



GLOBAL RESEARCH ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

PHILIPPINES



Country Updates on GHG Inventories from
Livestock

GHG Inventory for Agriculture: PHILIPPINES

- Policy documents: Executive Order (E.O. 174) signed by the President that mandates the establishment of the Philippine Greenhouse Gas Inventory and Management System; its Implementing Rules and Regulations; and PGHGIMRS Reference Manual
- EO 174, Section 2 of the Executive Order discusses the role of the **Climate Change Commission as the overall lead in the implementation**
- The Executive Order No. 174 identified five national agencies and their sub-units as lead agencies for the GHG inventory sector: Department of Agriculture (DA) and the Philippine Statistics Authority (PSA) for the agriculture sector. In 2017, a Special Order No. 2017-10NS-1499, the Philippine Statistics Authority GHG Inventory Team was reconstituted
- Sources of GHG emissions in Agriculture - Emissions from domestic livestock such as: Methane from Enteric Fermentation, Methane Emissions from Manure Management and Nitrous Oxide Emissions from Manure Management for Tier 1
- Domestic livestock population data was provided by the Livestock and Poultry Statistics Division (LPSD) of the Philippine Statistics Authority
- Participation in various capacity buildings both international and local

Improvement Plan

Category	Problem Area (Identify applicable PGHGIMRS process, e.g. Data documentation, Data Quality, Archiving etc.)	Description (describe problem here)	Potential Solutions (describe solution/s here)	Level of Priority (High/medium/low)
Manure Management	Data Availability	No data on the manure management	It was suggested during the Validation Workshop that this may be included in agricultural censuses or surveys.	Medium
Excretion Rate	Data Availability	No information on typical mass by age of livestock and poultry	Typical mass pertaining to the marketable size and age were used.	Low
Emission Factors	Data Quality	Absence of country-specific emission factors.	Use of default factors based on the 2006 IPCC guidelines; research initiatives to generate/develop country-specific emission factors	Medium
Institutional Arrangement	Over-all Process	Data availability from the source agencies; delineation of tasks	Creation of Task Force for Greenhouse Gas Inventory for Agriculture Sector	High

Maraming Salamat Po!

Thank you!



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