

Low Carbon Development

Bangladesh Perspective

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BCCS&AP

- For Bangladesh Adaptation is the priority;
- National Adaptation Programme of Action (NAPA)-
Submitted to UNFCCC in 2005
 - Focus of UNFCCC supported NAPA was only urgent and immediate adaptation activities;
- Government required a Comprehensive Programme;
- Ministry of Environment and Forests took the initiative to prepare the BCCS&AP in 2009.



Drought



Cyclone



Storm surge, salinity

Hazards Bangladesh faces



Flood



Water logging



Bank Erosion

Destruction by Cyclone Sidr



Part of Sundarban Mangrove Forests, the largest Mangrove Forests of the World

Impact of AILA



Villages are submerged in Munshiganj
union Shyamnagar Satkhira.

People's Response to Post-Aila Situation



Migration to urban areas from Kalabogi Village, Dacope



Six Pillars (Thematic Areas) of Action Plan

- Food security, social protection and health
- Comprehensive disaster management
- Infrastructure
- Research and knowledge management
- Mitigation and low carbon development
- Capacity building and institutional strengthening

The Action Plan will be implemented as the integral part of National Development Policies, Plans & Programmes



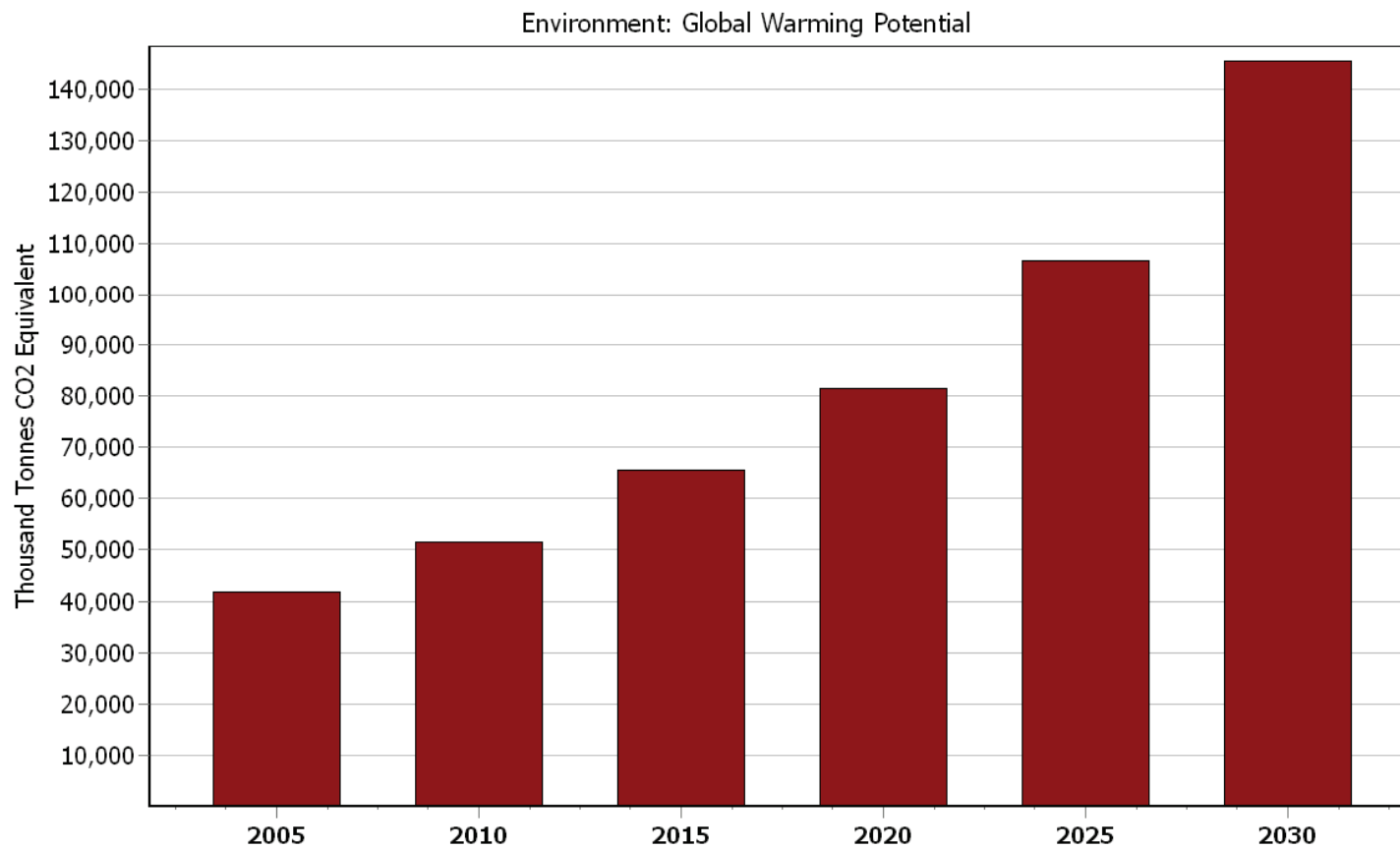
Mitigation Opportunities in Bangladesh



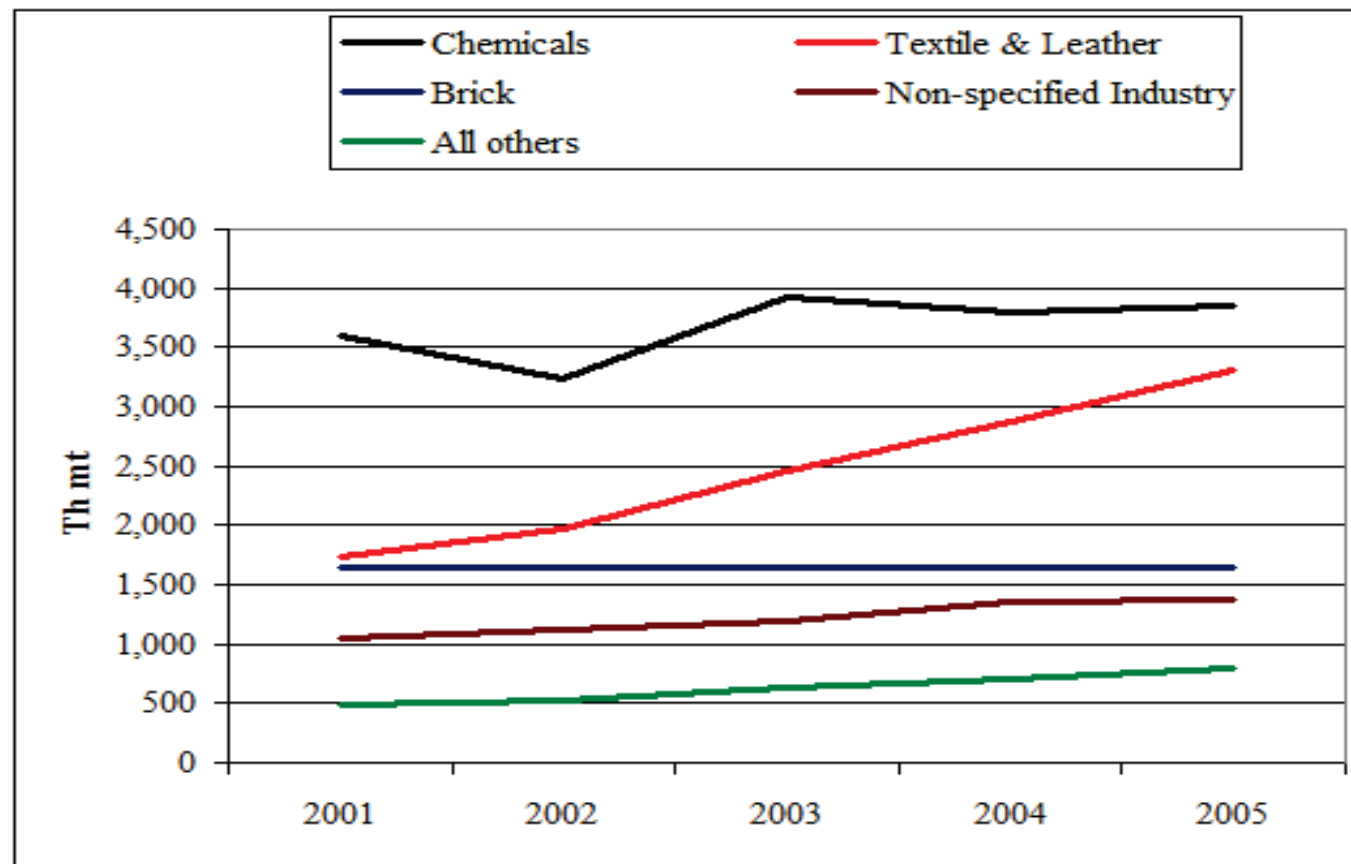
Mitigation under SNC

- SNC made an inventory of GHG emission for the year 2001 and 2005.
- Per capita GHG emission in BD was 0.25 tons in 2005 (130 million population)

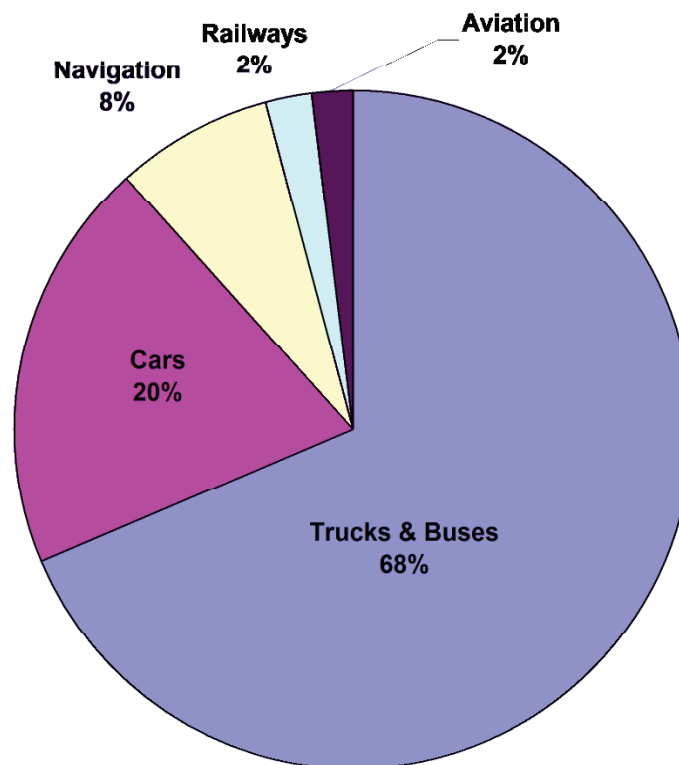
Energy sector total GHG emissions projection for 2005-2030



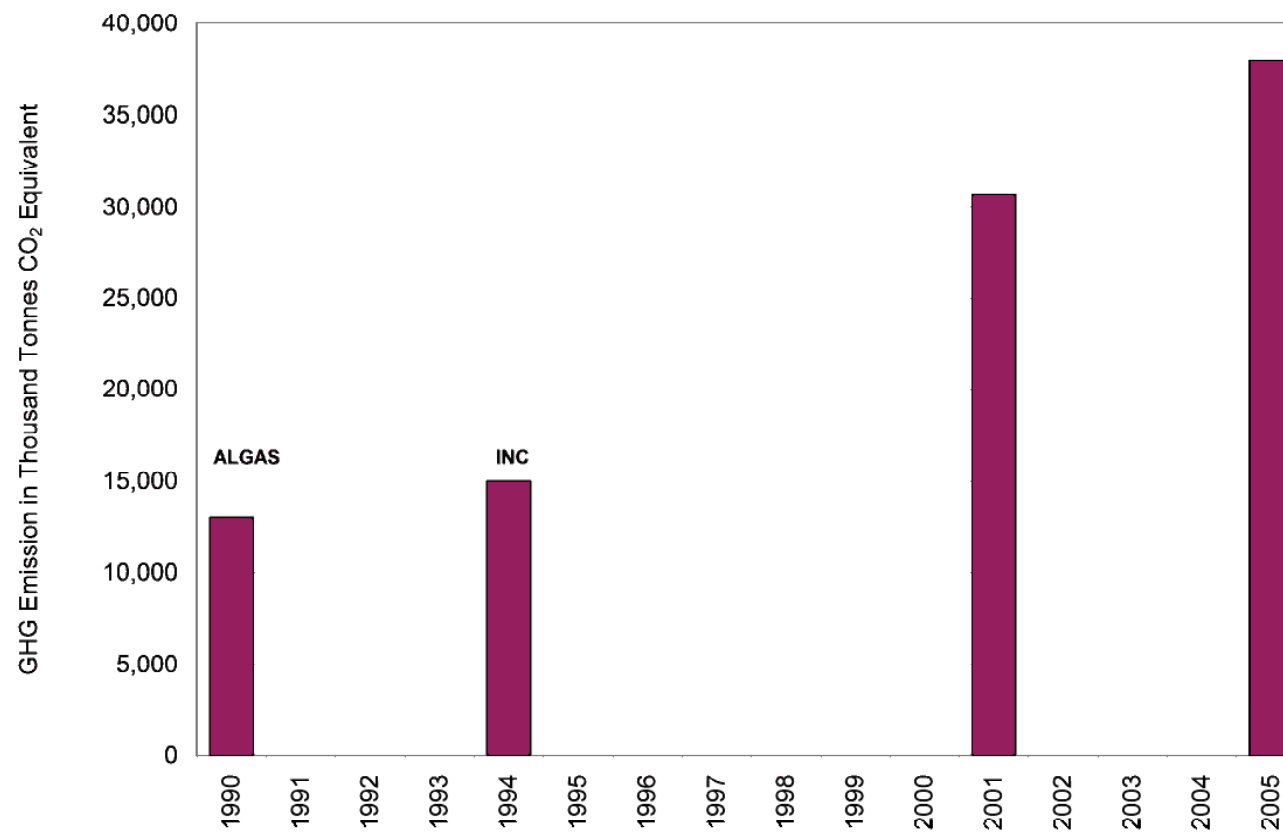
Trend in CO₂ Emission from Manufacturing Industries



CO₂ Emission by Different Types of Transportation



Growth in GHG emissions from 1990 to 2005



Growth rate of emission from sectors (2001-05)

Sector	Yearly change (%)
Energy	6.39
Industry	0.27
Agriculture	3.29
LUCF -	1.38
Waste	3.52



Mitigation Initiatives in Bangladesh

- Bangladesh as a LDC are not obligated to mitigate or reduce GHG emission.
- But the government considered to maintain a low carbon development path. So, BCCSAP has a 'Mitigation and Low Carbon Development' pillar.
- Some sectoral initiatives have been undertaken
- Introduction of renewable energy especially solar photovoltaic by far are regarded the best mitigation initiative in Bangladesh.