



## SmartWay Canada: Canadian Version of the US Environmental Protection Agency's SmartWay Program

Task Force on Vehicles Weights and  
Dimensions Policy Meeting

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### Presentation Outline

- Background on the US EPA SmartWay program
- Description of the new version of the SmartWay FLEET tool
- Why have a Canadian version?
- Plan moving forward
- Role of the Transportation Working Group on Energy Efficiency



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## US EPA's SmartWay Transport Partnership



- Launched in February 2004
- Public-private partnership between the EPA and the transportation industry to reduce fuel use and emissions
  - 15 companies joined as charter partners and provided institutional knowledge that would enable SmartWay to be viable
- Currently, there are 2,700 companies who are partner members
  - Accounts for approximately 680,000 trucks
  - 120 Canadian trucking companies are SmartWay members

## US EPA's SmartWay Transport Partnership



- Program consists of four main features:
  - FLEET tools
  - Certification frameworks to identify fuel efficient technologies for trucks and trailers
  - Fuel efficiency information
  - Financing programs to help the freight industry to purchase fuel efficient technologies

## First Generation of the SmartWay Truck FLEET Tool

- Focus was only on trucks and shippers
- Truck carriers would submit a FLEET tool that consisted of:
  1. Their annual fleet fuel use and activity data
    - Tool would estimate their fuel economy, CO<sub>2</sub>, PM and NO<sub>x</sub>
  2. Commit in an action plan to improve their performance in 3 years
    - Individual fleet would be rated against a hypothetical fleet
    - If they matched or scored better than the hypothetical fleet, they would qualify to use the SmartWay logo
- Shippers track the percentage of their freight shipped with SmartWay carriers
  - Eligible to use the SmartWay logo if they shipped over 50% of their freight with SmartWay carriers

## Second Generation of the SmartWay FLEET Tool

- Focus expands to include all players in the freight supply chain:
  - Trucks, air, rail, marine, intermodal, shippers and logistics
- Performance based scoring that uses actual fuel, payload volumes and vehicle kilometres travelled
  - Tool outcome is still CO<sub>2</sub>, PM and NO<sub>x</sub>
- Trucking carriers will be ranked and benchmarked against each other
  - Ranking will be identified publicly on the SmartWay website
  - Provides information to shippers
- Shippers commit to move over 50% of their freight with SmartWay carriers

## Canadian Version of the US EPA's SmartWay Program

- Freight transportation is on a North American scale
  - US shippers are requiring Canadian carriers to become SmartWay members for their business
- Same tool with different options:
  - French and English
  - Metric system
- Information held in Canada and under Canadian privacy laws
  - Firms would not be subject to the US PATRIOT Act

## Plan Moving Forward

- Pilot of the truck FLEET tool with 23 Canadian companies with the objective to:
  - Make sure the IT components (model and database) work well together
  - Internal NRCAN processes work
  - Receive feedback from pilot invitees on NRCAN's service
  - Receive feedback from NRCAN Partner Account Managers on what additional training needs are required
- Program launch for early 2012
  - In conjunction with EPA

## Working With the Provinces

- Transportation Working Group on Energy Efficiency
  - Reports to the Council of Energy Ministers
  - Made up of representatives from provincial energy and transportation ministries
- Two major objectives:
  1. Promoting the program in their jurisdictions
  2. Receiving feedback on the barriers and suggestions on improving the uptake and use



## Questions?

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