

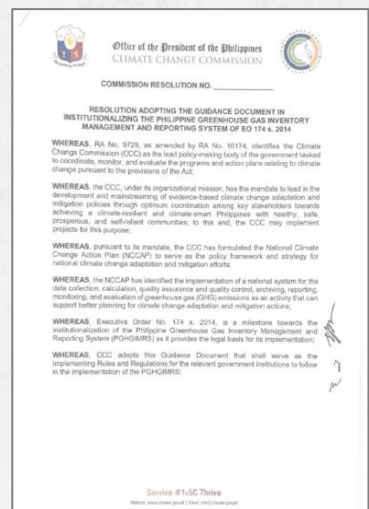
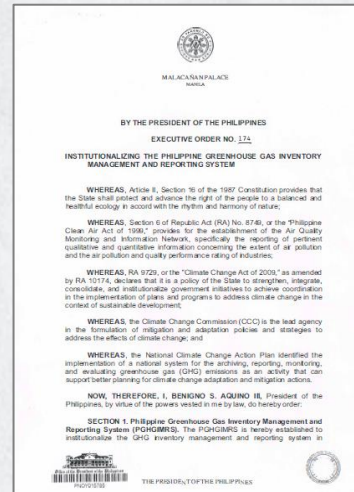
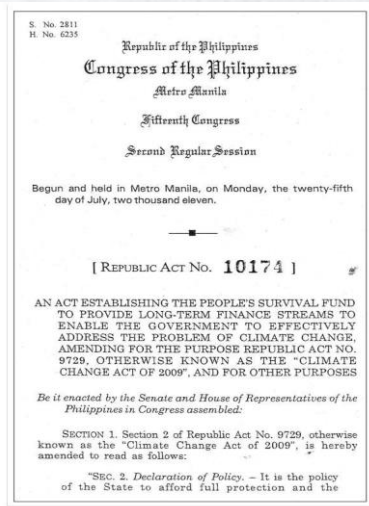


Overview of the Philippine National GHG Inventory

PGHGIMRS Secretariat
Implementation Oversight Division
iod@climate.gov.ph || (02) 8254-7056

Legal Bases

- **Climate Change Act, as amended:** Mandates the CCC to formulate strategies to mitigate GHG emissions
- **Executive Order No. 174, s.2014:** Institutionalizes the GHG inventory management and reporting system
- **CCC Resolution 2018-003: Guidance Document** Provides guidance to agencies in preparing and submitting GHGI
- **CCC Office Order 2019-122:** Institutional arrangements within CCC to implement E.O. 174



Background on EO 174



Climate Change Commission



Department of Environment & Natural Resources

waste, IPPU, FOLU



Department of Energy

energy



Department of Transportation

transport



Department of Agriculture & Philippine Statistics Authority

agriculture

Philippine Statistics Authority

local government units

academe

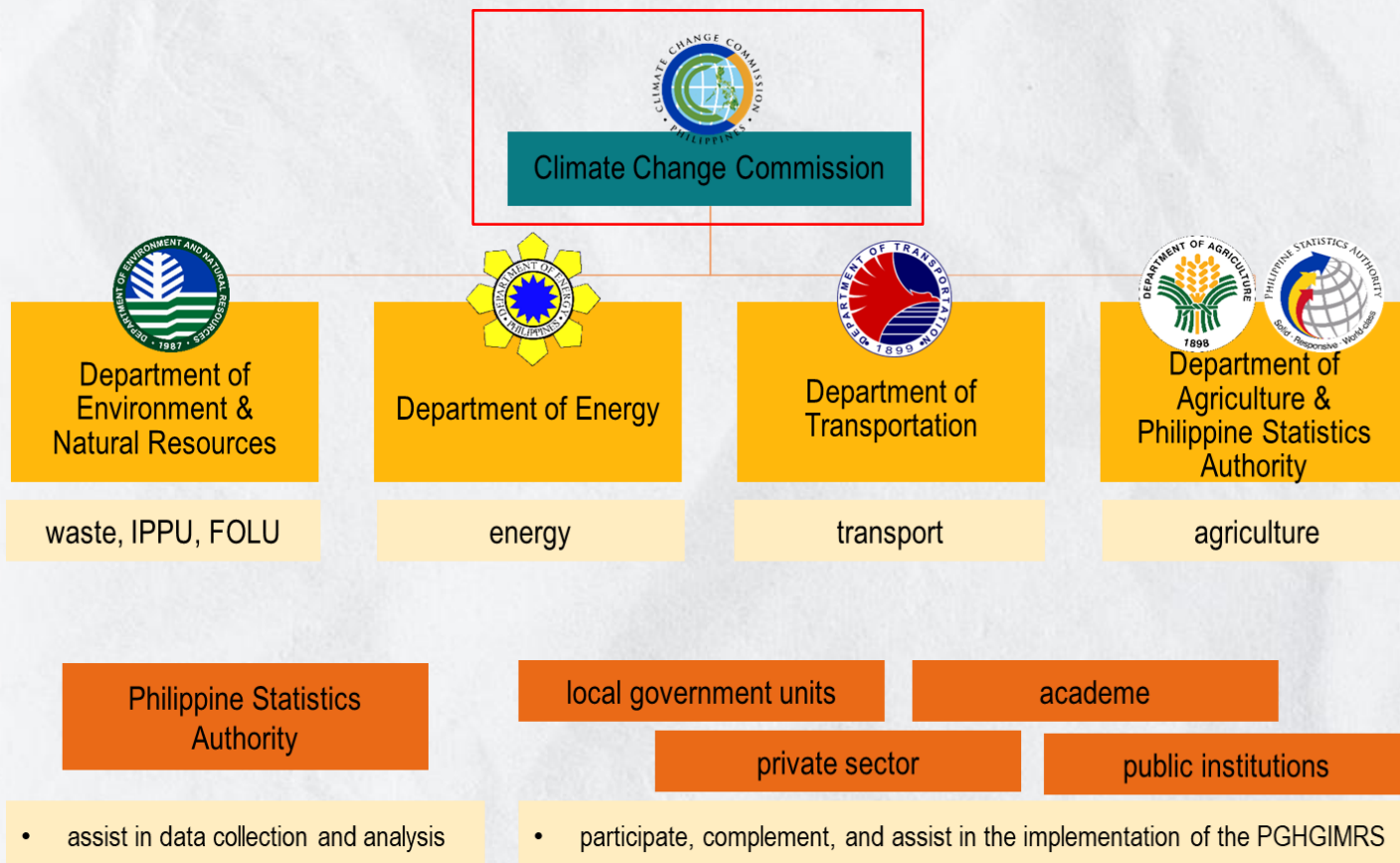
private sector

public institutions

- assist in data collection and analysis

- participate, complement, and assist in the implementation of the PGHGIMRS

Background on EO 174



OVERALL LEAD IN NATIONAL GHGI

1. Provide direction and guidance
2. Develop archiving, reporting, monitoring and evaluating GHGI
3. Provide continuous capacity building
4. Conduct the National GHGI QA/QC

Background on EO 174



Climate Change Commission



Department of Environment & Natural Resources

waste, IPPU, FOLU



Department of Energy

energy



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transport



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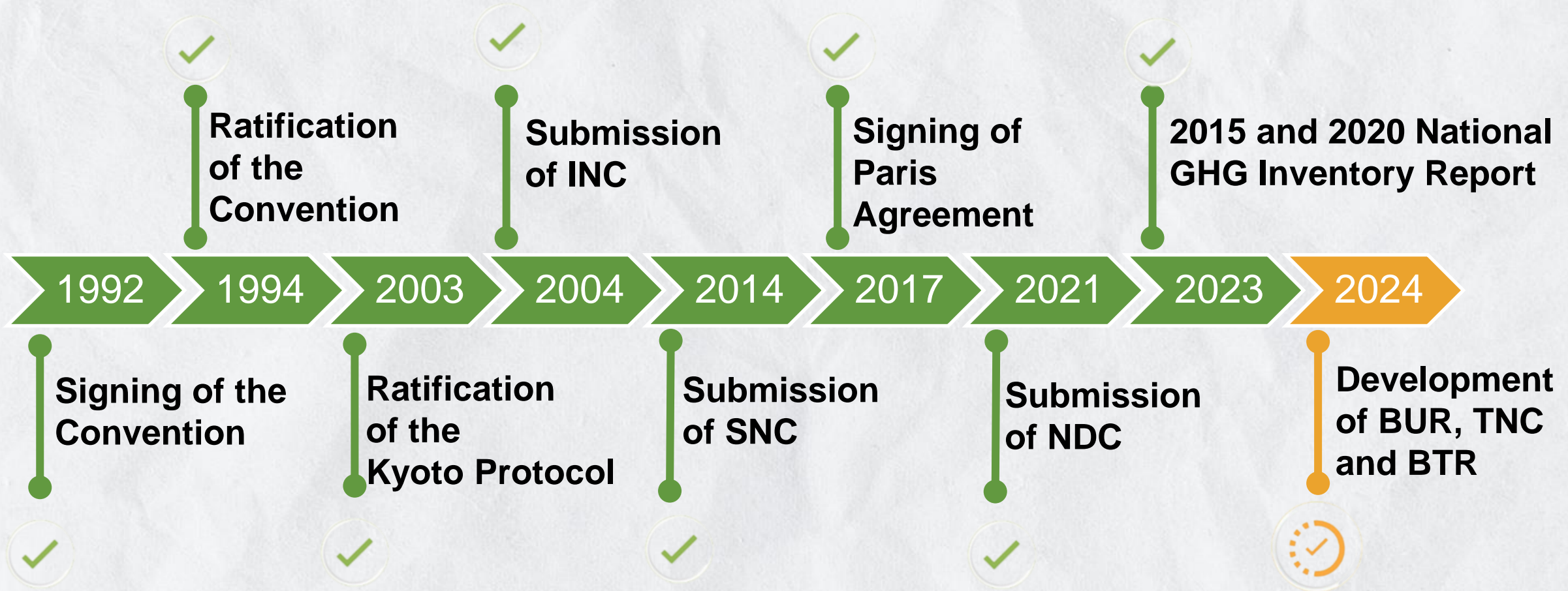
public institutions

- participate, complement, and assist in the implementation of the PGHGIMRS

ROLES OF LEAD AGENCIES

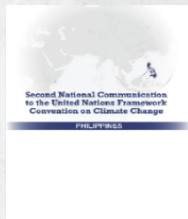
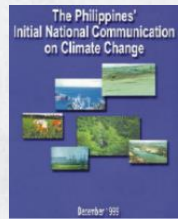
1. Conduct and monitor sector-specific GHG inventory
2. Report GHGI to CCC based on agreed reporting scheme and timeline

Philippine-UNFCCC Timeline



Snapshot of PH GHG Initiatives

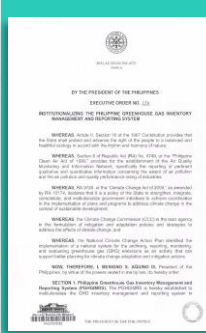
2 NATIONAL COMMUNICATIONS submitted (2004 & 2014)



EO 174

Philippine Greenhouse Gas Inventory Management & Reporting System

6 Legal issuances creating GHG inventory teams in various EO-174 agencies

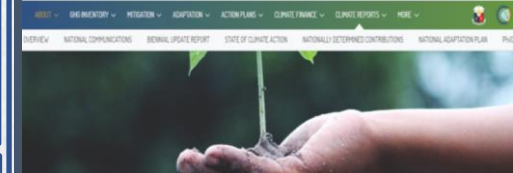


AWITFE
sectors covered

Agriculture Waste IPPU
Transport FOLU Energy

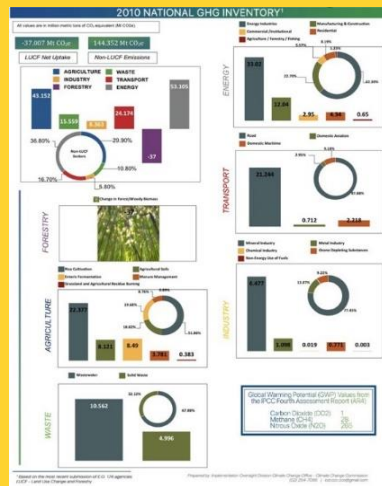
transparency system for climate action and support

NATIONAL INTEGRATED CLIMATE CHANGE DATABASE AND INFORMATION EXCHANGE SYSTEM



niccdies.climate.gov.ph/

1994 2000 2010
1996 IPCC GL. 1996 IPCC GL. 2006 IPCC GL



NATIONAL INVENTORY REPORTS



5 NATIONAL GHGI TOOLS

- EO 174 Guidance Document
- Sectoral GHGI Templates
- GHG Data Checklist
- QA/QC Critical Fixes Tool
- QA/QC Stocktake Tool

50+

GHGI capacity building activities

20+

IPCC 2006 GHG trainings

2015 INDC submitted

2021 NDC submitted



Summary of GHG Inventory

Year	1994	2000	2010	2015	2020
Methodology Used	1996 IPCC	1996 IPCC	2006 IPCC	2006 IPCC	2006 IPCC
Global Warming Potential	AR2	AR2	AR4	AR5	AR5
Sector GHG Emissions (GgCO ₂ e)					
Energy (with Transport)	50,038	69,667	77,279	106,143	129,286
Industry/IPPU	10,603	8,610	8,363	15,297	16,772
Agriculture	33,130	37,003	43,152	52,704	54,080
FOLU/ LULUCF	-126	-105,111	-37,007	35,668	-25,935
Waste	7,094	11,599	15,559	23,176	30,122
Total (without FOLU)	100,864	126,879	144,352	197,319	230,260
Total (with FOLU)	100,738	21,767	107,345	232,988	204,325

Philippine GHG Inventory as Basis for Planning and Policy Development



REPUBLIC OF THE PHILIPPINES
Nationally Determined Contribution
Communicated to the UNFCCC on 15 April 2021

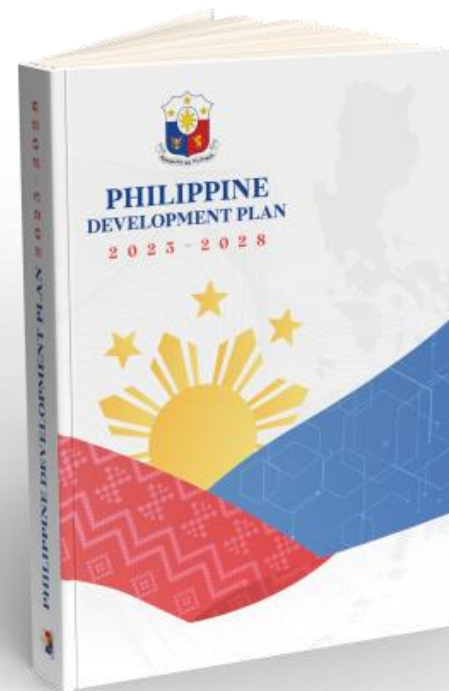
The Republic of the Philippines submits its Nationally Determined Contribution (NDC) in accordance with Decision 1/CP.21 of the Conference of Parties of the United Nations Framework Convention on Climate Change (UNFCCC).

The Philippines' NDC supports the country's national development objectives and priorities of sustainable industrial development, poverty eradication and inclusive growth, energy security, and social and climate justice, and the transformation of its socio-economic sectors towards a climate and disaster-resilient and low carbon economy.

The Philippines shares the view that the NDC is a means to communicate opportunities for transforming our world with gender-responsive sustainable development options through the commitment of Parties to support and complement each other's endeavors in accordance with the partnership arrangement under the UNFCCC and the Paris Agreement.

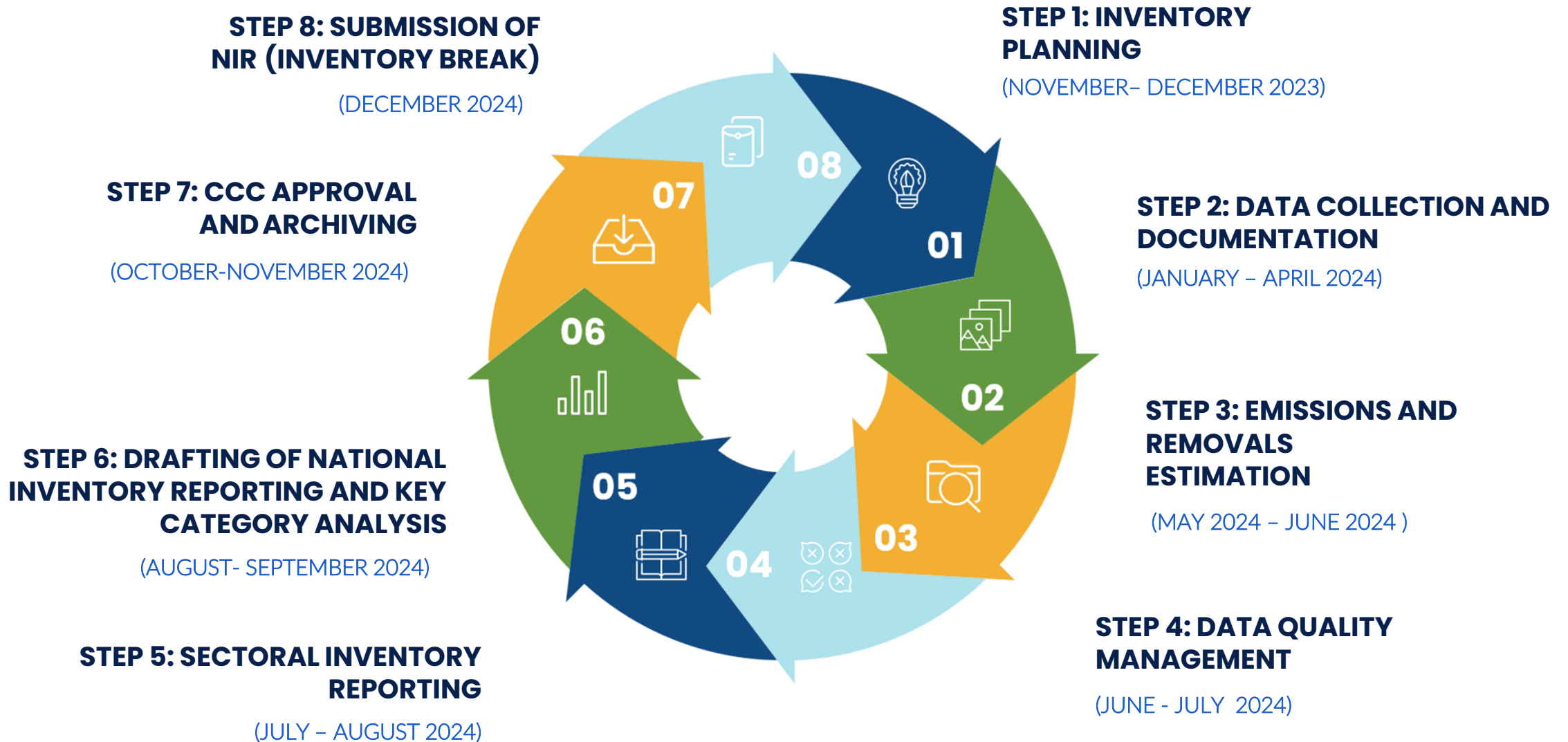
Developed through a whole-of-government-and-society approach, the Philippines' NDC upholds the importance of meaningful participation of women, children, youth, persons with diverse sexual orientation and gender identity, differently abled, indigenous peoples, elderly, local communities, civil society, faith-based organizations, and the private sector, and recognizes the indispensable value of inclusion and collaborative participation of local governments in implementing climate actions. It shall enable a market signal to support local and foreign direct green investments. The NDC recognizes the private sector as the country's main engine of economic growth and transformation, and promotes its full engagement in climate change adaptation and mitigation.

Philippine NDC (2021)



Philippine Development Plan
2023-2028 (Chapter 15)

2022 PHILIPPINE GHG INVENTORY CYCLE





**CLIMATE CHANGE
COMMISSION**

Image Source: Philippine Star

**THANK
YOU!**

