



GLOBAL
RESEARCH
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

[Bangladesh]
Country Report
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Input to 2025 Livestock Research Group Meeting
Nairobi, Kenya

Relevant activities

- *Ruminant Methane measurement in selected areas of Bangladesh done by FAO-Bangladesh and LLDP, Directorate of Livestock services.*
- *Estimation of average body weight of different categories cattle population.*
- *Estimation of cattle feed intake in different climatic zone of Bangladesh.*
- *Methane ranking of different feed additives like red sea weed, aquatic weed.*
- *Methane ranking of different ruminant animal like goat and sheep.*

Future priorities

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- *In vivo methane estimation of different ruminant animal like cattle, Goat with different feeding system.*
- *Establish gold standard in vivo methane estimation system in research institute and universities.*
- *Livestock population data with different production state of animal.*
- *Nationwide Animal body weight estimation for T2 based methane estimation*
- *Nationwide animal feed intake with different agro-climatic zone and production stage of animal.*
- *Disseminate knowledge on low methane emitting food, feed additives and farm management practices.*

Capability needs

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- *Technical manpower for ruminal methane estimation by IPCC -T2 method.*
- *Technical manpower for in vivo methane estimation like GreenFeed system.*
- *Technical field stuffs for animal body weight and feed intake estimation for IPCC-T2 method.*
- *Establishment of Gas chromatography based in vitro methane estimation system.*