



# BELIZE'S ONLINE MRV SYSTEM

*SHARING BEST PRACTICES ON THE ESTABLISHMENT OF ONLINE MRV SYSTEMS – VIRTUAL WEBINAR*

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# BACKGROUND

With the assistance of the Initiative for Climate Action Transparency (ICAT), Belize developed its national Monitoring, Reporting and Verification (MRV) System (ICAT-Belize Phase 1).

Both technical and financial assistance was provided throughout the process allowing us to develop a robust system for monitoring and reporting climate action in Belize.

The total project cost is \$125,000USD

# OVERVIEW

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Start date: June 2020

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End date: August 2022

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Objective: Establishment of impact and progress indicators, institutional arrangements, data collection and storage procedures, and conducting an impact assessment of a selected NDC policy that will ultimately facilitate the enhancement of the national MRV system for climate change.

# OUTPUTS

1

Reporting requirements for the Paris Agreement, and information to track Belize's NDC implementation

2

Institutional arrangements for data and information reporting and sharing between sectors are formalized

3

MRV tools and procedures are designed to facilitate reporting

4

GHG, Sustainable Development and transformational change impact assessment of a selected NDC policy are performed including the design of a monitoring plan

# PROCESS

## CONSULTATIONS

Sector-specific consultations were conducted throughout the entire process

## INTRODUCTION

Introduced the concept of MRV and its importance to stakeholders

## MAPPING

Existing MRV mechanisms or practices were mapped out

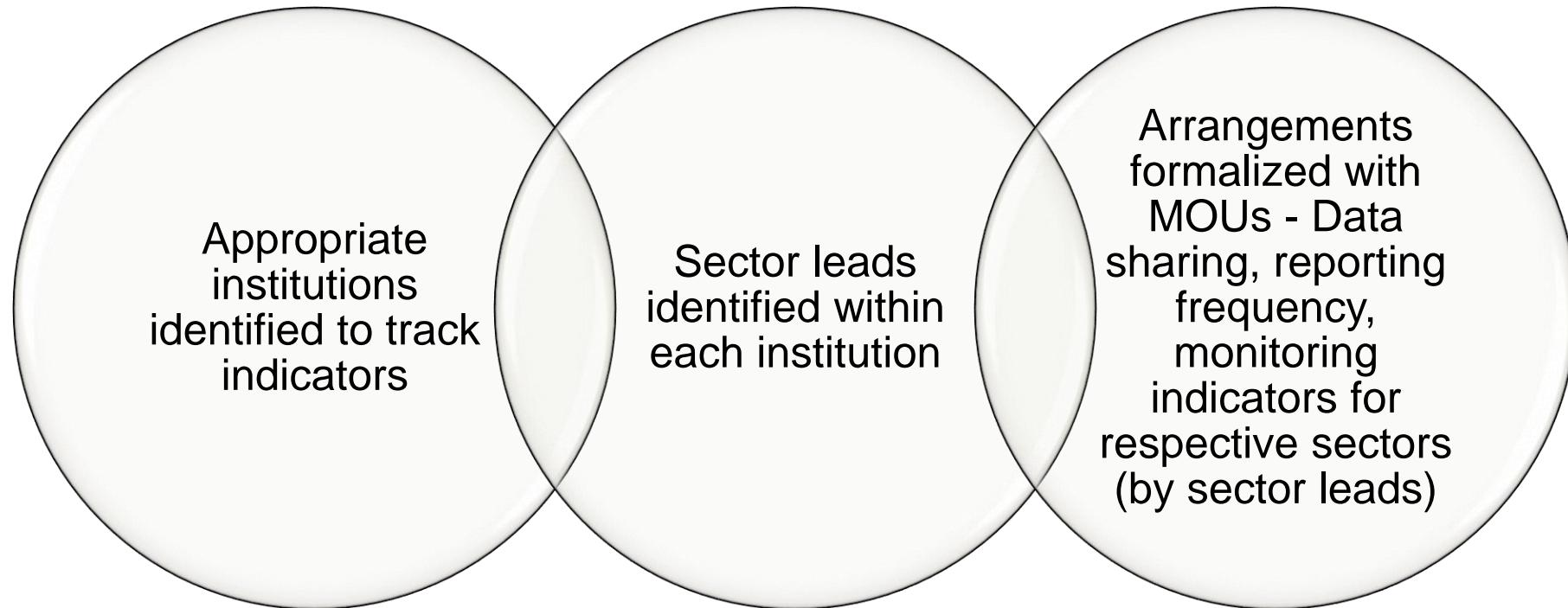
## GAPS

Identified monitoring gaps

## INDICATORS

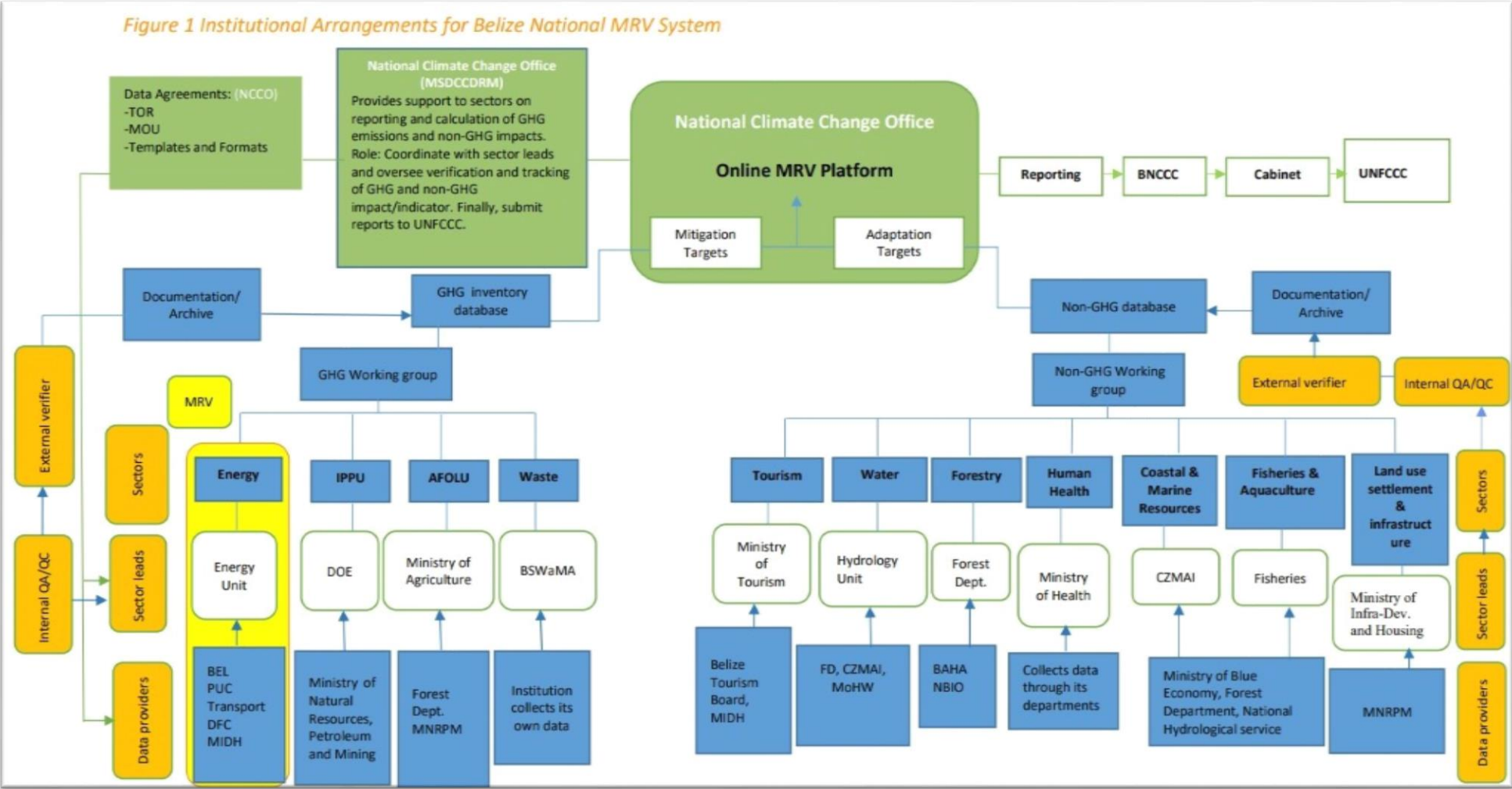
Indicators were developed for actions within the NDC

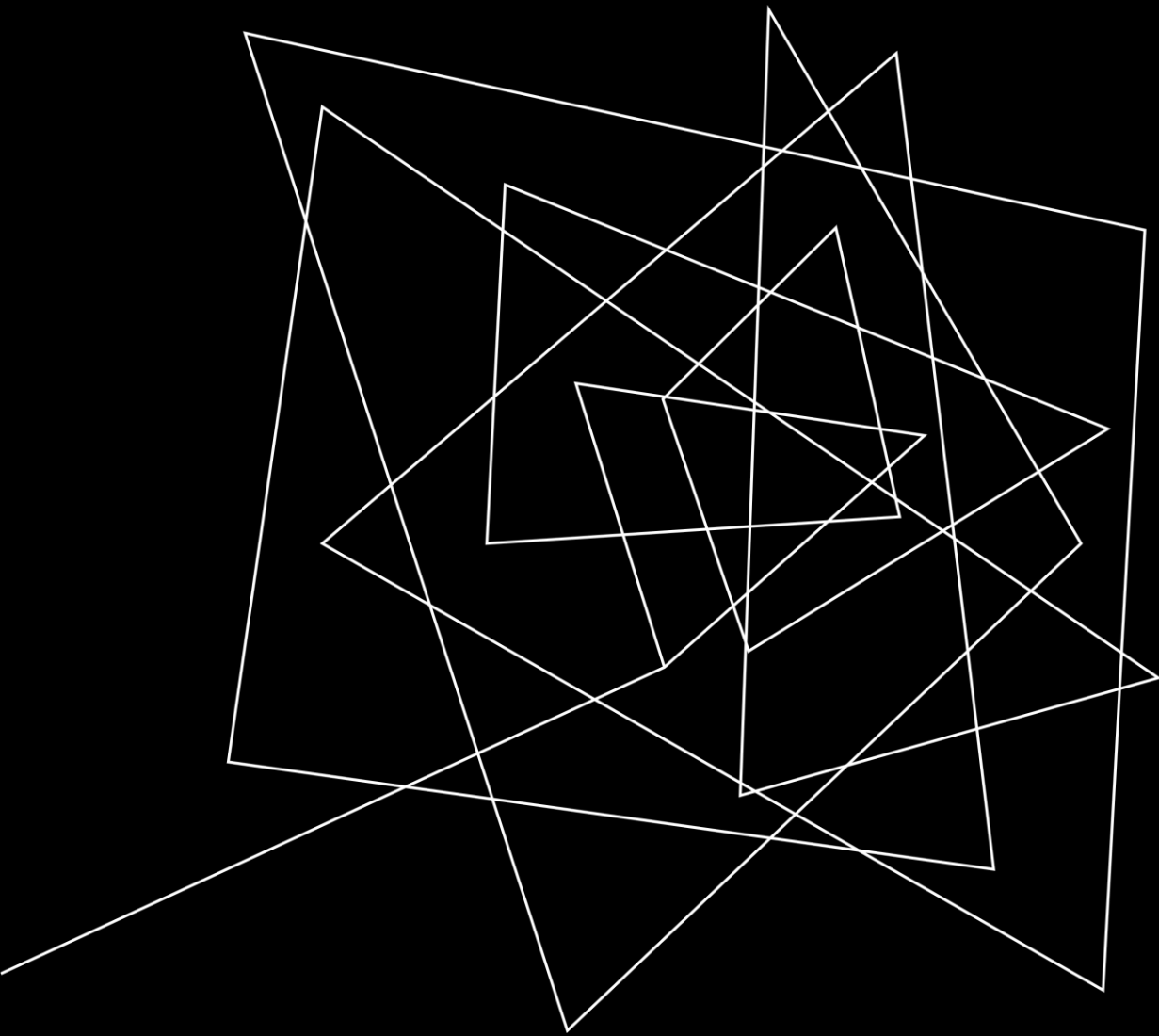
# INSTITUTIONAL ARRANGEMENTS



# INSTITUTIONAL ARRANGEMENTS

Figure 1 Institutional Arrangements for Belize National MRV System





# ONLINE MRV SYSTEM


Features of the system




# ADDING A POLICY

☰ Climate Change Frameworks ▾ Indicators ▾ Interventions ▾ Activities Monitoring Reporting ▾ Settings ▾

Climate Change Frameworks >> **Add A Climate Policy**

 Basic Information

 Attachments

Save

Code: \*


Title: \*


Description: \*

Start Year:

End Year:

Years:

Submission Date: 


Approval Date: 

# NDC TARGETS, ACTIONS & INDICATORS

☰ Climate Change Frameworks ▾ Indicators ▾ Interventions ▾ Activities Monitoring Reporting ▾ Settings ▾

Indicators >> **National Indicators**

☑ Targets    ☑ Actions    ☑ Indicators







 New Target

Show  entries

Showing 1 to 17 of 17 entries

Previous  Next

Search:  **✕ CLEAR SEARCH**

Code	Description	Sector	SDG Goal	Edit	Delete
Agric.1	Reduce methane emissions from livestock by 10% by 2030 and avoid emissions of at least 4.5 KtCO2e related to agriculturally driven land use change by 2025	Agriculture (AG)	13,15,2		
Agric.2	Reduce post-harvest losses through the implementation of the National Adaptation Strategy to address climate change in the agricultural sector to increase the adaptive capacity of the agricultural sector	Agriculture (AG)	13,15,2,6,7,8,9		
Agric.3	Develop and implement an enhanced early warning system for drought and extreme weather events to support farmers in planning for and responding to the impacts of climate change by 2025	Agriculture (AG)	11,13,2		

# INTERVENTION – PROJECT / ACTION

Climate Change Frameworks ▾ Indicators ▾ Interventions ▾ Activities Monitoring Reporting ▾ Settings ▾

Interventions >> **New Intervention**

**Basic Information**

Attachments

Save

Title: *	<input type="text"/>	Start Date:	<input type="text"/>
Ministry: *	Ministry of Sustainable Developmen... ▾	End Date:	<input type="text"/>
Description: *	<input type="text"/>	Years:	<input type="text" value="0"/>
		Months:	<input type="text" value="0"/>
Climate Change Framework: *	Select Climate Change Framework ▾	Funding Agencies:	Select Options
Sector: *	Select Options	Executing Agency:	Select Executing Agency ▾
Currency: *	Select Currency ▾	Development Partner:	Select Development Partner ▾
Exchange Rate:	<input type="text" value="0.00"/>		
Exchange	<input type="text" value="2022-06-29"/>		

# LESSONS LEARNED

## Capacity Building



Capacity building is needed at sectoral levels

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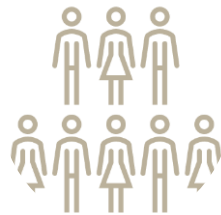
## Identifying gaps



Gaps need to be identified at the onset to know what is needed and how they can be addressed

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## Bottom-up approach



Integrating existing MRV mechanisms or practices in the national system and encouraged buy-in from stakeholders



THROUGH FURTHER  
SUPPORT FROM ICAT...

- 1 ————— Data visualization features
- 2 ————— Calculation engine for GHG emissions
- 3 ————— Climate finance MRV
- 4 ————— Inclusion of non-government entities

## NEXT STEPS

# THANK YOU. QUESTIONS?

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