

The Partnership

SmartWay Transport Partnership

- **What is SmartWay?**

- Successful government/industry collaboration
- Voluntarily achieves improved fuel efficiency
- Reduces environmental impacts from freight transport

- **Partnership Categories**

- Carriers
- Shippers
- Logistics
- Rail

- **Partners use models:**

- Benchmark freight operations
- Measure transportation footprint
- Identify technologies & strategies to reduce emissions
- Track emissions reductions and project improvement

- **Equipment Manufacturers**

- SmartWay certified cars & trucks
 - Auto manufacturers
 - Tractor manufacturers
 - Trailer manufacturers

How Does SmartWay work?

Shippers:

- Top of the supply chain, drive marketplace demand
- Give preferred status to SmartWay Carrier Partners
- Get better data to improve their own shipping operations
- Modify logistics operations to improve efficiency and reduce emissions, for example:
 - Inter-modal Shipping
 - Full Truck Loads
 - Warehouse Improvements
 - Idle-Reduction at Docks
- Get recognition and PR value with SmartWay brand

Carriers:

- Gain competitive advantage:
 - Preferred status, plus
 - Fuel efficiency, savings
- Reduce emissions
- Integrate fuel saving technologies and strategies into fleets, such as:
 - Idle Reduction
 - Improved Aerodynamics
 - Efficient Tire Systems
 - Driver Training
 - Renewable Fuels
 - Advanced Lubricants
- Get recognition and PR value with SmartWay brand

SmartWay Transport Partnership

- About 1,400 Partners (by end of 2008)
- Drive approximately 600,000 trucks (7% of industry)
- Travel over 51 billion miles per year (24% of industry)
- Consume over 12 billion gallons of fuel (24% of industry)
- Estimates for 2008:
 - reduce greenhouse gas and pollutant emissions by:
 - 6 million tons of CO₂ (carbon dioxide);
 - 800 tons of PM (particulate matter);
 - 30,000 tons of NOx (oxides of nitrogen);
 - Save over 540 million gallons of diesel fuel this year;
 - Save the freight industry over \$2 billion in annual fuel and maintenance costs.

Partner Recognition

CONGRATULATIONS TO THE 2008 SMARTWAY EXCELLENCE AWARD WINNERS



Covenant Transport



Thank you to all of our partners!
www.epa.gov/smartway




Trailer Bridge, Inc.



TRANSPLACE
 The JPL & Technology Company





PSA Campaign: TV, Radio, Print



Reflects Well On You.

Driving a vehicle that is fuel-efficient, produces fewer greenhouse gases, and can save you money reflects well on its owner—especially these days, with growing concerns about climate change. The U.S. Environmental Protection Agency makes it easy to identify environmentally friendlier cars and trucks. Just look for the SmartWay® leaf. SmartWay will help change the way America drives.

For more on SmartWay certified cars and trucks, leaf through our website at www.epa.gov/smartway.



Reflects well.
(And helps keep the air clean, too.)

Let's face it, any time your fleet can boost fuel efficiency by 10 to 20%, it reflects well on you and your bottom line. U.S. EPA certified SmartWay Tractors and Trailers allow you to do just that. You can also display the SmartWay certification mark, a symbol of environmental distinction, which also reflects well on you. The SmartWay leaf indicates to both industry and the public that you operate the cleanest and most efficient trucks and equipment available today.



To learn more, visit epa.gov/smartway



SmartWay Certified Vehicles

U.S. ENVIRONMENTAL PROTECTION AGENCY



SmartWay Vehicles



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SmartWaySM

The Smart Way to Save Fuel,
Money, and the Environment

SmartWay Certified

EPA's new and improved Green Vehicle Guide makes it easy to search for EPA certified SmartWaySM and SmartWay Elite vehicles. When researching your next vehicle purchase, use the Green Vehicle Guide to identify the cleanest, most fuel-efficient vehicles available. No matter what size car, SUV or pickup you need, you may have greener options.

What are SmartWay Certified Vehicles?

Each vehicle listed in our Green Vehicle Guide receives an Air Pollution Score and a Greenhouse Gas Score, on a scale of 1-10.

For the SmartWay designation, a vehicle must receive a 6 or better on both scores, and have a total score of at least 13. Vehicles that receive the SmartWay designation are very good environmental performers relative to other vehicles.

SmartWay Elite is given to those vehicles that score 9 or better on both scores. The SmartWay Elite designation is given to the best environmental performers.

How can I purchase a SmartWay Certified Vehicle?

SmartWay certified vehicles are all clearly identified in EPA's [Green Vehicle Guide](#). Simply click on the SmartWay or SmartWay Elite box to view the current list of certified vehicles.

Green Vehicle Guide



Is your car, SUV or pickup a good environmental performer?

[Green Vehicle Guide](#)

Air Pollution Scores



Worried about [air pollution](#) and [greenhouse gas](#)? See how the scores are calculated,

SmartWay Home
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SmartWay Certified Tractors & Trailers

Turn Over A New Leaf To Save Big



Introducing SmartWay Certified Tractors & Trailers
From These Manufacturers

Tractor makers:

- Freightliner
- International
- Kenworth
- Mack
- Peterbilt
- Volvo

Trailer makers:

- Great Dane
- Trailmobile
- Utility
- Wabash



To learn more visit epa.gov/smartway

SmartWay 2.0

A “Smarter” SmartWay

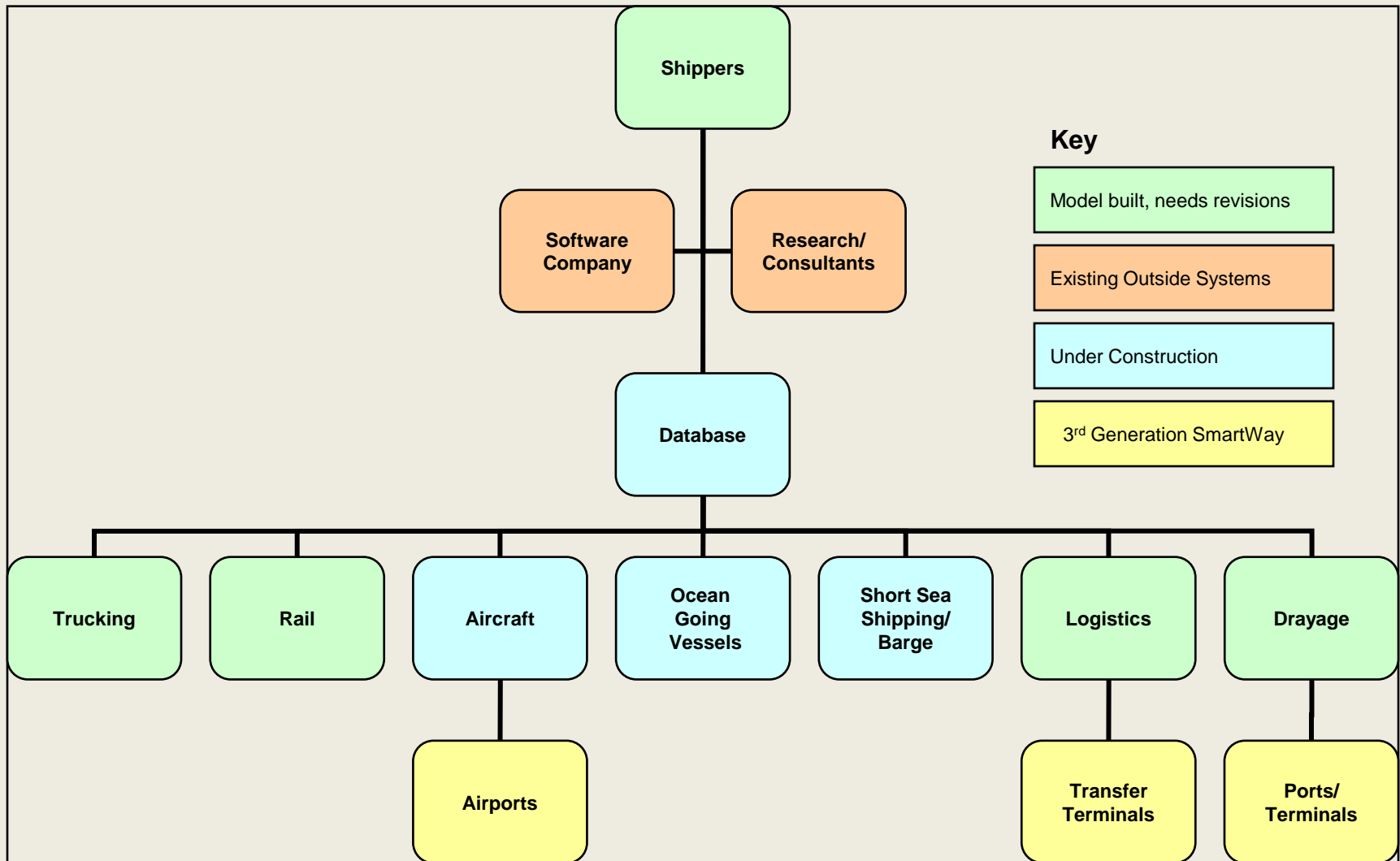
SmartWay 1.0

- Domestic ground freight, i.e., trucking and rail
- Non-dimensional partner scoring process
- Detailed technology survey for carrier scoring
- Carbon footprinting limited to default national averages
- US-based operations covered

SmartWay 2.0

- Multimodal operations, including maritime, short sea, air cargo, drayage, port, etc.
- More transparent and granular carbon-based scoring, plus criteria pollutants, NOx, PM
- Streamlined, performance based scoring based on actual miles, fuel, volume
- Carbon footprint based on provider and modal choices
- Globalized SmartWay program quantifies supply chain emissions

Multimodal Supply Chain Model



Globalizing SmartWay: What Have We Learned in the U.S.?

- There is a strong business case for more sustainable supply chains
 - Transportation is a significant piece of corporate emissions footprint
 - Transportation becoming greater portion of operating costs
 - All companies want to save fuel
- Globalization of supply chains introduces new challenges and opportunities
 - Multinational corporations linking their operations across more of the worlds ports and borders
 - Longer, multimodal supply chains can also mean more emissions from trade
 - Increased pressure to reduce embedded carbon emissions
- Government/Industry Partnerships can move the marketplace
 - EPA's SmartWay Transport Program is a business friendly mechanism to reduce GHG emissions from supply chains

The SmartWay International Summit

- Dec 2-4, Ann Arbor at NVFEL and U of Michigan
 - Developed in response to countries asking for guidance to develop and launch their own “SmartWay” programs
 - Government and Trade groups from 12 countries
 - NGOs included WRI, EDF, Carbon Trust
 - US government officials, Academia
- Key themes:
 - Developing harmonized supply chain accounting methods
 - Broadening SmartWay to cover other modes of transport
 - Developing an international SmartWay exchange network
- Next steps to keep the momentum going:
 - Follow up discussions with stakeholders on establishing and international platform to share data, best practices
 - Link these resources to SmartWay Supply Chain modeling

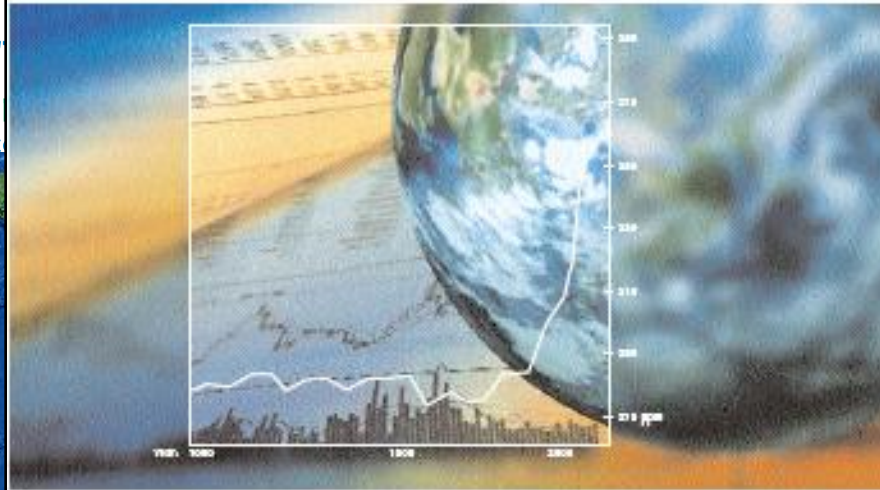
Measuring & Reducing Supply Chain Emissions

FleetSmart

Smart
Transport Part
U.S. ENVIRONMENTAL PROTECTION AGENCY

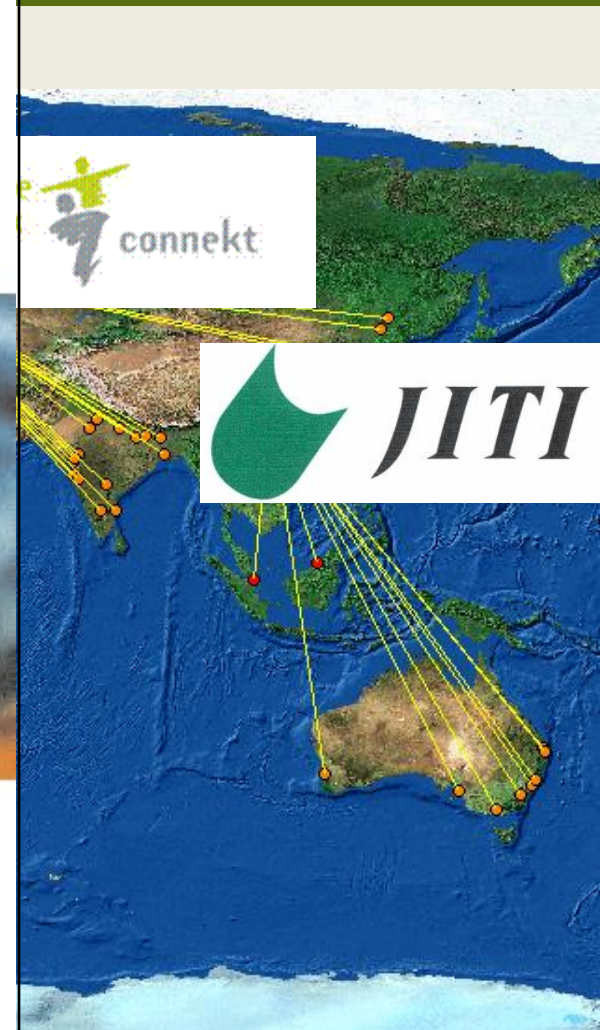


The Greenhouse Gas Protocol



A Corporate Accounting and Reporting Standard

REVISED EDITION





www.epa.gov/smartway

smartway_transport@epa.gov

phone center 734-214-4767

Buddy Polovick 734-214-4928