

Bangladesh's GHG Inventory for the Waste Sector

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Waste Sector GHG Inventory in Bangladesh (in Gg)

Year	CH ₄ Emission from Solid Waste Disposal	CH ₄ Emission from Domestic Waste Water	N ₂ O Emission from Domestic Waste Water	CH ₄ Emission from Industrial Waste Water
2006	80	695	5.08	4.14
2007	84	706	5.16	11.60
2008	87	717	5.24	14.33
2009	90	729	5.33	17.45
2010	92	740	5.41	21.55
2011	95	752	5.50	22.76
2012	97	764	5.58	24.31

TNC Bangladesh
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Institutional Arrangement for Compilation of Bangladesh's GHG Inventory in Waste Sector

- Local Government Division (LGD) responsible for Domestic Waste (Both solid & Liquid)
- Bangladesh have 12 city corporation and more than 500 municipalities under LGD.
- Department of Environment (DoE) are responsible for industrial waste water data. DoE have regulatory authority to monitor/control industrial pollution.

Strengthen and Gaps in Data Collection and Management

- DoE has taken initiative to develop a IA with LGD as well as with 12 city corporation, it will strengthen the capacity of GHG inventory team and GHG inventory will be more transparent.
- Individual data from city corporation and municipalities are not available.
- Population census data (proxy data) are use to calculate domestic waste.
- Industrial waste water data are collected from DoE for few cases also collect from the industries.
- All data are collected by DoE and manage/storage in DoE.

Existing Gaps & Challenge for Waste Sector GHG Inventory in Bangladesh

- IA with LGD and city corporation
- IA with liquid waste generation industries
- Capacity/Technical knowledge of LGD to provide data for GHG inventory or
- Available manpower in DoE for waste sector GHG inventory.

Role of Waste Sector in Bangladesh's NDC

- Bangladesh's NDC prepared based on Energy, Transport and Industry sector
- Waste sector is not focus area for Bangladesh's NDC