

Moving Freight Sustainability Forward



USEPA's SmartWay Transport Partnership



SmartWay – what is it?

- A voluntary partnership to promote greener goods movement
- EPA developed the SmartWay brand as a mark of cleaner and more efficient transportation
- SmartWay covers transportation services (program) and vehicles (vehicle mark)

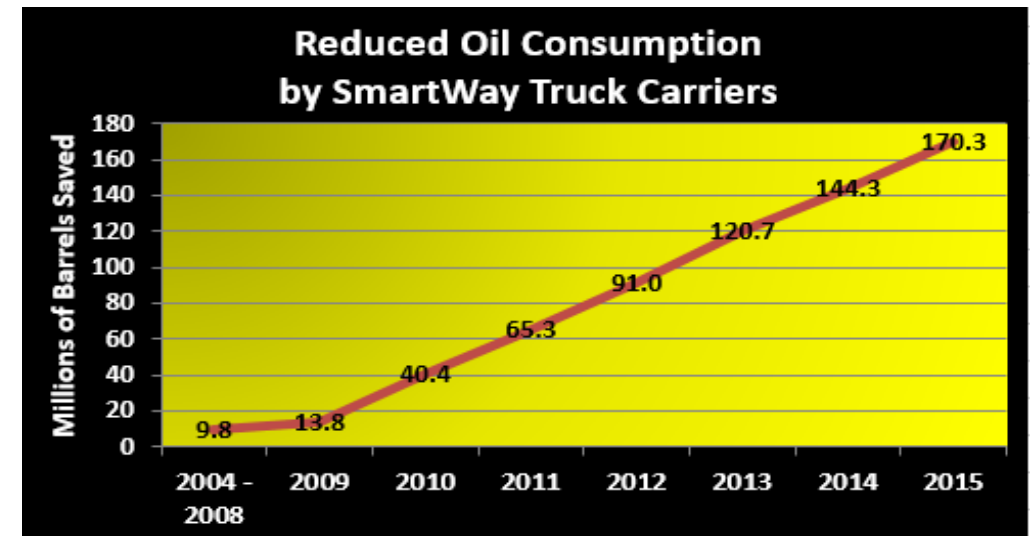
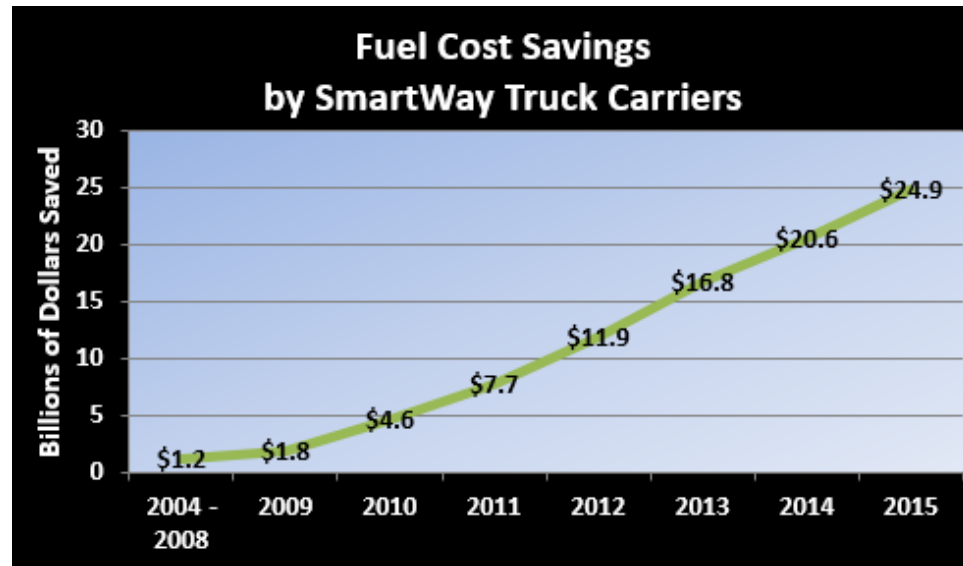
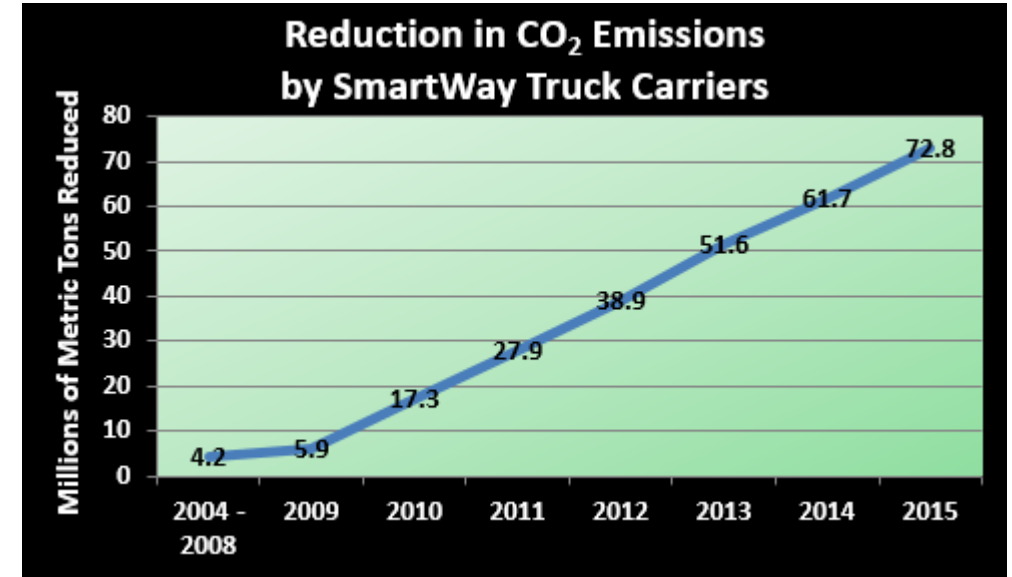


Program Accomplishments

- Enables market to operate more efficiently across supply chains
- 3,500 companies representing a broad cross-section of industries -- trucking, rail, barge and air freight, and their shipper customers participate in SmartWay
- 200 major industry associations, non-governmental organizations, states and localities, and professional trade groups also participate as SmartWay Affiliates.

SmartWay Cumulative Results

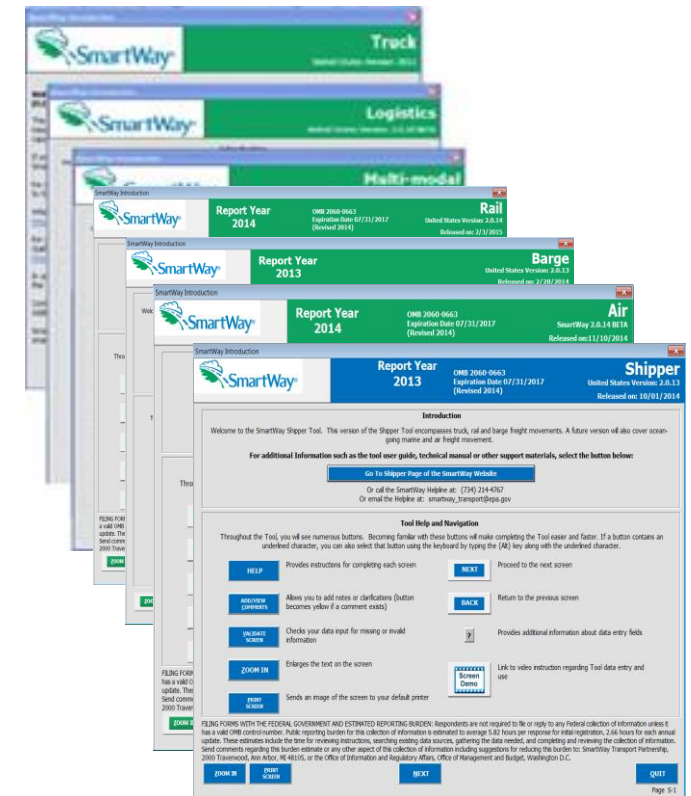
- 84 million metric tons of CO₂
- 1.7 million tons NOx
- 70,000 tons PM
- 197 million barrels of oil
- \$28 billion dollars in fuel costs



SmartWay is an Integrated System



- Carrier Data Collection Tools
 - Truck, Logistics, Barge, Rail, Multimodal Suite, Air
 - Ocean Going Vessels in the near future
- Shipper Tool
 - Calculates emission footprints for Shippers from carrier data
- SmartWay “Process”
 - Data collection, processing, QA/QC, benchmarking
 - Produces 6 emission factors for public use
- SmartWay Database
 - Stores and manages all SmartWay data
 - Allows industry benchmarking
- SmartWay Website
 - Contains downloadable versions of all tools, user guides, technical documentation, webinars, program descriptions



Partners and Affiliates rely on SmartWay for:



- Information on clean and efficient technologies, operational strategies and other business practices that leverage transportation spend, reduce costs and contribute to healthier air for our families and communities;
- A no-cost comprehensive and well-recognized system to track, document and share information about fuel use and freight emissions across supply chains;
- Data to help companies identify and select more efficient carriers and modes;
- Metrics to use in sustainability reports, procurements and internal improvement processes;
- Opportunities to share best practices, access training and information that improve performance, and gain recognition for achievements.

SmartWay Benefits – a partner perspective



- Unique forum to collaborate on industry issues
- Common approach across carriers
- Measurable results
- Saves money
- SmartWay participation beyond the actual participating company - Suppliers, Trade Partners, etc

SmartWay in North America



Canada adopted SmartWay in 2012

- Fully integrated with SmartWay U.S.
- Administered by Natural Resources Canada
- Metric and French tools
- Joint Smart Driver online curriculum



Mexico operating Transporte Limpio since 2010

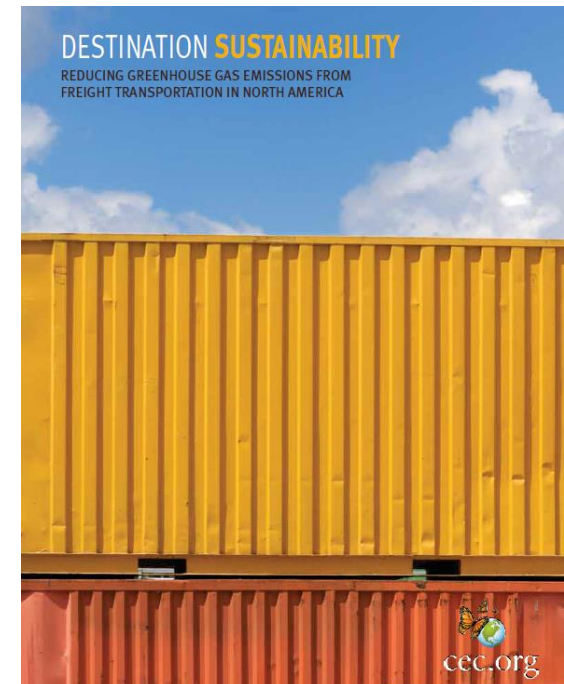
- Modeled on an earlier version of SmartWay
- Now working to adopt the current SmartWay model



Commission for Environmental Cooperation issued report recommending aligning North American freight efforts



EPA and NRCan working to further develop options for SmartWay in countries throughout North and South America



For more information:



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