

Renewing New Brunswick's Climate Change Action Plan

Stakeholder Consultations

Department of Environment and Local Government
Climate Change Secretariat

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Purpose of the Consultation

- Consider the important issues of climate change
- Reflect on accomplishments
- Identify options for future action
- Receive input from stakeholders

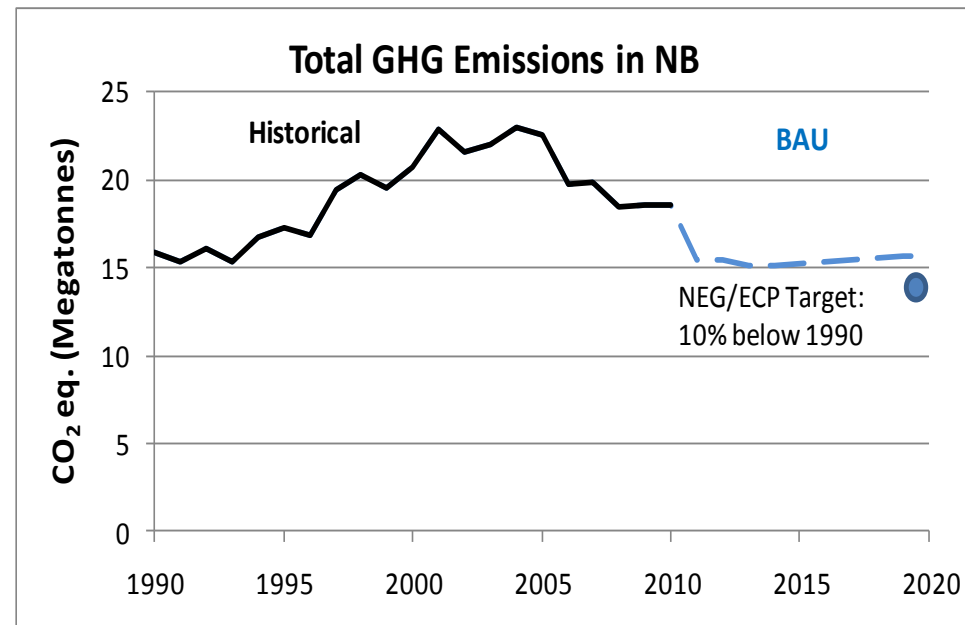
Status

2007-2012 Climate Change Action Plan

- Reduce greenhouse gas (GHG) to 1990 level by 2012
- Adapt to impacts of a changing climate

NB Renewed Action Plan

- GHG 10% below 1990 level by 2020, consistent with NEG/ECP regional plan
- Resilience to climate impacts



Measuring and Accountability

- Annual Progress Reports
- Track progress in adapting to climate change
- Track energy use (GHGs) and savings
- Track key economic indicators

Challenges - Why Continued Action is Needed - Adaptation

- NB's climate is changing
- Costs of weather-related disasters are increasing rapidly
- NB has many communities in areas at risk to inland and coastal flooding
- Many sectors are affected by climate change
- Continued planning and actions are needed to adapt

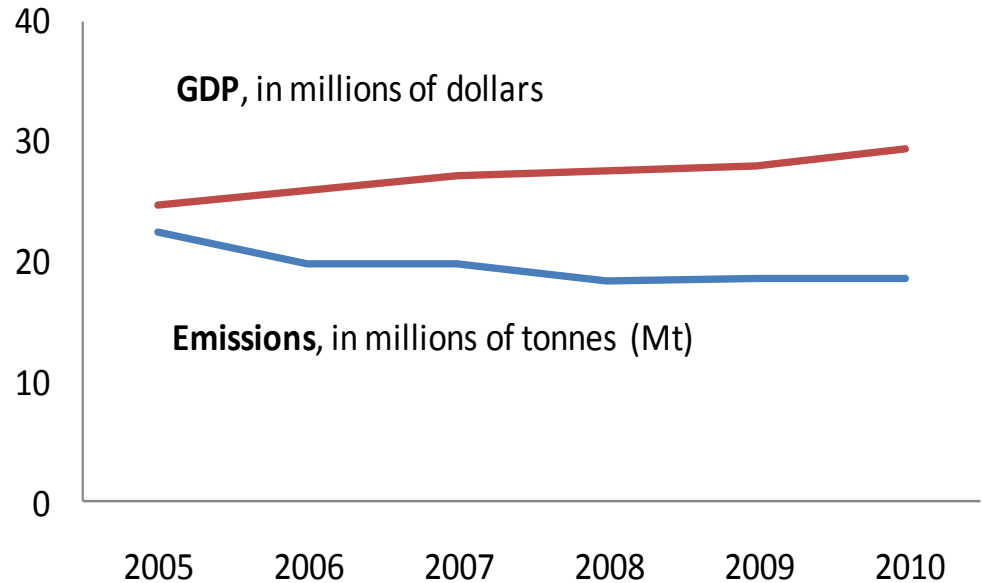
Challenges - Why Continued Action is Needed – Reducing GHG Emissions

- Remain competitive in attracting investment, marketing goods & services and economic development
- NB is highly export dependent
- Exports may be subject to trade tariffs for GHG intensive products
- Firms supplying lower-GHG intensive goods and services will be more competitive

Opportunities - Prospering in a Changing Climate

NB can take advantage of lower-carbon (GHG) economic opportunities:

- Competitive in export markets demanding lower-carbon production / products
- Clean tech. innovation
- Resistant to rising energy prices and fossil fuel imports
- Efficient use of energy; reduced energy costs and improved competitiveness
- Cleaner air
- Resilient to the effects of climate change



Achievements to Date - Adaptation

- Some foundation studies completed for priority issues – erosion, flooding, groundwater impacts
- Numerous communities engaged in adaptation studies
- Widespread recognition of the issues, willingness to act
- Communities beginning to use results for planning

Achievements to Date - Reducing GHGs

- 294 MW of wind power - 370 kt/yr GHG reductions
- Expanded use of biomass - 44 kt/yr GHG reduction
- Investments in innovative projects - 700 kt/yr
- Efficiency programs for businesses and homes - 326 kt/yr GHG reductions
- Improved public transit capacity in cities - 276 kt/yr
- Energy Blueprint - projected 2 Mt/yr GHG reductions by 2020

Continuing our Efforts

Adapting to the Effects of a Changing Climate

- Building the Knowledge Base: Research and Analysis
- Fostering Resilience in Key Sectors
- Mainstream Adaptation

Building the Knowledge Base

- Risk and Opportunity Assessment
- Continued Research and Collaboration
- Data Monitoring and Reporting

Fostering Resilience in Key Sectors

- Forestry
- Agriculture
- Public Health
- Infrastructure
- Tourism



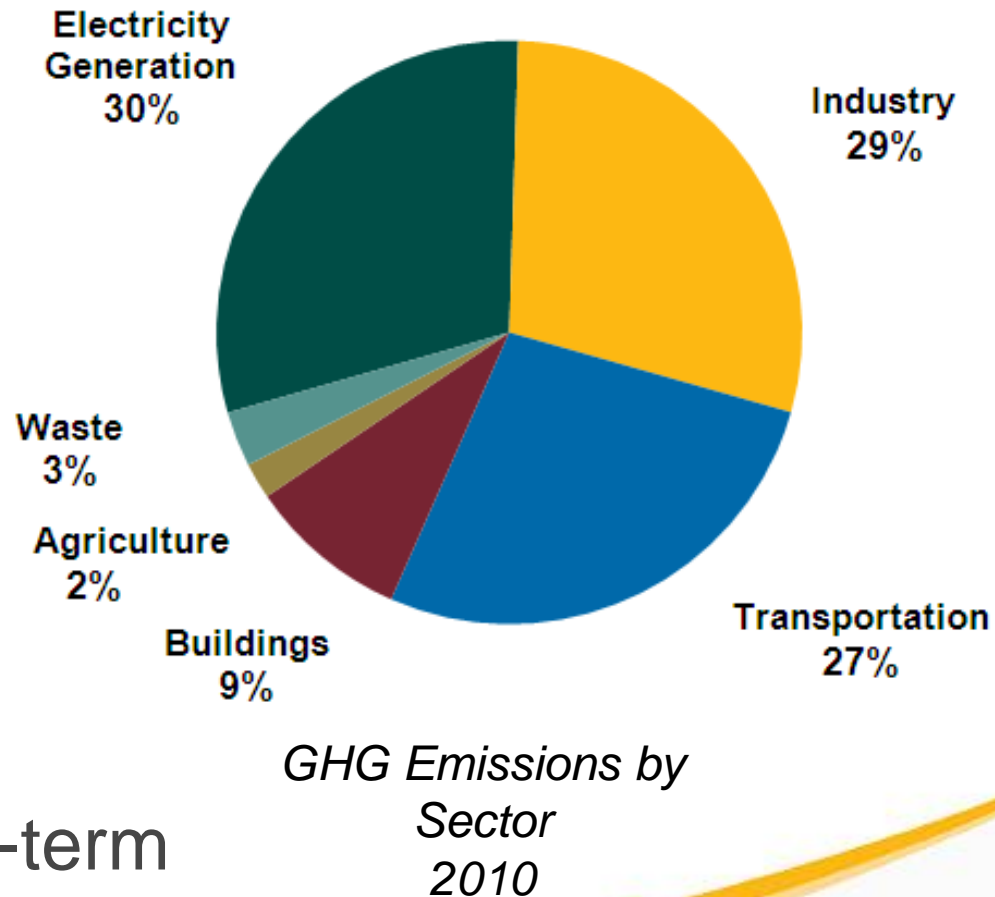
Mainstreaming Adaptation

Regular part of “day-to-day” decision-making

- Design of roads, bridges and other infrastructure
- Plan development to account for increased flood risk , storm drainage etc.

Reducing GHG Emissions

- 92% of GHG emissions are from energy use
- Energy is used by all people
- Every person and sector of the economy needs to play a part, to continue achieving long-term emission reductions



Reducing GHG Emissions

- Efficient and cost-effective use of energy
- Lower and non-emitting energy sources
- New low-carbon technologies
- Carbon sinks, particularly forests and wood products



Continued Government Leadership

- Buildings
- Fleet
- Procurement
- Smart Community Development

Questions to Consider

- What can communities do?
- What can industry and business do?
- What can individuals do?

Next Steps

Your input is important to us.

If you wish to add to today's consultation please contact the Department of Environment and Local Government by:

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