

What is SmartWay?

- Voluntary Partnership between EPA and the freight industry aimed at reducing fuel consumption as well as greenhouse gases and other air emissions.
- Developed jointly by EPA and several carriers and shippers, including Schneider, Swift, Yellow/Roadway, UPS, FedEx, The Home Depot, and IKEA.
- <u>Freight industry interests</u> reduced fuel consumption and improved public image.
- EPA interests reduced emissions (CO₂, NO_x, PM) and improved energy security.

SmartWay Emission Reduction Goals

- 33 million metric tons of CO₂ annually by 2012.
- 200,000 metric tons of NOx annually, with additional reductions in PM and air toxics.
- 150 million barrels of oil annually (equivalent to removing 12 million cars from the road).

How SmartWay Works

- Partners receive benefits, including technical assistance and recognition. Most importantly, they save money by saving fuel.
- Freight Carriers (Trucking and Rail Companies) Agree to work toward improved efficiency and reduced fuel consumption over a 3-year period.
- Freight Shippers Agree to work toward shipping more of their product with SmartWay Carrier Partners, as well as improving their operations.
- Logistics Companies Agree to work toward bringing contracted carriers into the Partnership, as well as shipping more freight with SmartWay Carrier Partners.
- Affiliates Agree to work to promote SmartWay to their members and constituents.

Current Partners

• 447 freight shippers, carriers, logistics companies, and affiliates in 41 states, with 32 Partners based in Canada (as of July 31, 2006).

Public Service Announcement Campaign

- Initiated in Dec. 2004 to raise awareness of the Partnership among industry and the public.
- 5 PSAs developed and placed in more than 25 publications.
- Multiple free full-page or multi-page placements received from Forbes, Business Week, Inc., and Fast Company.



SmartWay Transport Partnership • www.epa.gov/smartway • 734-214-4767 • smartway_transport@epa.gov

What SmartWay Partners are Saying



"Our participation in SmartWay is an important piece of our global fleet strategy. With our first sustainability report issued last fall, we set aggressive goals for reducing emissions and increasing fuel efficiency. SmartWay provides another way to push ourselves to meet, and exceed, those goals."

-- Mike Herr, V.P. of Environmental Affairs, United Parcel Service (UPS)



"I encourage everyone to join Swift in becoming a member of SmartWay. The very worst thing that'll happen to you is you'll save fuel which means you'll make more money."

-- Dave Berry, Vice President Swift Transportation



"By designing this program, it shows me and other carriers that EPA is concerned about our business as well as clean air."

-- Rick Coomes, President, Coomes Inc.



"SmartWay...incorporates elements that we feel are consistent with how we approach our business and how we want our service providers to approach things as well." -- Sabina Strautman, Environmental Transport, IKEA USA



"H-E-B has always believed in putting customers and community first. Being a good neighbor means safeguarding the health and welfare of our customers and Partners. SmartWay Transport offers opportunities to learn and lead the way toward a clean transportation future."

-- Charles Butt, Chairman and CEO, H-E-B



"By joining SmartWay Transport Partnership, Bison Transport demonstrates its strong environmental leadership and corporate responsibility. SmartWay Transport is a perfect fit for us as an organization, and its goals tie directly into Bison Transport's on-going mission of becoming more efficient and environmentally responsible."

-- Don Streuber, President & CEO, Bison Transport

AVERITTEXPRESS

"Averitt Express understands that the future of our world rests on the investments we make to care for the resources of today. Whether that manifests itself as following safe driving and freight handling procedures or fulfilling our obligation to protect the environment through avenues such as EPA's SmartWay program, Averitt Express is answering the future's call."

-- Scott Wolf, Vice President of Corporate Services, Averitt Express



"Part of the mission of Interface, Inc. is to honor the places where we do business by endeavoring to become the first name in industrial ecology. We are striving for zero emissions in our operations, including the transportation of our raw materials and finished products. We believe that cooperative initiatives, such as SmartWay Transport, are an important step toward measuring and reducing our environmental ground transportation footprint."

-- Michael Bertolucci, Senior Vice President, Interface, Inc.

SmartWay Transport Partnership Partner List (447 Partners as of July 31, 2006)

Freight Carriers (Trucking) – 313 Partners

AAA Cooper Transportation (AL) A&A Express, Inc. (SD) A & S Trucking Service, Inc. (MD) ABF Freight System, Inc. (AR) Ace-Way Freight Systems 2003 Inc. (Canada) Accelerated Freight Group (AL) A.D. Transport Express, Inc. (MI) ADM Trucking, Inc. (IL) AJ Saragusa Trucking Company Inc. (TX) Alabama Motor Express, Inc. (AL) Alert Motor Freight, Inc. (NJ) Allen Lund Company, Inc. (CA) Alvan Motor Freight (MI) American Cartage Inc. (Canada) American Central Transport, Inc. (MO) American Eagle Lines (TX) Andrus Transportation Services, Inc. (UT) A.N. Webber, Inc. (IL) Arfsten Transfer Inc. (MN) Arndt Trucking (SD) Arnold Transportation Services (FL) Arrow Trucking Company (OK) ASL Transportation (NJ) Atkinson Freight Lines (PA) Averitt Express (TN) B.R. Williams Trucking, Inc. (AL) Barr-Nunn Transportation, Inc. (IA) Bartels Truck Line, Inc. (MN) Baxter Healthcare (IL) Bear Cartage & Intermodal Inc. (IL) Behnke Dedicated (MI) Bell City Transport Systems (Canada) Best Transportation (NJ) Bilbo Transports, Inc. (TX) Bison Transport Inc. (Canada) Boise Boys, Inc. (ID) Braun's Express, Inc. (MA) Brakebush Transportation (WI) Bright Transportation, L.P. (TX) Buchanan Hauling & Rigging, Inc. (IN) Burns Motor Freight, Inc. (WV) California Cartage Express (CA)

California Multimodal, Inc. (CA) Camionnage C.P. Inc. (Canada) Can-Am West Carriers Inc. (Canada) C & C Trucking of Duncan SC, Inc. (SC) Cardinal Freight Inc. (NC) Cargo Transporters (NC) Celadon Trucking Services, Inc. (IN) Central Freight Lines (TX) Central Transport International, Inc. (MI) Challenger Motor Freight, Inc. (Canada) Circle City Transport, Inc. (AL) Climan Transportation Services (Canada) Clinton's Ditch Coop Co., Inc. (NY) Coastal Transport, Inc. (FL) Commercial Transportation Inc. (PA) ContainerFreight EIT, LLC (CA) Contract Freighters, Inc. (MO) Con-way Freight (MI) Coomes Inc. (KS) Covenant Transport, Inc. (TN) Cowan Systems LLC (MD) Crete Carrier Corporation (NE) C. R. England, Inc. (UT) Currier Trucking Corp. (NH) Cynthia Wilson (MO) Damian Trucking, Inc. (IL) Dannie Gilder, Inc. (OK) DaRan, Inc. (MN) Dart Transit Co. (MN) Davis Cartage Co. (MI) Davis Express, Inc. (FL) Deeco Transportation (MI) Deep South Freight (AL) Denmark Express, Inc. (WI) DHL Express (FL) Dick Lavy Trucking, Inc. (OH) Dillon Transport, Inc. (IL) Diversified Transfer and Storage (MT) Dizco Inc. (SD) D. M. Bowman, Inc. (MD) Double NN Transport Ltd. (Canada) Douglass Distributing Carriers (TX)

Dupre Transport, LLC (LA) Eagle Motor Freight, Inc. (AL) ECM Transport, LLC (PA) Estes Express Lines (VA) Evans Transportation Co. (PA) Excargo Services (TX) Express America Trucking (TN) Exxon Mobil Fuel Marketing Company (PA) Farruggio's Express (PA) Fastrax Transportation (Canada) FedEx Express Corp. (Charter Partner) (TN) FedEx Freight System, Inc. (TN) FFE Transportation Services, Inc. (TX) Flatout Trucking Ltd (MI) Floyd & Beasley Transfer Company, Inc. (AL) Floyd Wild Trucking, Inc. (MN) FMI, West (CA) Food Lion, LLC (NC) Fraley & Schilling, Inc. (IN) Freightway Express, Inc. (VA) Frerichs Freight Lines, Inc. (IL) Frito-Lay Inc. (TX) Frock Bros. Trucking, Inc. (PA) Frontier South Transport Corp. (GA) Gangloff Industries, Inc. (IN) Garufi Logistics, LLC (OH) Genmar Transportation Inc. (MN) George's Foods, LLC (VA) G.I. Trucking Company (CA) Glenn National Carriers, Inc. (AR) Gordon Trucking, Inc. (WA) Grammer Industries (IN) Grand Island Express (NE) Great Plains Trucking, Inc. (KS) Greenbush Logistics, Inc. (AL) Green Mountain Coffee Roasters (VT) GTL Transportation (IA) Gwaltney Transportation Co., Inc. (VA) Hall's Fast Motor Freight, Inc. (NJ) Hannaford Trucking Company (ME) Hartt Transportation (ME) Herche Transfer Co. (WA) H.F. Campbell & Son, Inc. (PA) Hilltop Transportation, Inc. (OH) Hirschbach Motor Lines, Inc. (NE) Hodges Trucking Co. (GA) Hospira Fleet Services, LLC (IL) H.O. Wolding, Inc. (WI) Howe Freightways, Inc. (IL)

Howell's Motor Freight, Inc. (VA) Hub Group, Inc. (IL) Hudson's Bay Company (Canada) Hunkes Transfer, Inc. (MN) Hyway Trucking Co. (OH) IFA Trucking (FL) Intermodal Cartage, Inc. (TN) International Motor Freight (NJ) Interstate Express, Inc. (OK) Interstate Distributor Co. (WA) J.B. Hunt Transport, Inc. (AR) J&L Wilson Transportation, Inc. (IL) J&M Tank Lines, Inc. (GA) J&R Schugel Trucking, Inc. (MN) JK Trucking (Canada) John Christner Trucking, Inc. (OK) Jones Brothers Trucking, Inc. (MT) Kane Freight Lines, Inc. (PA) KBD Transportation (Canada) Kennesaw Transportation, Inc. (GA) Kinard Trucking, Inc. (PA) Knight Transportation, Inc. (AZ) Kraft Foods Global, Inc. (IL) Kuperus Trucking, Inc. (MI) Lacy's Express (NJ) LAD Truck Lines, Inc. (GA) Lakeville Motor Express, Inc. (MN) Lane Freight, Inc. (OK) Langford Inc. (MN) Lasco Bathware Trucking Company, Inc. (MI) Lavigne Truck Lines, Inc. (Canada) LBAS Transportation (GA) LDA Leasing (AR) Leoni Motor Express (IL) Lester Fellows Co. (NJ) LHP Transportation Services, Inc. (LHPB) Brokerage (MD) Li-Way Transfer and Storage (GA) Linde Gas, LLC (OH) LinkAmerica Corporation (OK) LinkAmerica Expedited Company (OK) Mark IV Transportation and Logistics (NJ) Maverick Transportation Inc. (AR) May Trucking Company (OR) McClendon Trucking, Inc. (AL) McCracken Motor Freight (OR) McFarland Truck Lines. Inc. (MN) McKelvey Trucking Company (AZ) MDE&E Trucking (TX)

Meijer (MI) Mercury Specialized Carrier, Inc. (OK) Metropolitan Trucking, Inc. (NJ) Midwest Express, Inc. (WI) Midwest Specialized Transportation, Inc. (MN) Milan Express Co., Inc. (TN) ML Asbury Inc. (MI) Mountain Time Express, LLC (CO) MST Freight Services, Inc. (FL) Muir's Cartage Limited (Canada) Muir's International Inc. (Canada) National Distributors Inc. (IN) National Freight, Inc. (NJ) New Century Transportation, Inc. (NJ) New England Motor Freight (NJ) New Penn Motor Express, Inc. (PA) Nick Strimbu Inc. (OH) Northwest Food Products Transportation Llc. (WI) Online Transport, Inc. (IN) O & S Trucking (MO) Overland Container Transportation Services (Canada) Overnite Express, Inc. (MN) Pace Transportation, Inc. (NE) Paddock Group (CA) PAF Transportation, Inc. (ME) P.A.M. Transport, Inc. (AR) Panther II Transportation, Inc. (OH) Papineau International, S.E.C. (Canada) Paramount Truck Lines Ltd. (Canada) Paschall Truck Lines Inc. (KY) PCC Logistics (CA) Penner International (Canada) Perdue Transportation, Inc. (MD) Pier Trucking Corp. (NJ) Pike Transportation, Inc. (AL) Pitt Ohio Express, LLC (PA) PJAX Freight System (PA) Plains Transportation (TX) Pohl Transportation (OH) Pottle's Transportation, Inc. (ME) Price Chopper - a Golub Corporation Company (NY) Prime, Inc. (MO) Quad/Graphics, Inc. (WI) Quantum Logistics, LLC (AL) R & E Enterprises of Mankato, Inc. (MN) Rapid Freightways (CA) Ravens Trucking (IL) Refrigerated Food Express, Inc. (MA) Regency Transportation, Inc. (MA)

Reliable Liquid Transport (CA) Reliable Transportation, Inc. (MO) Rhett Butler Trucking, Inc. (AL) Rinchem Company, Inc. (NM) Roaco Logistics Services (IL) RoadLink USA East (PA) Robinson Transport, Inc. (OH) Rock Creek Transportation, Inc. (MD) Roehl Transport, Inc. (WI) Rush Trucking (MI) Ryder Truck Rental, Inc. (FL) Saia Motor Freight (GA) Safeway, Inc. (CA) Salson Logistics (NJ) Schneider National, Inc. (Charter Partner) (WI) Shaw Transport, Inc. (GA) Shawnee Express, Inc. (IL) Signature Truck Lines, Inc. (Canada) Sitton Motor Lines (MD) Smith Transport, Inc. (PA) Smithfield Packing Transportation Co. Inc. (VA) South Shore Transportation Co. (OH) Southeastern Freight Lines Inc. (SC) Southern Cal Transport, Inc. (AL) Southwest Truck Service (CA) Sprint Recycling (NY) Stevens Transport (TX) Styline Transportation, Inc. (IN) Sub Zero Transportation, Inc. (NE) Summitt Trucking, LLC (IL) Suttles Truck Leasing, Inc. (AL) Swift Transportation Co., Inc. (Charter Partner) (AZ) Tandem Transport Corp. (IN) Taylor Express, Inc. (NC) Taz Trucking (Canada) TDT, Inc. (FL) Team One Transport, Inc. (IN) Terra Renewal Services (AR) Texas Department of Transportation (TX) Texas Star Express (TX) Tig Transportation (NY) TP Freight Lines, Inc. (OR) TransAm Trucking, Inc. (KS) Transnational Logistics (NY) Transport America (MN) Transport Industries, L.P. (TX) Transport J.C, Germain (Canada) Transways Motor Express Co., Inc. (NJ) Transport Robert LTEE (Canada)

Trailwood Transportation, Inc. (MN) Triple S Trucking (NE) Truckmen, Inc. (OH) Truck One, Inc. (OH) Two Cool Trucking Corp. (NC) Two Flags Transportation (Canada) Unisource Worldwide, Inc. (GA) United Natural Foods, Inc. (CT) UPS (Charter Partner) (GA) UPS Freight (Formerly Overnite Transportation Co.) US Xpress Enterprises, Inc/Xpress Global Systems, Inc (TN) USA Cartage, Inc. (MD) USA Truck, Inc. (AR) USF Companies (IL) VaughanTransport, Inc. (GA) Vitran Express, Inc. (IN) Vitran Logistics (Canada)

VOA Corporation (FL) VTL Group (Canada) Walgreen Co. (IL) Waller Truck Co., Inc. (MO) Washita Freight Systems, Inc. (OK) Watkins & Shepard Trucking, Inc. (MT) Watkins Motor Lines, Inc. (FL) Watsontown Trucking Company (PA) Wausau Carriers, Inc. (WI) Wellborn Transportation, Inc. (AL) Werner Enterprises, Inc. (NE) Western Aries Co., LLC (NY) Whitehead Bros, Inc. (AL) Whole Foods Market, Midwest Distribution (IN) Wooster Motor Ways (OH) WSE Transportation, LLC (AR) YRC Worldwide Inc. (Charter Partner) (OH)

Freight Carriers (Rail) – 9 Partners

BNSF Railway Company (KS) Canadian National Railway Company (Canada) Canadian Pacific Railway (Canada) CSX Transportation (FL) Kansas City Railway Company (MO) LHP Transportation Services, Inc. (Rail Division) LHPT (MD) Norfolk Southern Corporation (VA) Pacific Harbor Line, Inc. (CA) Union Pacific Railroad (NE)

Freight Shippers – 33 Partners

American Clean Energy Systems, Inc. (OH) Canadian Hydrogen Energy Company Ltd. (Canada) Canon U.S.A., Inc. (Charter Partner) (NY) Clean Diesel Technologies, Inc. (CT) Cozort International, LLC (MO) Dell Products L.P. (TX) DENSO Manufacturing Michigan, Inc. (MI) Hesstech LLC (NJ) IdleAire Technologies (TN) IKEA North America Services, LLC (*CharterPartner*) (PA) Interface, Inc. (Charter Partner) (GA) JC Penney (TX) J & J Industries, Inc. (GA) Kimberly-Clark (TN) Labat-Anderson, Inc. (VA) Lowe's (NC)

Lubri-Loy (MO) Michelin North America, Inc. (SC) Nike, Inc. (Charter Partner) (OR) Office Depot (FL) OFS (IN) Owens Corning (OH) Philips & Temro Industries (MN) Pressure Systems International (TX) Prime Source FSE (IN) Sharp Electronics Corporation (NJ) Shurepower, LLC (NY) **STERIS** Corporation (OH) Styline Industries (OH) Thegreenoffice.com (CA) The Home Depot, Inc. (Charter Partner) (GA) Transportation Systems Solutions, LLC (NC) Volvo Logistics North America (NC)

Shipper-Carriers – 7 Partners

Bridgestone-Firestone North American Tire, LLC (TN) Coca-Cola Enterprises, Inc (*Charter Partner*) (GA) Dennis K. Burke, Inc. (MA) H-E-B (*Charter Partner*) (TX) Schwan's Logistics, LLC (MN) Tyson Foods, Inc. (AR) Wal-Mart Stores, Inc. (AR)

Logistics Companies - 35 Partners

AFN (Advantage Freight Network) (IL) Alliance Shippers, Inc. (NJ) American Freight Carrier Services, Inc. (NY) APL Logistics (FL) **BNSF** Logistics (AR) Bullet Freight Systems, Inc. (CA) Celtic International (CA) CH Robinson Worldwide, Inc. (MN) CRST Logistics, Inc. (NJ) Epes Logistics Services, Inc. (NC) Exel (OH) Frate Savers, Inc. (Canada) Freightbiz LLC (MT) Greatwide Logistics Services (TX) Intermodal Sales Corporation (TN) Kane Traffic Services, Inc. (PA) Katt Transportation (TN) Kelron Logistics (Canada)

Landstar System, Inc. (FL) Light Logistics (OH) LinkAmerica Transportation, Inc. (OK) Matson Integrated Logistics (CA) Meridian IQ (KS) National Logistics Management (MI) NFI Interactive Logistics, LLC (NJ) NYK Logistics (Americas) (FL) Pacer Global Logistics (OH) Pro Trans Logistics, Inc. (TX) RFX, Inc. (MA). The Radiant Group, LLC (KY) SDS Logistics Services (OH) Total Logistic Control, LLC (MI) Trans Gulf Transportation, Inc. (TX) Transmar Distribution services (TX) Transplace Texas, LP (TX)

Affiliates – 50 Organizations

Accuship (TN) Alliance to Save Energy (DC) American Trucking Associations (DC) Arizona Trucking Association (AZ) Association of American Railroads (DC) Businesses for the Bay (MD) California Trucking Association (CA) Cascade Sierra Solutions (OR) Central Indiana Clean Cities Alliance, Inc. (IN) Clean Air Minnesota (MN) Clean Fuels Ohio (OH) Colorado Motor Carriers Association (CO) Driver Management Services (MI) Florida Trucking Association (FL) Georgia Motor Trucking Association (GA) Grain and Feed Association of Illinois (IL) Illinois Corn Growers Association (IL) Illinois Trucking Association (IL)

Indiana Department of Environmental Management (IN)Indiana Motor Truck Association (IN) Iowa Motor Truck Association (IA) Iowa State University Center for Transportation Research and Education (IA) Lane Regional Air Pollution Authority (OR) Maine Motor Transport Association, Inc. (ME) Maryland Motor Truck Association (MD) Massachusetts Motor Transportation Association (MA) Michigan Trucking Association (MI) Midwest Shippers' Association (MN) Mid-West Truckers Association, Inc. (IL) Minnesota Agri-Growth Council (MN) Minnesota Grain and Feed Association (MN) Minnesota Trucking Association (MN) Missouri Motor Carriers Association (MO) National Industrial Transportation League (VA)

National Tank Truck Carriers Association (VA) Nebraska Trucking Association (NE) New Jersey Motor Truck Association (NJ) Ohio Trucking Association (OH) Oregon Department of Environmental Quality (OR) Oregon Trucking Associations, Inc. (OR) Pennsylvania Motor Truck Association (PA) Southeast Environmental Task Force (IL) South Shore Clean Cities, Inc. (IN) Space Coast Coalition (FL) Texas Commission on Environmental Quality (TX) Texas Motor Transportation Association (TX) Washington Trucking Associations, Inc. (WA) Wisconsin Clean Cities-SE Area (WI) Wisconsin Motor Carriers Association (WI) Wisconsin Partners for Clean Air (WI)

Overview of Fuel-Saving and Emission-Reduction Technologies



The SmartWay Transport Partnership is establishing several innovative financing programs, such as low-interest loans,

to make these highly fuel-efficient, low emitting technologies more accessible to interested trucking companies. Greater use of these technologies will not only reduce fuel consumption and related costs to trucking companies, but it will also result in reductions in emissions of greenhouse gases and other harmful air pollutants.

Disclaimer: The benefits described in this document are estimations only, and are based on a number of assumptions. Actual fuel savings and emission reductions may be higher or lower, and will depend on a variety of factors, including equipment type, driver performance, distances traveled, vehicle speed, etc.

Technology	Description	Cost	Benefits ³
Idle Reduction Device – Bunk Heater	Small, lightweight, diesel fuel-fired device mounted in the cab that provides heat for cab comfort. Does not include any air conditioning capabilities.	Approx. \$1,000	Approx. 5% fuel savings assuming 1,200 hours idling per year. Additional reduction in engine wear-and-tear.
Idle Reduction Device – Auxiliary Power Unit	Small diesel-powered generator mounted outside the cab that provides heat, air-conditioning, and electrical power to run appliances.	Approx. \$6,000 - \$8,000	Approx. 8% fuel savings assuming 2,400 hours idling per year. Additional reduction in engine wear-and-tear.
Single Wide Tires	Traditional dual tires are replaced with one single wide tire and aluminum wheel. Can be applied to all tractor and trailer tire positions except for the steer tires.	Approx. \$3,000	Approx. 4% fuel savings.
Trailer Aerodynamics	Fairings added to the front and underside of the trailer to reduce drag.	Approx. \$2,400	Approx. 5% fuel savings.

³All savings assume a Class 8B tractor trailer traveling approximately 100,000 miles per year