

### *What are the results of SmartWay Transport?*

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

Specifically, SmartWay Transport programs lower emissions of carbon dioxide (CO<sub>2</sub>), nitrogen oxides (NO<sub>x</sub>), and particulate matter (PM).

As of 2010, Smartway Partners report:

- Saving 1.5 billion gallons of fuel (\$3.6 billion dollars in fuel costs saved)
- Eliminating 14.7 million metric tons of CO<sub>2</sub> -- equivalent of taking 2.88 million cars off the road
- Eliminating 215,000 tons NO<sub>x</sub>
- Eliminating 8,000 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, financial incentives, 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 EPA, freight shippers, carriers, logistics companies and other stakeholders, to voluntarily achieve improved fuel efficiency and reduce environmental impacts from freight transport. Participating companies benchmark their current freight operations, identify technologies and strategies to reduce their carbon emissions, track emissions reductions and project future improvement. 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 2600 companies and associations committed to improving fuel efficiency.

**SmartWay Tractors and Trailers** meet voluntary equipment specifications that can reduce fuel consumption by 10 to 20 percent for 2007 or 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.

**SmartWay Innovative Finance** is a creative program that helps companies acquire fuel-efficient emission reduction technologies through easier access to financial mechanisms such as reduced-interest loans with flexible terms.

**SmartWay Technology Assessment** is a testing and verification program designed to quantify emissions reductions and fuel savings from various available technologies, such as tractor and trailer aerodynamics, auxiliary power units, and wide-based tires. As a result, companies can compare the fuel efficiency and environmental performance of various technologies and make more informed purchases.

For more information <http://www.epa.gov/smartway/> or call 734-214-4767.

# Sustainable Communities Partnership



*"...by working together, {these} agencies can make sure that when it comes to development -- housing, transportation, energy efficiency -- these things aren't mutually exclusive; they go hand in hand. And that means making sure that affordable housing exists in close proximity to jobs and transportation. That means encouraging shorter travel times and lower travel costs. It means safer, greener, more livable communities."*

*-- President Barack Obama, July 13, 2009*

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## History

On June 16, 2009, the U. S. Department of Transportation (DOT), the U.S. Department of Housing and Urban Development (HUD), and the Environmental Protection Agency (EPA) joined together to help improve access to affordable housing, increase transportation options, and lower transportation costs while protecting the environment in communities nationwide. Guided by a set of livability principles and a partnership agreement, the DOT, HUD, and EPA are working to coordinate federal housing, transportation, water, and other infrastructure investments to make neighborhoods more prosperous, allow people to live closer to jobs, save households time and money, and reduce pollution.

## Partnership Goals

The Sustainable Communities Partnership is working to better coordinate federal transportation, environmental protection, and housing investments and to identify strategies to help American families in all communities – rural, suburban and urban – gain better access to affordable housing, more transportation options, and lower transportation costs. The goals of the Partnership are to:

- Enhance integrated planning and investment.
- Provide a vision for sustainable growth.
- Redefine housing affordability and make it transparent.
- Redevelop underutilized sites.
- Develop livability measures and tools.
- Align HUD, DOT, and EPA programs.
- Undertake joint research, data collection, and outreach.



## Livability Principles

The purpose of livability is to enhance the unique characteristics of sustainable communities by investing in healthy, safe and walkable neighborhoods – rural, urban or suburban. The unique nature of each area will determine what livability looks like for that community. There are six guiding principles for livability:

Provide more transportation choices. Develop safe, reliable, and economical transportation choices to decrease household transportation costs, reduce our nation’s dependence on foreign oil, improve air quality, reduce greenhouse gas emissions, and promote public health.

Promote equitable, affordable housing. Expand location- and energy-efficient housing choices for people of all ages, incomes, races, and ethnicities to increase mobility and lower the combined cost of housing and transportation.

Enhance economic competitiveness. Improve economic competitiveness through reliable and timely access to employment centers, educational opportunities, services and other basic needs by workers, as well as expanded business access to markets.

Support existing communities. Target federal funding toward existing communities—through strategies like transit oriented, mixed-use development, and land recycling—to increase community revitalization and the efficiency of public works investments and safeguard rural landscapes.

Coordinate and leverage federal policies and investment. Align federal policies and funding to remove barriers to collaboration, leverage funding, and increase the accountability and effectiveness of all levels of government to plan for future growth, including making smart energy choices such as locally generated renewable energy

Value communities and neighborhoods. Enhance the unique characteristics of all communities by investing in healthy, safe, and walkable neighborhoods—rural, urban, or suburban.

## Work To Date

In October of 2010, the Partnership for Sustainable Communities announced a series of grants or other assistance totaling \$409.5 million to support more livable and sustainable communities. Together, these federal investments reach over 200 communities across the country. Read more at: [www.pscpartnership.org](http://www.pscpartnership.org).

Coordinating federal investments allows for multiple objectives to be met per dollar spent. Through this spending, the Partnership is helping communities create vibrant, healthy neighborhoods that provide more housing options, economic opportunities, and more efficient transportation while reinforcing existing investments.

*“We’re working to change the way government works, and that means investing tax dollars wisely and well. We want to make sure that when we’re building infrastructure, we’re considering how housing, transportation, and the environment all impact each other. These grants are designed to get our biggest bang for our tax dollar buck.”*

*-- President Barack Obama, October 21, 2010*

