



COMMISSION RESOLUTION NO. 2023-005

ADOPTING THE 2015 AND 2020 NATIONAL GREENHOUSE GAS INVENTORY REPORT

WHEREAS, the Philippines, as a Party to the United Nations Framework Convention on Climate Change (UNFCCC), shall develop, periodically update, publish and make available to the Conference of the Parties, national inventories of anthropogenic emissions by sources and removals by sinks of all greenhouse gases (GHG) not controlled by the Montreal Protocol, using comparable methodologies to be agreed upon by the Conference of the Parties;

WHEREAS, observing the country's reportorial commitments and obligations to the UNFCCC, the Philippines communicated to the UNFCCC the 1994 and 2000 National GHG Inventory Reports, as part of the First National Communication and the Second National Communication, respectively;

WHEREAS, Republic Act (RA) No. 9729, as amended by RA No. 10174, created the Climate Change Commission (CCC) to be the lead policy-making body of the government tasked to coordinate, monitor, and evaluate the programs and action plans relating to climate change pursuant to the provisions of the Act;

WHEREAS, pursuant to Section 13 of RA 9729, as amended, the National Climate Change Action Plan (NCCAP) was formulated to serve as the policy framework and strategy for national climate change adaptation and mitigation efforts;

WHEREAS, the NCCAP has identified the implementation of a national system for the data collection, calculation, quality assurance and quality control of, archiving, reporting, monitoring, and evaluation of GHG emissions as an activity that can support better planning for climate change adaptation and mitigation actions;

WHEREAS, Executive Order No. 174 series of 2014 established the Philippine Greenhouse Gas Inventory Monitoring Report System (PGHGIMRS) to institutionalize the GHG inventory management and reporting system in government agencies to enable the country to transition towards climate-resilient pathway for low carbon development;

WHEREAS, in the above-mentioned executive issuances, the following agencies were designated as the lead sectoral agencies: Department of Agriculture (DA) and Philippines Statistics Authority (PSA) for the Agriculture sector; Department of Environment and Natural Resources (DENR) for the Industrial Processes and Products Use (IPPU), Waste, and Forestry and Other Land Use (FOLU) sectors; Department of Transportation (DOTr) for the Transport sector; and Department of Energy (DOE) for the Energy sector;

WHEREAS, to operationalize Executive Order No. 174 series of 2014, the CCC, as the overall lead agency of the PGHGIMRS, adopted Commission Resolution 2018-003 that serves as a Guidance Document in institutionalizing the Philippine Greenhouse Gas Inventory Management and Reporting System;

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WHEREAS, the PGHGIMRS agencies conducted the 2010 National GHG Inventory data, which was used to determine the figures for the first Philippine Nationally Determined Contributions (NDC) communicated to the UNFCCC last 15 April 2021;

WHEREAS, the CCC together with the PGHGIMRS Sectoral Lead Agencies commenced the 2015 and 2020 National GHG Inventory process with the intention of including the 2020 National GHG Inventory in the first Philippine Biennial Update Report to be submitted on or before 31 December 2023;

WHEREAS, upon completion of the process for the 2015 and 2020 GHG Inventory Cycle of the PGHGIMRS, the net emission for 2015 is **232,988** gigagrams of carbon dioxide equivalent (GgCO_{2e}) and for 2020 is **204,325** GgCO_{2e};

NOW, THEREFORE, BE IT RESOLVED, that the CCC adopts the results of the 2015 and 2020 National GHG Inventory developed by the PGHGIMRS (*attached as Annex A*);

RESOLVED FURTHER, that the CCC shall prepare information, education and communication (IEC) materials to communicate the results of the 2015 and 2020 National GHG Inventory to relevant stakeholders;

RESOLVED FINALLY, that the PGHGIMRS, shall commence the 2022 National GHG Inventory by November 2023, as part of the development of the first Philippine Biennial Transparency Report, a reportorial requirement of the Philippines as Party to UNFCCC.

APPROVED this 20th day of Dec. 2023, in Manila, Philippines.


MARIA ANTONIA YULO-LOYZAGA
Official Representative of the Chairperson to the CCC




ROBERT E.A. BORJE
Vice Chairperson


ALBERT P. DELA CRUZ, SR.
Commissioner


RACHEL ANNE S. HERRERA
Commissioner

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Year	2015				
Greenhouse Gas	CO ₂	CH ₄	N ₂ O	HFCs	Sector Total
Units	GgCO ₂ e				
Energy	102,496	2,605	1,043	–	106,143
Energy without Transport	71,774	2,555	565	–	74,894
Transport	30,722	50	477	–	31,249
IPPU	13,032	30	–	2,234	15,297
Agriculture	570	37,852	14,281	–	52,704
Forestry and Other Land Use	35,668	–	–	–	35,668
Forestry	-65,299	–	–	–	-65,299
Other Land Use	100,967	–	–	–	100,967
Waste	2	22,106	1,068	–	23,176
Total GHG Emissions	151,769	62,593	16,391	2,234	232,988

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Year	2020				
Greenhouse Gas	CO ₂	CH ₄	N ₂ O	HFCs	Sector Total
Units	GgCO ₂ e				
Energy	124,762	3,046	1,477		129,286
Energy without Transport	95,867	3,001	987	–	99,854
Transport	28,896	46	490	–	29,431
IPPU	13,666	28	–	3,078	16,772
Agriculture	765	38,434	14,881	–	54,080
Forestry and Other Land Use	-25,935				-25,935
Forestry	-71,355	–	–	–	-71,355
Other Land Use	45,420	–	–	–	45,420
Waste	0	28,646	1,476	–	30,122
Total GHG Emissions	113,259	70,155	17,833	3,078	204,325

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