



Sustainable Transportation Strategy 2008

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Presentation Overview

- Context
 - Trends
 - Programs and Policies
- Sustainable Transportation Strategy
 - Approach
 - Strategy Document
- Corporate Initiatives
- Next Steps

Sustainability Trends in Nova Scotia

- Transportation accounts for 27% of GHG emissions in Nova Scotia
 - 11% decrease in emissions from cars but **60%** increase in emissions from light-duty trucks, vans and SUVs
- From 1990-2004, increases in:
 - Per capita vehicle travel
 - Consumer expenditures on transportation
 - Energy consumption for transportation
 - GHG and other emissions
 - Sprawl
 - Traffic congestion
- Decrease in transportation options for non-drivers

Source: GPI Atlantic. Sustainable Transportation in Nova Scotia. 2006.

Sustainability Trends in Nova Scotia (2)

- Re-use and recycling of tires (90-95% recovery rate) and derelict vehicles program – moving towards sustainability
- Use of road salt in winter not yet at sustainable levels, but improving
- Motor vehicle crashes and accidents involving dangerous goods declining since 1990
- Trend towards more integrated land-use planning

Source: GPI Atlantic. Sustainable Transportation in Nova Scotia. 2006.

The Context

- Catalysts for action: trends, climate change concerns, public pressure/awareness, new funding programs (federal)
 - GPI Atlantic – Sustainable Transportation in Nova Scotia (2006)
 - Ecology Action Centre – Green Mobility Strategy (2008)
- Need for nation- and industry-wide initiatives, in addition to provincial initiatives
- Need to define a role for NSTIR, as a player in a small jurisdiction

The Context (2)

- New Provincial Programs and Policies:
 - *Environmental Goals and Sustainable Prosperity Act (2007)*
 - *Ecotrust for Clean Air and Climate Change*
 - *Fleet Vehicle Policy (2007)*
 - *Funding for the Ecology Action Centre's Green Mobility Grants*
 - *Funding for Transport 2000 Atlantic Sustainable Rural Mobility Research and Outreach Project*
 - *Funding for municipal transit projects (Budget 2008)*

Key Provincial Players

- TIR's mandate:
 - Provide a transportation network for the safe and efficient movement of people and goods.
 - Serve the building, property and accommodation needs of government departments and agencies.
 - Provide quality and effective common services to government departments, agencies, boards and commissions.
- In NS, about 10 departments have mandates related to sustainable transportation

TIR Strategy Document

- What can our department **realistically** do, under our current mandate, to contribute to sustainable transportation in Nova Scotia?

TIR Strategy Document (2)

- Commitments of TIR Strategy:
 - To ensure that our activities incorporate effective sustainable transportation practices
 - To make appropriate provision within our infrastructure investments to support sustainable transportation alternatives
 - To continue to work on sustainable transportation issues with key industry and government stakeholders
- Components of TIR Strategy:
 - Detail of current ST practices
 - Outline of potential future ST policies and programs

Current ST Practices

- Promoting sustainability from within
 - Departmental 'Green Team' (2007)
- Greening Highway Operations, Construction and Maintenance
 - Recycled asphalt paving
 - Salt Management Plan
 - Sustainable traffic line painting practices
 - Development of new green protocols for highway maintenance
 - Increasing use of ITS measures (WIM, RWIS)
 - Fleet Smart driver training
 - Departmental anti-idling policy

Current ST Practices (2)

- Environmental Stewardship
 - Environmental Management System
 - Erosion and Sediment Control Training
 - Wetlands Awareness Training
 - Environmental remediation of highway depot sites around the province
- Partnerships for Sustainability
 - TRAX Advisory Committee (Ecology Action Centre)
 - F/P/T Task Force on Sustainable Transportation
 - Provincial working groups on sustainability issues
 - HRM – commitment to public transit and active transportation
 - International collaboration – New England Governors/ Eastern Canadian Premiers

Moving Forward – Potential New Initiatives

- Continued promotion of ST among employees
 - ST Code of Practice to encourage and promote more sustainable transportation choices
 - Development of an Intranet website with:
 - Promotional tools
 - Tips, facts, information
 - Events (internal/external)
 - Relevant Links

Moving Forward – Potential New Initiatives (2)

- Promoting ST among industry and the general population:
 - Additional green practices for highway construction and rehabilitation (i.e. alternative paving technologies, recycling/ use of waste materials)
 - Weigh-In-Motion Expansion Program
 - Chipped shoulder pilot project at select highway locations
 - Long Combination Vehicle pilot project
 - Atlantic Gateway Distripark for Freight
 - Speed limiters for freight trucks (105 km/h)

Ongoing Corporate Initiatives

- Deputy Ministers' Forum on Sustainable Prosperity
- Energy Strategy Renewal
- Climate Change Action Plan

Next Steps

- Departmental ‘Green Team’ will track the status of the strategy action items and identify other options in the future
- TIR is committed to continuing its work to increase sustainability in the Nova Scotia transportation system



Questions?