

# National Policies & Plans where Environment, Climate Change and Disaster Indicators are required

Ministry of Sustainable Development, Climate Change &  
Disaster Risk Management

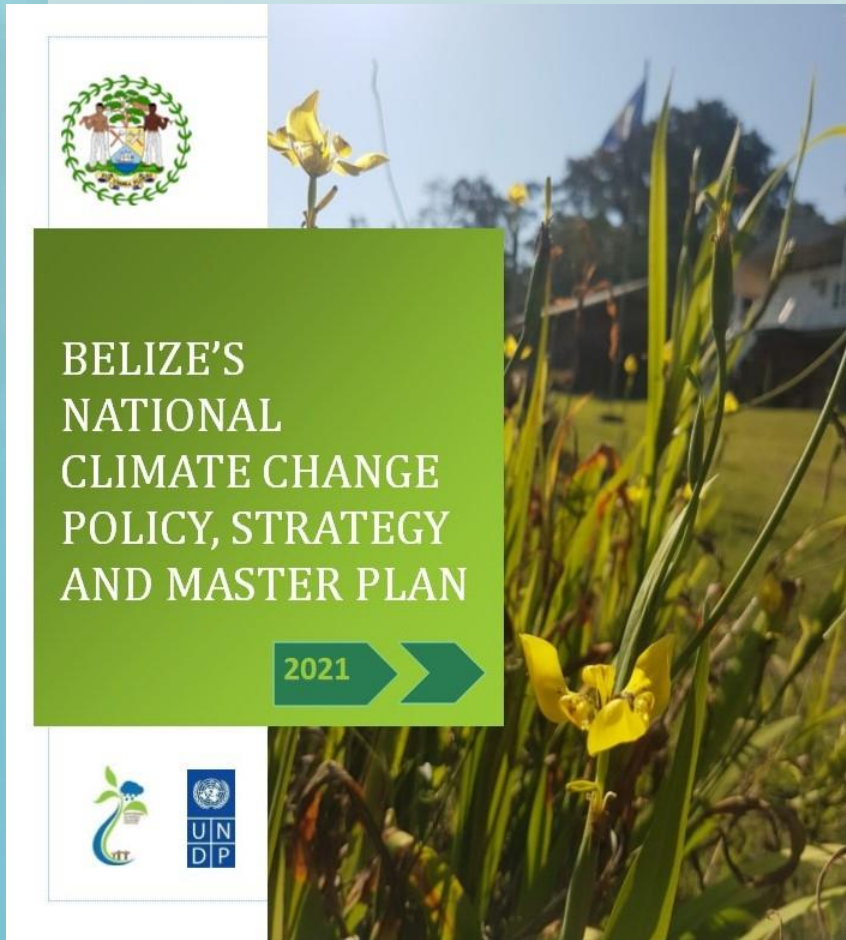


Ministry of Sustainable Development,  
Climate Change & Disaster Risk Management





**NCCO**



# National Climate Change Policy, Strategy & Master Plan (NCCPSMP)



# National Climate Change Policy, Strategy & Master Plan

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Completed December 2021;  
Revised for the period 2021 – 2025.

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Main overarching, national policy related to the Government of Belize's efforts to address climate change mitigation and adaptation.

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The Master Plan presents a five-year programme to build the capacity of Belize to mitigate GHG emissions and adapt to the challenges of climate change in an inclusive manner in line with long-term national development goals.

# Goal and Sectors of the NCCPSMP

Goal: to guide the short, medium and long-term processes of adaptation and mitigation of climate change in accordance with national prospects for sustainable development in addition to regional and international commitments.

Sectors covered include: Agriculture, Forest, Fisheries, Coastal Zone, Water, Infrastructure, Tourism, Health, Energy, Transport, Waste, Disaster Risk, Education

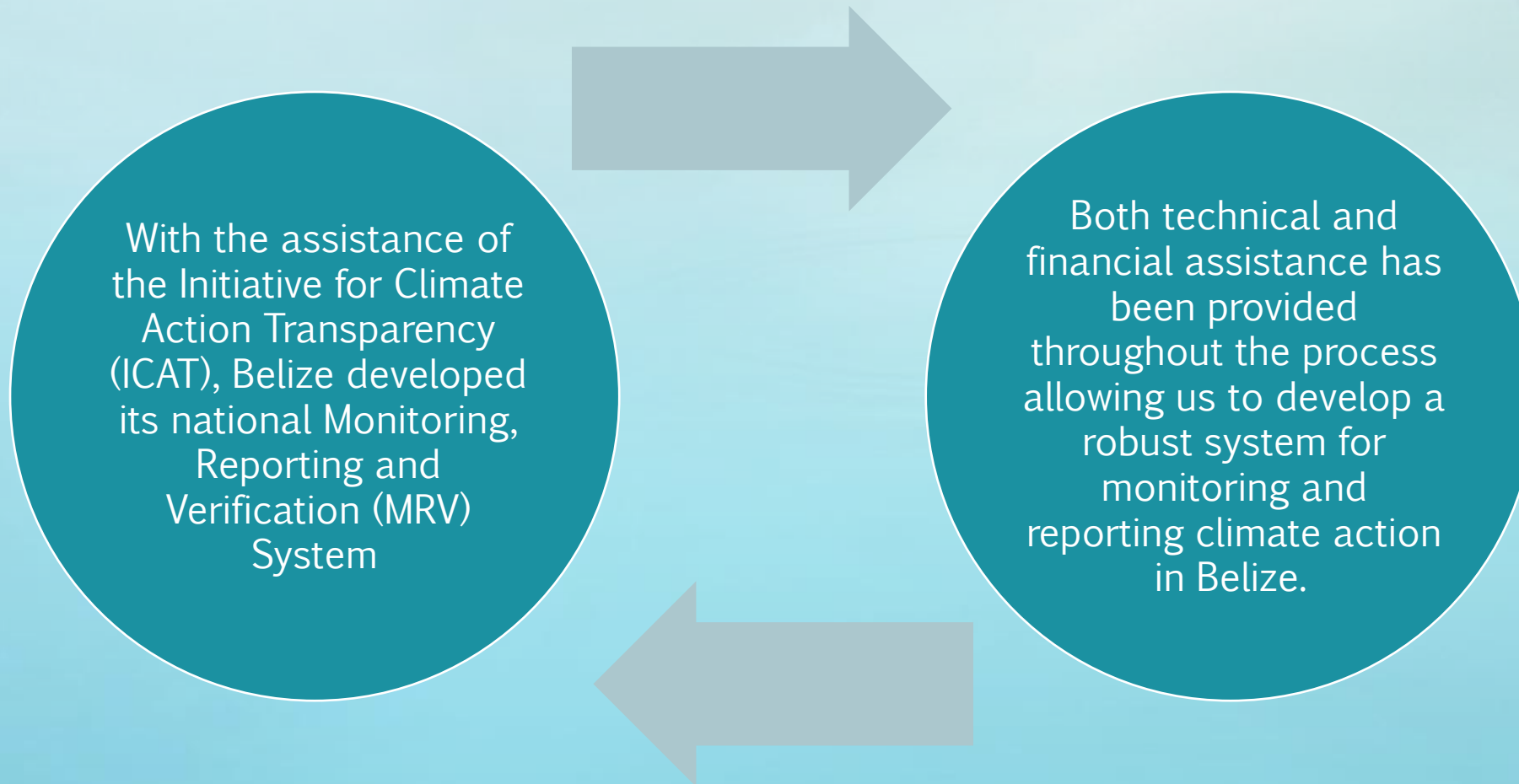
# National Climate Change MRV System

**Report on Formalised  
Reporting Protocols Between  
Institutions, Reporting  
Templates, and the  
Appointment of an MRV  
Platform**





# National MRV System



# National MRV System

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Developed 2022.

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Involves indicators to track the progress of achievement and implementation.

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Institutions and sector leads identified to facilitate tracking.

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Formalized institutional arrangements via MOUs with the sector leads.

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An online tool has been developed to facilitate tracking.

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Monitors all climate change actions – therefore all climate change frameworks.

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Currently, it will be piloted with the NDC, and then other policies will be included on the tool.



# Online MRV Platform

The screenshot displays the 'National Indicators' page in the Online MRV Platform. The navigation bar at the top includes 'Climate Change Frameworks', 'Indicators', 'Interventions', 'Activities', 'Monitoring Reporting', and 'Settings'. The breadcrumb trail shows 'Indicators >> National Indicators'. Below this, there are tabs for 'Targets', 'Actions', and 'Indicators', with 'Indicators' being the active tab. A 'New Target' button with a checkmark icon is visible. The page shows 'Showing 1 to 17 of 17 entries' and a search bar with the placeholder 'Type to filter results' and a 'CLEAR SEARCH' button. Below the search bar are input fields for 'Search Code', 'Search Description', 'Search Sector', and 'Search SDG Goal'. The main content is a table with columns for Code, Description, Sector, SDG Goal, Edit, and Delete. The table lists three indicators related to agriculture.

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 KtCO <sub>2</sub> e related to agriculturally driven land use change by 2025	Agriculture (AG)	13,15,2	<a href="#">EDIT</a>	<a href="#">DELETE</a>
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	<a href="#">EDIT</a>	<a href="#">DELETE</a>
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	<a href="#">EDIT</a>	<a href="#">DELETE</a>

# Climate Risk Information System (CRIS)



- CRIS is a tool developed to act as a data repository centre for all climate change related data
- It will be an area for sector leads to access information that may be needed to track their sector's indicators
- It will be outside the scope of the national MRV system
- All organizations, public and private, will be able to upload and access information

# Climate Risk Information System



The CRIS facilitates the integration of climate information into nationwide planning processes by coordinating the development, archiving and use of climate information.

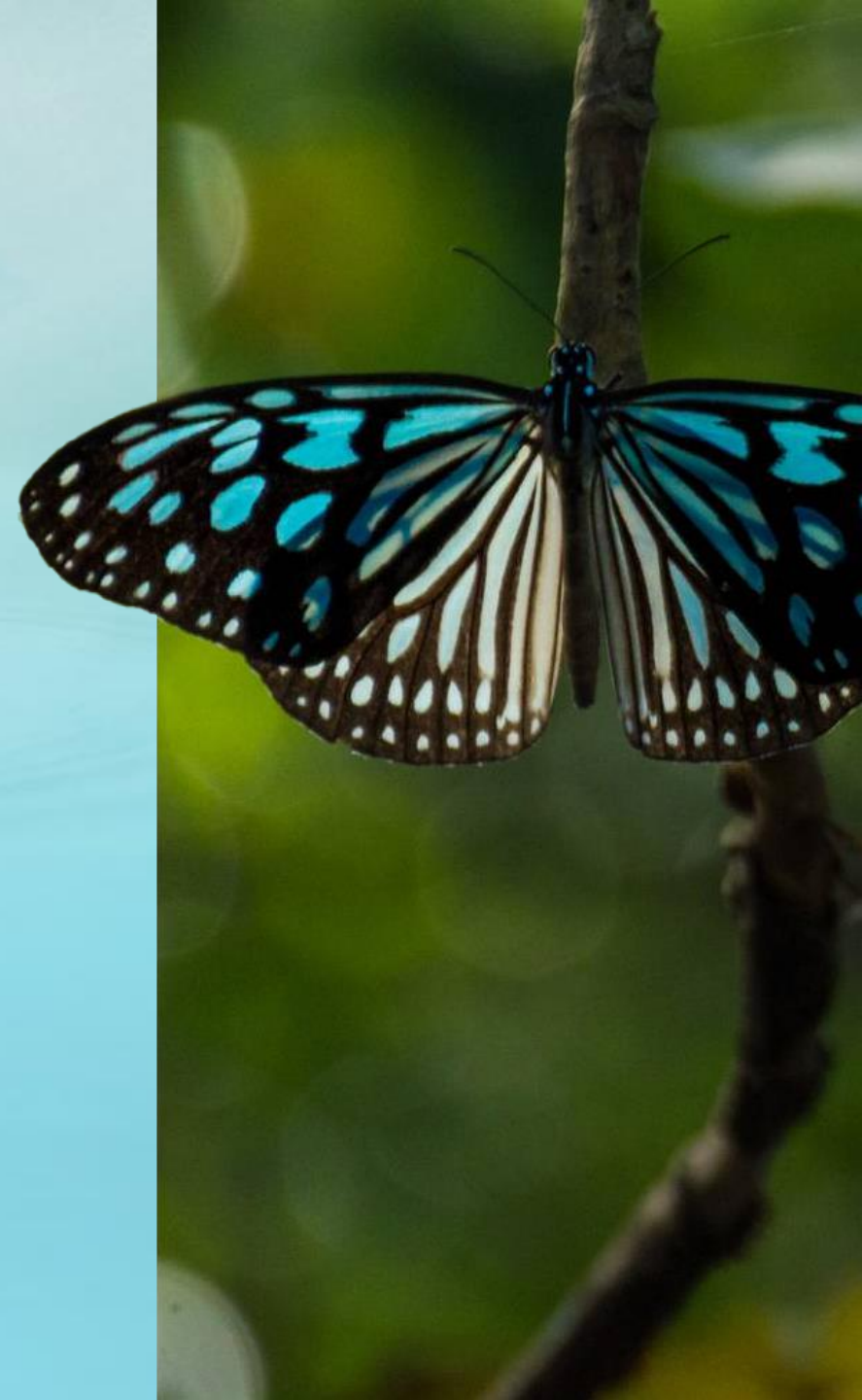
# Screenshots

The screenshot displays the CRIS website interface. At the top right, there is a "Dataverse Login" link. The main navigation bar includes the NCCO logo (National Climate Change Learning Office), a search box labeled "Search file..", and links for "Home", "News", "About CRIS", and "Contact Us". Below the navigation bar is a row of six category buttons: "Climate Risk", "Adaptation", "Mitigation", "Green House Gas Inventory", "Climate Finance", and "Reporting Structures". The "Mitigation" button is currently selected. Below the category buttons, the word "MITIGATION" is displayed in large, blue, uppercase letters. At the bottom, there is a "Filter" dropdown menu and a horizontal list of sub-categories: "Policies", "Projects", "Technology", "Research", and "Capacity Building". The "Policies" sub-category is currently selected.



# DOE

National legislation, policies and plans where environment, climate change and disaster indicators are required

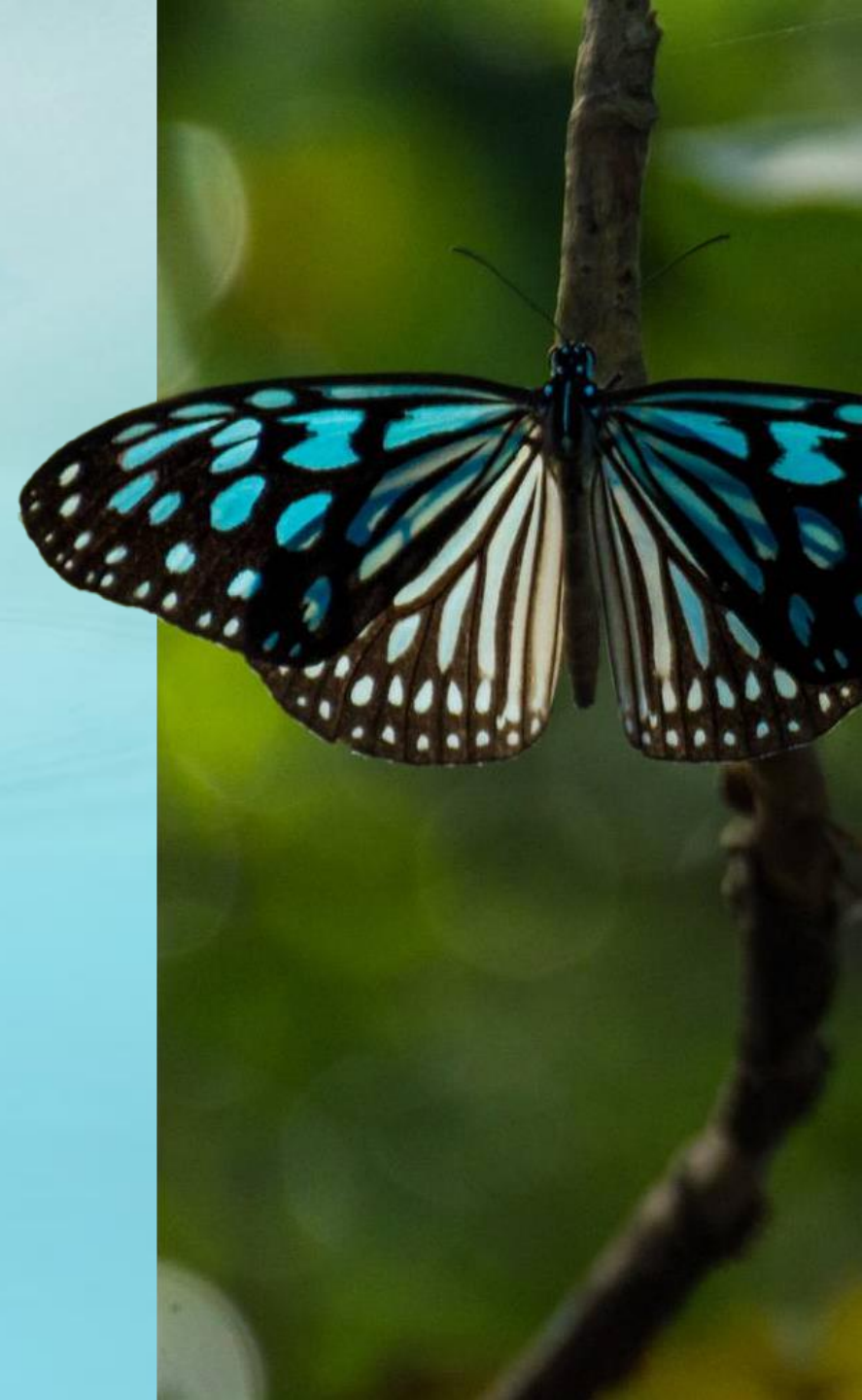




# ENVIRONMENTAL PROTECTION ACT AND REGULATIONS

## Environmental Protection Act:

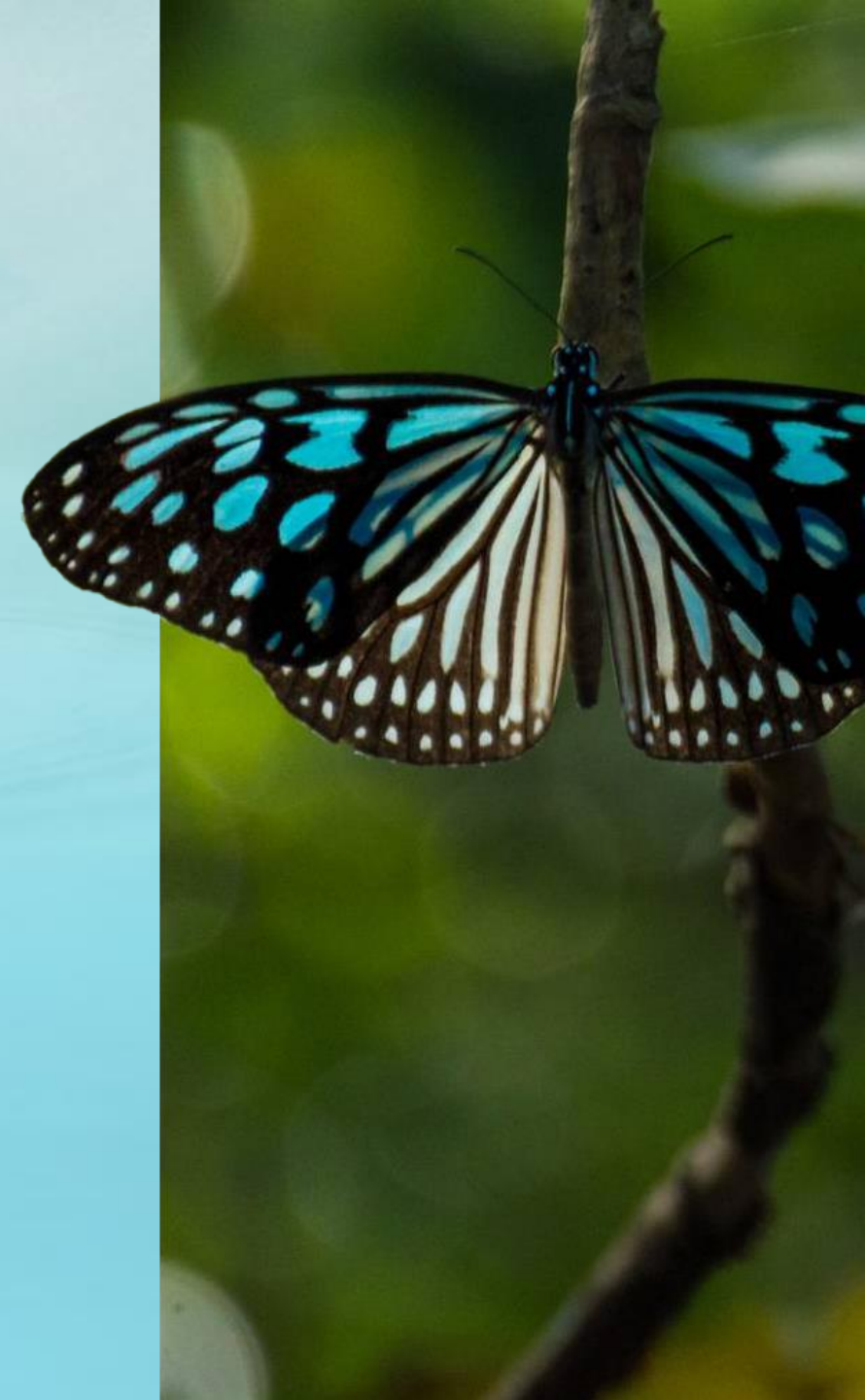
- Establishes the Department of the Environment with the following key responsibilities related to this topic:
  - ✓ advise the Government on the formulation of policies relating to good management of natural resources and the environment
  - ✓ provide decision-making with the necessary information so as to achieve long-term sustainable development
  - ✓ monitor trends in the use of natural resources and their impact on the environment
  - ✓ play a major role in providing the direction for long-term sustainable development based on the promotion or incorporation of ecological concerns in the economic development process



# ENVIRONMENTAL PROTECTION ACT AND REGULATIONS

## Environmental Impact Assessment Regulations:

- Calls for environmental clearance be granted by the DOE for a project, undertaking, programme, policy or activity, including the need to carry out relevant studies such as an EIA or LLES.
  - ✓ Every project, programme or activity shall be assessed with a view to the need to protect and improve human health and living conditions and the need to preserve the reproductive capacity of ecosystems as well as the diversity of species
  - ✓ An EIA identifies, predicts, evaluates, mitigates and manages the environmental, and key social and economic impacts of the development projects, undertakings, programmes, policies or activities
  - ✓ Projects requiring environmental clearance require climate change and disaster risk management issues to be addressed



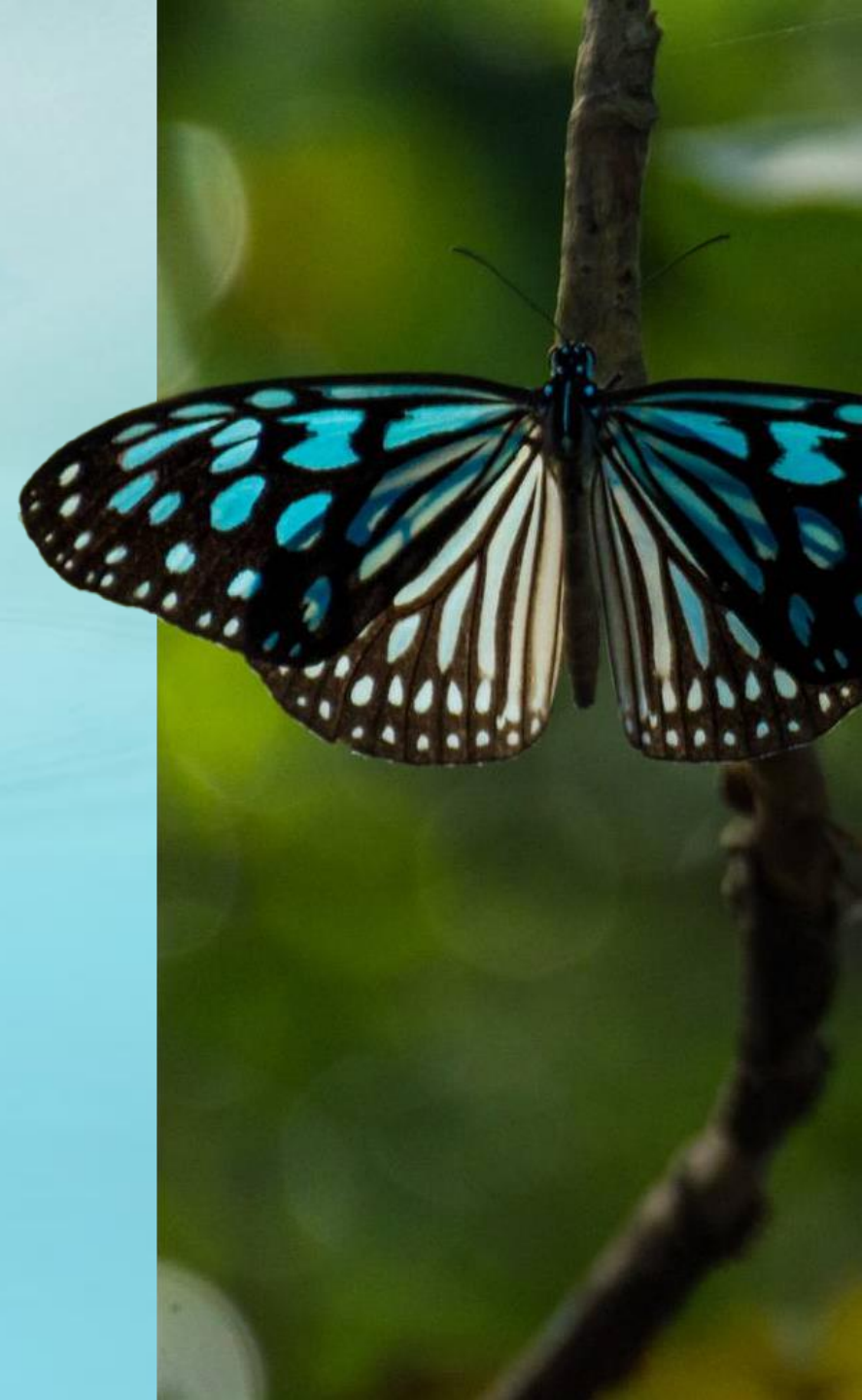


# ENVIRONMENT STATISTICS PROGRAM

In 2018, the mandate for the implementation of the Environment Statistics Program was officially transfer to the DOE from the Lands and Surveys Department.

The Role of the unit include:

- i. Keep regular monitoring of the DOE Database, information systems, and statistical data
- ii. Develop and organize baseline data in key thematic areas for the DOE and conduct analytical reports for baseline data
- iii. Identify environmental issues, risks, and advise to development of policies to aid in environmental safeguarding
- iv. Provide researchers and the general public with up-to -date information on the environment in areas such as water quality, air quality, development trends and statistics



# NATIONAL ENVIRONMENTAL POLICY AND STRATEGY (NEPS, 2014-2024) AND ACTION PLAN (NEAP, 2022-2026)

## A GREEN BELIZE

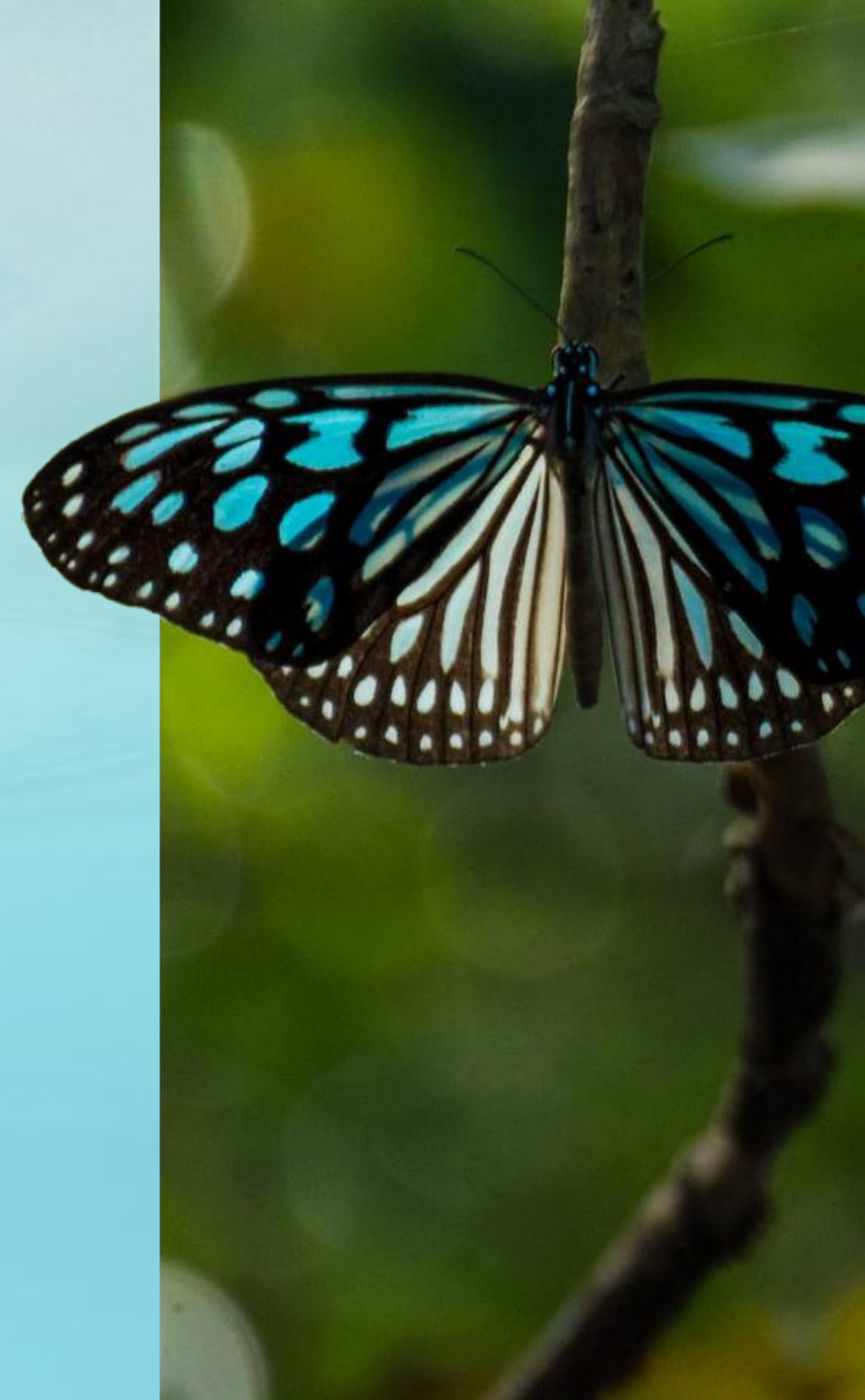
To address those issues related to the management of the natural resources in Belize through strategic actions: to develop a new and robust forest policy that aims to use the forest and other natural ecosystems and to ensure the integrated management of Belize's water resources

## A CLEAN BELIZE

To maintain a Clean Belize, free of litter and pollution where our inland and coastal waters, air and land are free from contamination, enabling our people and visitors to enjoy an unspoiled and healthy environment: To improve waste management and to reduce air pollution from Vehicular Emissions and Illicit Burnings

## A STRONG BELIZE

Emphasize good governance within Belize that will enforce environmentally sound policies, steer individuals/societies into productive out-comes and promote sustainable use of the environment: to enhance capacities for effective policy development, implementation, and maintenance and to strengthen knowledge management capacity.



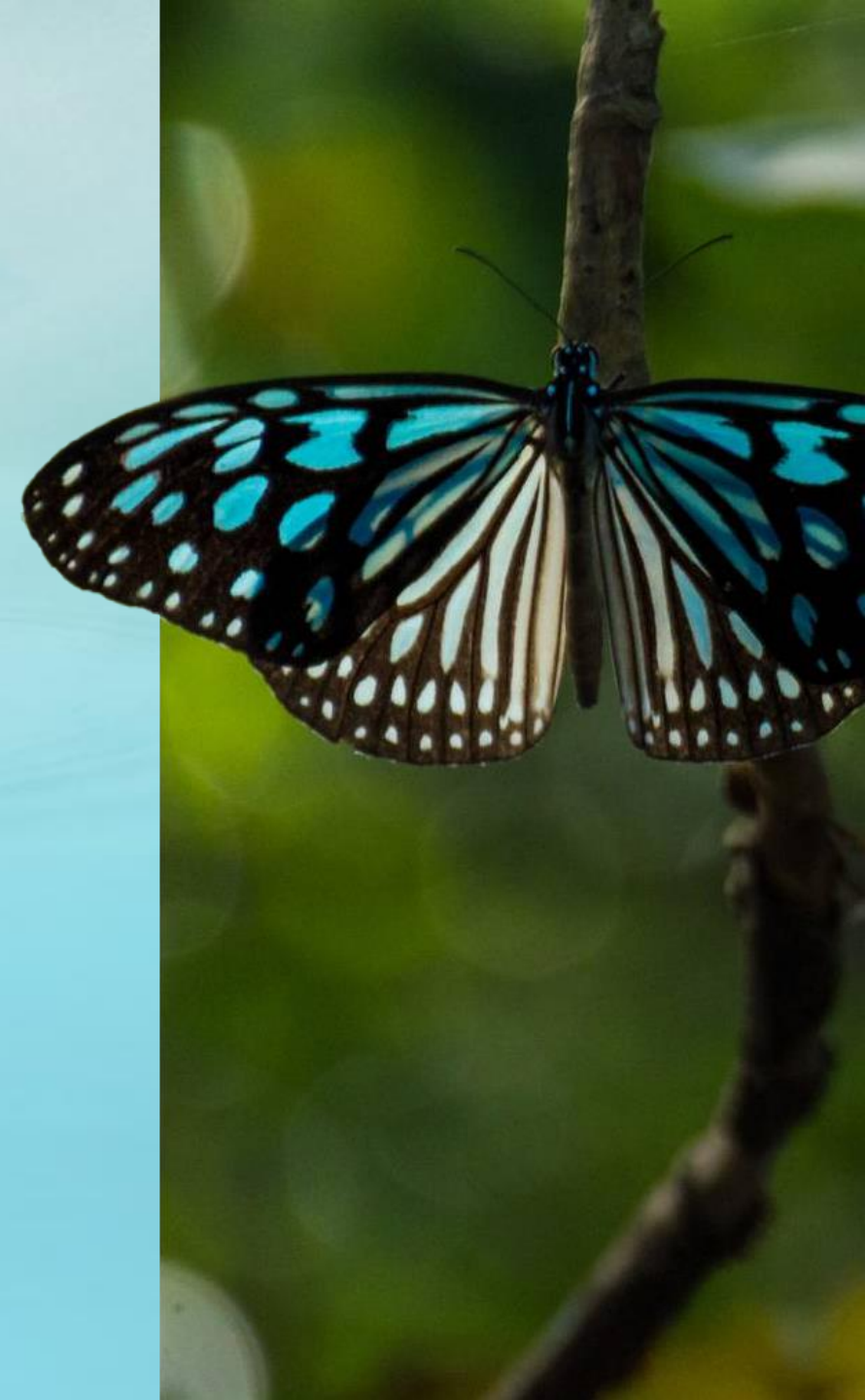
# NATIONAL ENVIRONMENTAL POLICY AND STRATEGY (NEPS, 2014-2024) AND ACTION PLAN (NEAP, 2022-2026)

## A RESILIENT BELIZE

- I. To better prepare Belize to cope with the effects of future shocks that may be caused by more frequent and intense natural disasters, more volatile weather patterns and technological hazards.
- II. To make Belize resilient by committing to policies for Disaster Risk Reduction and Climate Change Adaptation.

## INDICATORS

1. Reduce the vulnerability of 100% of identified communities
2. Enhance the capacity of institutions by at least 75% to effectively translate policies/programmes/projects into meaningful results.
3. The Development and Effective Implementation of a Climate Change Adaptation Action plan in tandem with the associated policy.
4. Strengthen the adaptive and mitigative capacities of Belize's competitive Agriculture Sector to remain resilient to the impact of Climate Change through the implementation of the National Adaptation Strategy to Address Climate Change in the Agricultural Sector by 2026.

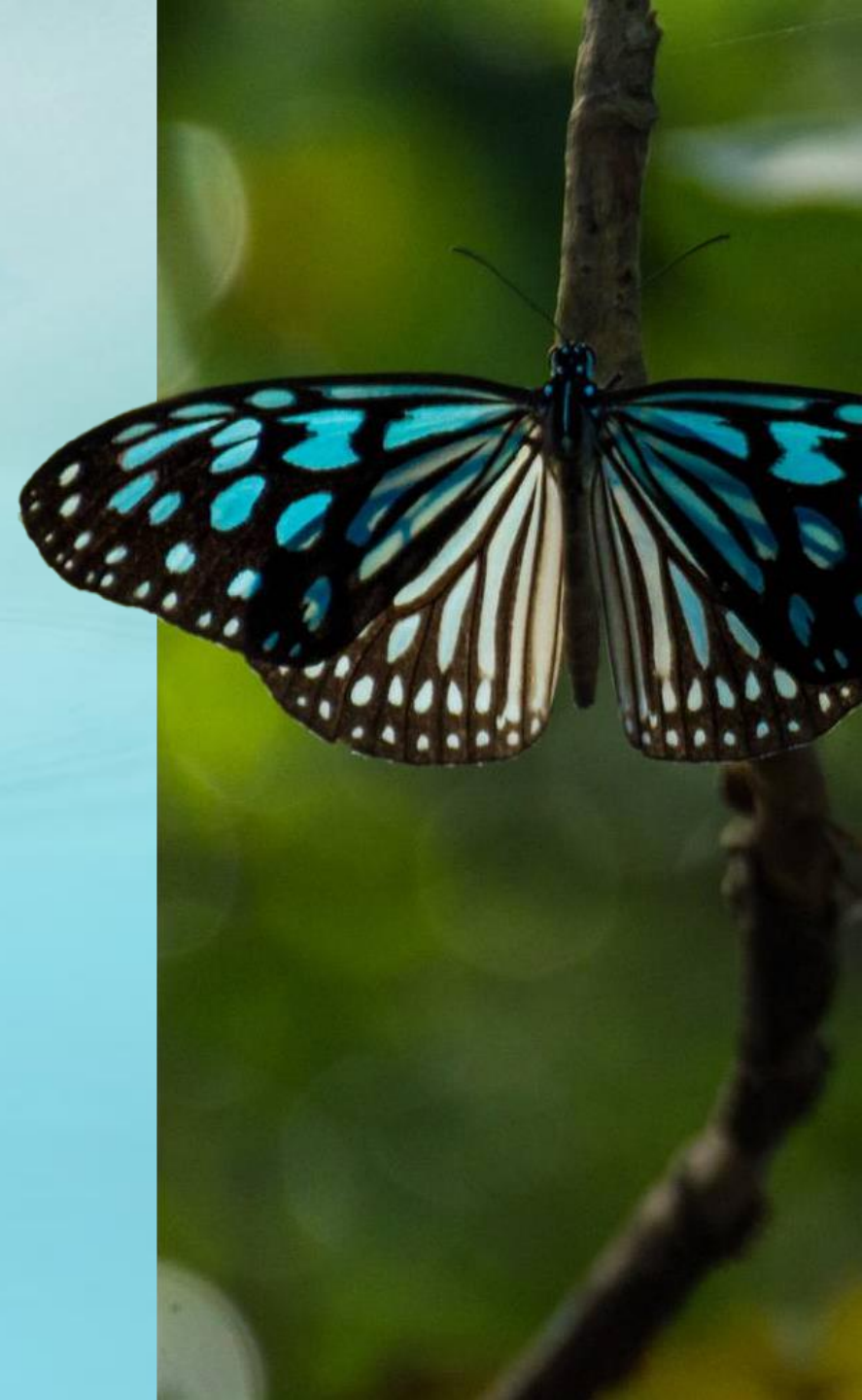




# GEO BELIZE 2023 REPORT

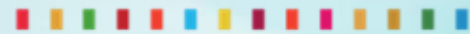
UNEP, UB and DOE partnership for the development of the 2<sup>nd</sup> GEO Belize report scheduled to be completed by 2023

Climate change and disaster risk management indicators can be reported





# SDU



SUSTAINABLE DEVELOPMENT UNIT



**PBMTDS  
2021-2025  
(Draft)**



# Plan Belize Medium Term Development Strategy (PBMTDS)





# Plan Belize MTDS

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Initiated July 2021; National Validation Workshop November 2022

Aligned to Agenda 2030 and its 17 SDGs

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## Strategic Objectives:

1. Poverty Reduction
2. Economic Transformation
3. Trade Deficit
4. Citizen Security
5. Protection of the Environment
6. Good Governance

# Belize National Statistical System (BNSS)

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Developed 2018.

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Involves national indicators – NSS, SDGs, NCA, MTDS

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Focal points have been identified

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2 portals – users and producers (credentials)

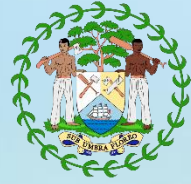
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The 2021 data collection is ongoing

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The screenshot shows the homepage of the Belize National Statistical System (BNSS) portal. The page features a dark blue header with the BNSS logo and a search bar. A left-hand navigation menu lists various categories: Home, GSDS, SDG, NSS, and Children's Agen. The main content area is titled "Home" and includes a welcome message: "Welcome to the Belize National Statistical System Portal". Below this, there is a prompt to "Select indicator in the left-hand menu". The BNSS logo is prominently displayed, featuring a stylized map of Belize and a bar chart. A paragraph of text explains that the BNSS is a network of agencies producing national statistics for Belize, with the Statistical Institute of Belize as the designated coordinator. A final line states that the portal is the official source for indicators and metadata for the country.



Ministry of Sustainable Development,  
Climate Change & Disaster Risk Management



# Thank you!

For the NCCPSMP, MRV, or CRIS, kindly contact Ms. Kamil Salazar, MRV Officer, NCCO – [mrvofficer.cc@environment.gov.bz](mailto:mrvofficer.cc@environment.gov.bz)

*For Environment Statistics, kindly contact Mr. Edgar Ek – [deputy@environment.gov.bz](mailto:deputy@environment.gov.bz)*

For the SDGs, MTDS or BNSS, kindly contact Mrs. Darlene Haylock Senior Sustainable Development Officer, SDU – [so.susdev@environment.gov.bz](mailto:so.susdev@environment.gov.bz)