



SmartWay Transport Partnership

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



 **SmartWay™**
Transport Partnership
U.S. ENVIRONMENTAL PROTECTION AGENCY

www.epa.gov/smartway



National Clean Diesel Campaign

EPA SmartWay Transport Partnership

The SmartWay Transport Partnership is an innovative partnership program between the U.S. Environmental Protection Agency (EPA) and the freight sector. SmartWay provides businesses in the freight sector with tools and resources, funding opportunities, technical expertise, and information regarding best practices to reduce greenhouse gases and diesel emissions. SmartWay takes a multipronged approach to meeting the technological, informational, and financial challenges facing freight operators across multiple sectors.

A Great Opportunity to Save

SmartWay aims to reduce the cost of doing business for freight vehicles, including trucks, trains, and ships, by helping companies increase their use of fuel-efficient technologies and strategies that lower

SmartWay Benefits

- Reduced fuel costs
- Payback on investment within just one to three years on most technologies
- Up to \$9,000 in cost savings per truck each year after payback period
- Reduced maintenance costs
- National recognition
- Business-to-business advantages

emissions. SmartWay shippers reduce carbon emissions through mode choice and carrier selection. In turn, carriers optimize their practices to gain shipper contracts. SmartWay helps partners find energy cost savings, making them successful—and green—industry leaders.





The SmartWay Brand

To help buyers identify SmartWay programs and products, EPA developed the SmartWay brand and associated marks to indicate superior environmental and energy-efficient performance (specifically, reduction of greenhouse gases and other air pollutants). Partners and stakeholders may use the marks in advertising and business communications, for publicity endeavors, and on promotional items. The brand also signifies the partnership among government, business, and consumers to protect our environment, reduce fuel consumption, and improve our air quality for future generations.

SmartWay Expansion to New Transportation and Assessment Tools

In response to the evolving needs of the freight industry, EPA is expanding the program and rolling out the next phase of SmartWay. For the first time, shippers will be able to calculate the environmental impact of various transportation modes, while carriers will be able to quantify their carbon footprint.

SmartWay's expansion will serve as the global protocol for measuring and reducing carbon emissions from global freight transportation and, when fully implemented, may result in a comprehensive database of the freight industry's carbon dioxide (CO₂), particulate matter (PM), and nitrogen oxides (NO_x) emissions.

SmartWay Technology

SmartWay verifies the fuel-saving benefits of certain types of equipment for use in long-distance trucking as well as marine and rail applications. Technologies that meet the criteria are included on EPA's list of verified technologies. EPA verifies the following technological device categories to reduce emissions and fuel consumption from line-haul, combination tractors and trailers:

- Idling reduction
- Aerodynamic technologies
- Low-rolling resistance tires

SmartWay Finance

SmartWay recognizes the financial hurdles faced by an industry consisting of many small businesses. To help freight trucking companies overcome these obstacles and purchase fuel-efficient, low-pollution technologies, SmartWay partners with third-party fiscal institutions to offer financial tools, such as reduced-interest loans with flexible terms for truck owners and operators. Truck owners and operators can take advantage of these financing options and offset the cost of purchasing or installing a SmartWay Upgrade Kit, designed to reduce idling and improve aerodynamics.

SmartWay Certified Vehicles

As part of SmartWay, EPA developed performance specifications and a labeling and recognition program for heavy-duty tractors and trailers that are high environmental performers. SmartWay Certified Tractors and Trailers are among the most fuel-efficient line-haul tractors and trailers available.

www.epa.gov/greenvehicles

EPA's Green Vehicle Guide provides information about the environmental performance of vehicles and offers the user dynamic search and sort capabilities. Side-by-side comparisons can be performed for up to three vehicles, and searches can be customized based on user choices by using the Advanced Search function. Photos of models are displayed (if available) for basic searches and side-by-side comparisons.

They are outfitted at the point-of-sale with SmartWay-verified technologies and other fuel-saving features.

In addition to tractors and trailers, SmartWay certifies light-duty vehicles (passenger cars and light trucks). SmartWay also encourages its partners to visit EPA's Green Vehicle Guide, an online resource that makes it easy to identify the most environmentally friendly vehicles for corporate fleets or personal needs.





Join Us. Become A SmartWay Partner

SmartWay is helping thousands of businesses—small, medium, and large—save fuel and money and protect the environment. The program provides the tools and resources; you bring the commitment to reduce costs, improve the energy efficiency of your operations, and help the environment. SmartWay also offers opportunities for nonprofit and other organizations to demonstrate their leadership and

environmental commitment through its affiliate program. By promoting the SmartWay partnership, affiliates help other organizations make better choices for their businesses and the environment. Nonprofit organizations, truck and trailer dealerships, and leasing companies are eligible to participate as SmartWay affiliates.



Smart for the Environment

Together, rail and truck transport consume more than 35 billion gallons of diesel fuel per year. This represents more than 350 million metric tons of CO₂ annually. These emissions are expected to increase 25 percent by 2012, reaching 450 million metric tons of CO₂.

SmartWay is making a difference. SmartWay has helped the freight sector reduce 14.7 million metric tons of CO₂, 215,000 tons NO_x, and 8,000 tons PM, while also saving 1.5 billion gallons of fuel (\$3.6 billion in fuel costs).

For More Information

To learn more about the SmartWay Transport Partnership, contact the SmartWay Call Center at 734-214-4767, e-mail smartway_transport@epa.gov, or visit www.epa.gov/smartway.



About the National Clean Diesel Campaign (NCDC)

EPA established NCDC to promote strategies that reduce harmful emissions from America's diesel engines. Through regulatory and innovative approaches, NCDC addresses new diesel engines as well as the millions already in use.



National Clean Diesel Campaign

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