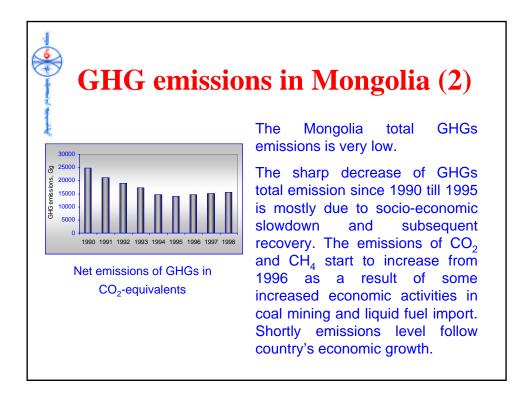
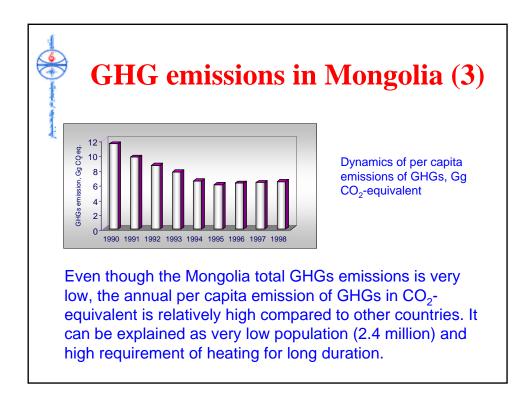


GHG emissions in Mongolia (1) Main GHGs are Carbon Dioxide and Methane in Mongolia. Grassland Anthropogenic activities associated with the largest sources of carbon dioxide in Mongolia are 16% Industry 1% combustion of fuel for power CO₂ emissions by sector for 1994 generation, heat production and conversion of grasslands to crops. C.Waste The most significant source of methane is enteric fermentation in livestock. Emissions of nitrous oxide, nitrogen oxides and carbon monoxide are insignificant relative to total emissions of carbon dioxide Methane emissions by sectors, 1994 and methane.

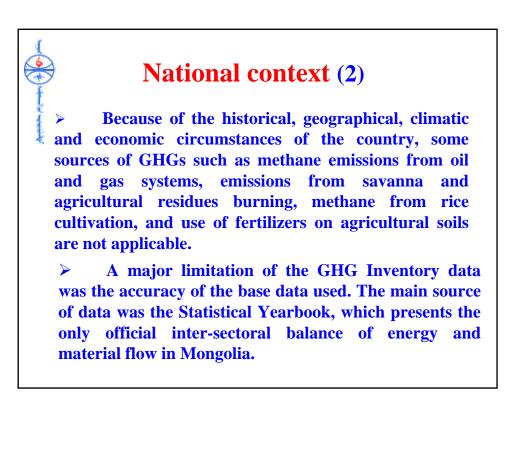




National context (1)

Mongolia's GHGs inventories include emissions of carbon dioxide (CO_2) , methane (CH_4) , nitrous oxide (N_2O) , nitrogen oxides (NO_x) and carbon monoxide (CO). Emissions of other greenhouse gases, such as NMVOCs and PFCs, have not been included in the inventory.

Emissions were estimated for years 1990 to 1998, but according to the COP Guidelines for the preparation of Initial Communications by non-Annex I Parties to the UNFCCC, more detailed data are presented for 1994 as the base year for the inventory.



National context (3)

Some country-specific sources of GHGs i.e. land used for open mining are considered as a source of CO_2 due to the conversion of grasslands for this purpose and accidental manmade steppe and forest fires in Mongolia occur often in spring and autumn, are the sources of greenhouse gases such as carbon dioxide, carbon monoxide, methane, nitrogen and nitrous oxides.

➢ However, while the last is believed to be a significant source of GHGs in Mongolia, it was not included in the national emission totals considering that the IPCC Guidelines do not consider this as an anthropogenic source at this time.

Institutional arrangements (1)

National Agency for Meteorology, Hydrology and Environment Monitoring was designated by the Government of Mongolia as a leading agency for climate change related studies, including GHG inventories.

The Agency is responsible for Establishment of National GHG Inventory Team, Collecting activity data and Emission Factors, Compiling, Archiving, Updating, and Managing GHG Inventories.



