

SmartWay Transport Overview

What are the results of SmartWay Transport?

SmartWay Transport aims to increase the availability and market penetration of fuel efficient technologies and strategies that help freight companies save money while also reducing adverse environmental impacts.

Specifically, SmartWay Transport programs lower emissions of carbon dioxide (CO₂), nitrogen oxides (NO_x), and particulate matter (PM).

Since 2004, SmartWay Partners report:

- Saving 144.3 million barrels of fuel. \$20.6 billion in fuel costs saved.
- Eliminating 61.7 million metric tons of CO₂.
- Eliminating 1,070,000 tons of NO_x.
- Eliminating 43,000 tons of PM.

SmartWay Transport is the US Environmental Protection Agency's flagship program for improving fuel efficiency and reducing greenhouse gases and air pollution from the transportation supply chain industry. Developed jointly in early 2003 by EPA and Charter Partners represented by industry stakeholders, environmental groups, American Trucking Associations and Business for Social Responsibility, this innovative program was launched in 2004. SmartWay Transport is comprised of partnerships, policy and technical solutions, and research and evaluation projects that find new ways to optimize the transportation networks in a company's supply chain. Supported by major freight industry associations, environmental groups, states, companies, and trade publications, SmartWay Transport is leading the way to greater fuel efficiency and lower emissions from the freight sector, while presenting a model of government and industry cooperation for public and private benefits.

SmartWay Transport Partnership is a strong government/industry collaboration between freight shippers, carriers, logistics companies and other stakeholders, to voluntarily achieve improved fuel efficiency and reduce environmental impacts from freight transport. Participating companies use performance based quantification and reporting tools that benchmark and inform industry and the marketplace on freight operations, energy and environmental efficiency. SmartWay partners demonstrate to customers, clients, and investors that they are taking responsibility for the emissions associated with goods movement, are committed to corporate social responsibility and sustainable business practices, and are reducing their carbon footprint. To date, the partnership includes nearly 3,000 companies and associations committed to improving fuel efficiency.

In addition to the U.S. EPA program, SmartWay has been administered in Canada by Natural Resources Canada since 2012. SmartWay continues to positively influence green freight programs in other regions of the world, creating a single seamless network that can effectively cut carbon from our global goods movement system.

SmartWay Tractors and Trailers meet voluntary equipment specifications that can reduce fuel consumption by 10 to 20 percent for 2007 and newer long-haul tractors and trailers. Each qualified tractor/trailer combination can save between 2,000 to 4,000 gallons of diesel per year. Models that meet these equipment specifications save operators money and reduce greenhouse-gas emissions and air pollutants.

EPA SmartWay Technology Assessment Center develops test protocols, reviews strategies and verifies the performance of vehicles, technologies and equipment that have the potential to reduce greenhouse gases and other air pollutants from freight transport. As a result, companies can compare the fuel efficiency and environmental performance of various technologies and make more informed purchases.

For more information: www.epa.gov/smartway/.