2013
Chile	Clean Production Agreements in Chile	10/14/2013
Serbia	Construction of New Energy Efficient Buildings Based on Energy Efficiency Regulation in Serbia	10/14/2013

Support provided/received

From	Title	To	Date Recorded
No records to display.			

INTERNATIONAL REPORTING OF MITIGATION ACTIONS: EXAMPLE FROM MEXICO

 Public NAMA ▶ My Application Page Sign In

NS-68 - Emission Reduction Actions Program (NAMA) in Natural Gas Processing, Transport and Distribution System, through fugitive emission reduction

Mexico

NAMA Seeking Support for Implementation

A Overview

A.1 Party

Mexico

A.2 Title of Mitigation Action

Emission Reduction Actions Program (NAMA) in Natural Gas Processing, Transport and Distribution System, through fugitive emission redu

A.3 Description of mitigation action

The central goal of this NAMA is the creation of a framework program that allows project activities consisting of the reduction of methane emission by means of the minimization and/or elimination of fugitive and black carbon emissions in the components of the process, transport and distribution of the national natural gas system.

A.4 Sector

☒ Energy supply

☐ Residential and Commercial buildings

☐ Agriculture

☐ Waste management

☐ Other

☐ Transport and its Infrastructure

☐ Industry

☐ Forestry

A.5 Technology

☐ Bioenergy

☐ Energy Efficiency

☐ Hydropower

☐ Wind energy

☐ Carbon Capture and Storage

☐ Land fill gas collection

☒ Other

☐ Cleaner Fuels

☐ Geothermal energy

☐ Solar energy

☐ Ocean energy

☐ Low till / No till

Fugitive emissions and black carbon reduction

A.6 Type of action

☐ National/ Sectoral goal

☐ Strategy

☒ National/Sectoral policy or program

☐ Project: Investment in machinery

☐ Project: Investment in infrastructure

☐ Project: Other

REPORTING FOR SUPPORT

National communication

Information constraints and gaps, and related financial, technical and capacity-building needs

- constraints and gaps, and related financial, technical and capacity-building needs;
- proposed and/or implemented activities for overcoming the gaps and constraints,
- information on financial and technical support provided by themselves and received
- encouraged to Information on country-specific technology needs and assistance received
- encouraged to provide information on other relevant needs and/or areas for capacity-building

Biennial update report

Information on finance, technology and capacity-building needs and support received

- constraints and gaps, and related financial, technical and capacity-building needs
- information on financial resources,, capacity-building and technical support received
- Technology needs and support received

Standing Committee on Finance to review support using BUR, BR and NC as input

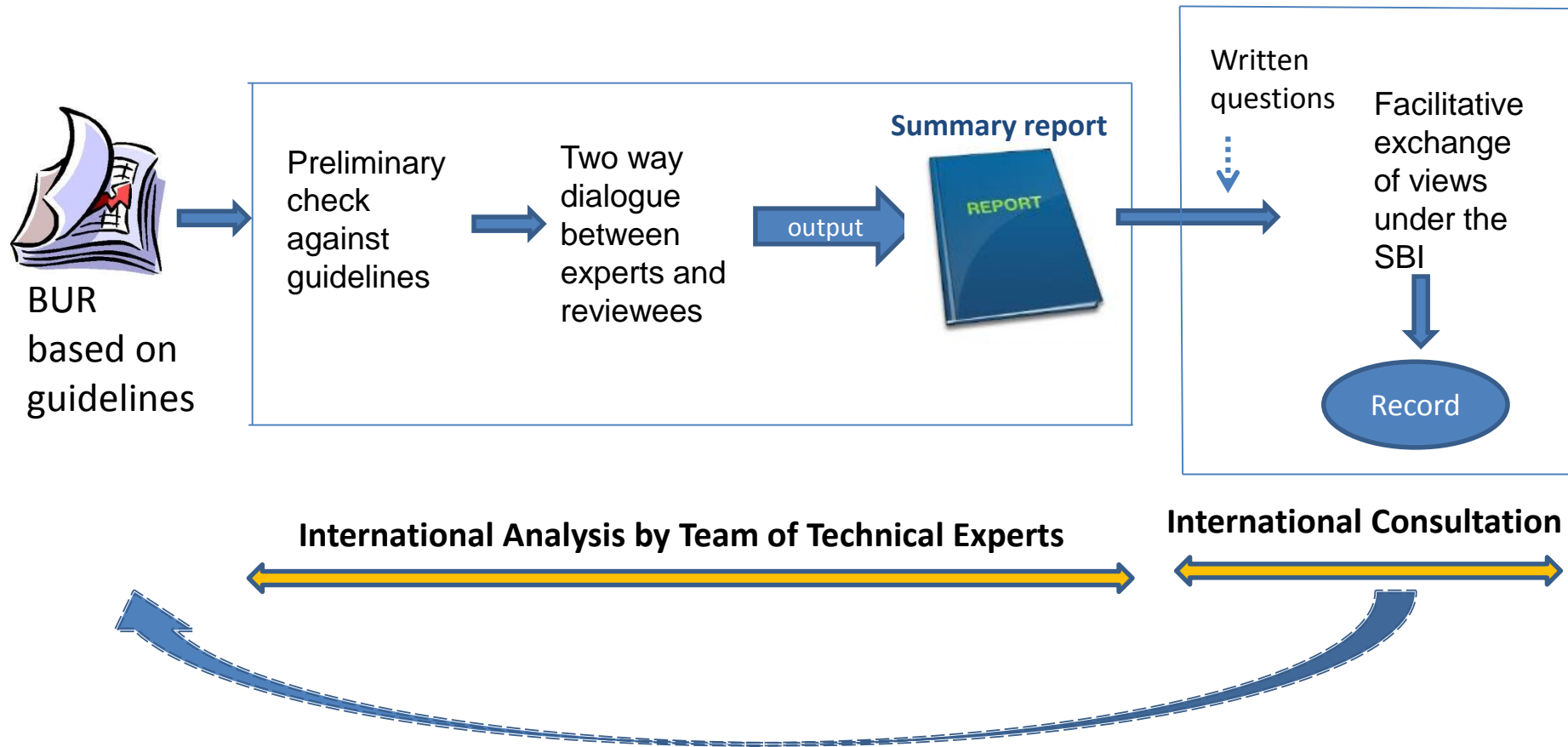
DOMESTIC MRV FOR DOMESTIC NAMA

- Adopted at COP 19
- General principles:
 - General
 - Voluntary
 - Pragmatic
 - Non-prescriptive
 - Non-intrusive
 - Country driven

INTERNATIONAL CONSULTATION AND ANALYSIS

- Role: Enabling a process that is **Interactive** and fosters **Cooperation** results in **Actions**
 - Improve reporting and data overtime
 - Build confidence
 - Foster cooperation

ICA PROCESS



THANK YOU

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