



75

GREEN SUPPLY CHAIN PARTNERS

Selected by *Inbound Logistics* editors, these 75 companies go above and beyond to help shippers maintain sustainable, eco-friendly supply chain operations.

AAA COOPER TRANSPORTATION

aaacooper.com

AAA Cooper is a SmartWay partner. The company installs enhanced/full aerodynamic fairing packages; converts oil to lighter-weight synthetic for better fuel economy; installs tire pressure systems designed for drive tire position to enhance MPG; and installs next-generation skirting on van trailers with better airflow direction.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reuse/recycling program
- Reduce energy usage
- Sustainably source materials
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

AAA Cooper's data centers are designed to reduce HVAC demands and overall utility consumption.

AGILITY GLOBAL INTEGRATED LOGISTICS

agility.com

Agility provides free emissions reports to more than 800 customers. It offers training on green logistics implementation and seeks to reduce emissions and waste along its shared supply chains. Agility also participates in the Clean Cargo Working Group and the Sustainable Air Freight Initiative.



CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reuse/recycling program
- Reduce energy usage
- Sustainably source materials
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Agility has reduced emissions by 23% since 2011.

ALASKA AIR CARGO

alaskaair.com



Alaska Air Cargo introduced three next-generation Boeing 737-700 aircraft with greater fuel efficiency and increased freight lift capacity compared to previous 737-400 freighter and combi aircraft. Parent company Alaska Airlines is ranked as the most sustainable domestic airline by the Dow Jones Sustainability Index.

CURRENT GREEN INITIATIVES:

- Compost in-flight waste
- Use alternative fuels or energy sources
- Increase airspace efficiency

NOTABLE ACHIEVEMENTS:

Alaska Air Cargo's "Greener Skies Over Seattle" project is set to save 87 gallons of fuel per flight and reduce carbon emissions by nearly 1 metric ton.

ALLIANCE SHIPPERS

alliance.com

Alliance's EverGreen refrigeration units are equipped with two-way cellular tracking devices. They draw power from a battery source within the units, allowing the company to always have a GPS location on assets, as well as turn the refrigeration unit on or off at any time. Solar panels allow Alliance to use natural energy to continuously charge the batteries on its trailers.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Solar panels
- Energy-efficient lighting

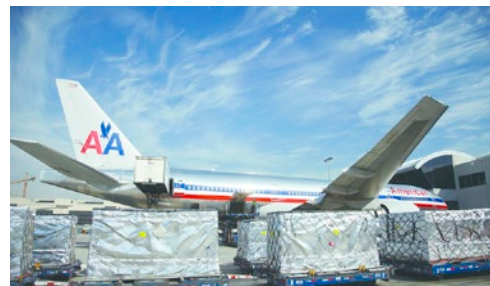
NOTABLE ACHIEVEMENTS:

Alliance Shippers' trailers are moved via railroad, reducing CO2 output by 67% versus moving the same goods over the road.

AMERICAN AIRLINES CARGO

aacargo.com

American Airlines Cargo deploys more than 5,000 reusable lightweight composite cargo containers, reducing weight and saving more than 1 million gallons of fuel every year. Its eFreight initiative cuts down on thousands of pounds of paper every year.



CURRENT GREEN INITIATIVES:

- Reduce energy usage
- Reduce greenhouse gas emissions
- Reuse/recycling program
- Paperless initiatives

NOTABLE ACHIEVEMENTS:

In 2005, American Airlines Cargo introduced a Fuel Smart initiative, which aimed to implement more creative ways to save energy. Since then, the program has helped save millions of gallons of fuel from consumption by aircraft and support vehicles, as well as reduce CO2 emissions.

ARCBEST

arcb.com

ArcBest chooses optimal vehicles for its fleet to reduce energy usage and emissions. These vehicles have aerodynamic features to achieve maximum fuel efficiency, as well as computerized engine shut-offs to reduce idling time.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reduce energy usage
- Reuse/recycling program

NOTABLE ACHIEVEMENTS:

ArcBest purchased 800 new 28-foot trailers with aerodynamic skirts to improve the fuel economy and wind resistance of its fleet.

AVERITT EXPRESS

averittpress.com

Averitt was one of 52 partners to launch the Environmental Protection Agency's SmartWay Program in 2004. With the help of this program, Averitt established a systematic approach to emissions reduction and fuel conservation. The company voluntarily commits to meeting specific environmental and energy-saving goals and sharing its progress annually with the EPA.



CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reuse/recycling program
- Reduce energy usage
- Sustainable packaging
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Since 2004, Averitt has lowered its CO2 emissions by an estimated 36%.

BNSF RAILWAY

bnsf.com

BNSF Railway recently used the Global Reporting Initiative G4 Guidelines as a framework to report on its sustainability initiatives. The company continues to expand and invest in its rail network and upgrade its locomotive fleet to optimize throttle and brake use and prevent unnecessary idling.



CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Fuel-efficient locomotives
- Reduce energy usage
- Recycle waste materials

NOTABLE ACHIEVEMENTS:

As of 2017, BNSF Railway averaged a total of 846 gross ton miles per gallon of diesel, a 7% improvement since 2008.

C.H. ROBINSON

chrobinson.com

SmartWay partner C.H. Robinson provides carbon reporting to help customers understand their footprints and works to find reduction opportunities through services such as LTL, consolidation, reverse logistics, and mode shifting. C.H. Robinson recently completed its first greenhouse gas inventory to measure its own emissions.



CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reuse/recycling program
- Reduce energy usage
- Sustainable packaging
- Energy-efficient lighting
- LEED-certified building
- Reduce paper and waste usage

NOTABLE ACHIEVEMENTS:

C.H. Robinson brokers 44% of its shipments using SmartWay carriers and offsets all its European travel with carbon credits.

CANADIAN NATIONAL

cn.ca

Canadian National continues to improve locomotive operating efficiencies to reduce its environmental impact. The company consumes 15% less fuel per gross ton mile than the industry average.

CURRENT GREEN INITIATIVES:

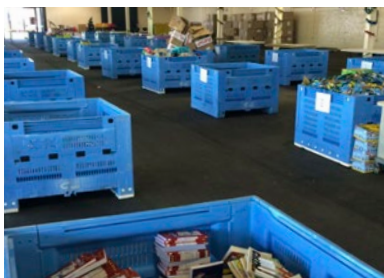
- Reduce energy usage
- Manage waste
- Biodiversity and land management
- Promote sustainable materials
- Reduce packaging
- Reuse/recycling program

NOTABLE ACHIEVEMENTS:

Canadian National implemented a partnership program, EcoConnexions, which resulted in 29% overall energy savings, and diverted 90% of operational waste from landfills.

CHEP

chep.com



CHEP makes its consumer packaged goods customer companies more sustainable through its Better Planet initiative. With its 2015 and 2020 sustainability targets, CHEP is moving toward being a zero-deforestation, zero-emissions, and zero-waste company.

CURRENT GREEN INITIATIVES:

- Reuse/recycling program
- Reduce greenhouse gas emissions

NOTABLE ACHIEVEMENTS:

As of May 2016, CHEP's Value Stream Mapping Solution has eliminated 4.5 million empty truck miles and 23.6 million pounds of CO₂ gas.

CROWLEY

crowley.com

Crowley's commitment to sustainability includes the design of hybrid energy and ultra-low emission tugs; energy-efficient practices for potable water, ballast water, power, and equipment at its headquarters, offices, and vessels; transportation management systems that reduce idling times; and alternative fuel ships. In 2018, 109 Crowley vessels received Certificates of Environmental Achievement from the Chamber of Shipping of America. In the same year, the company delivered 556 million barrels of petroleum products.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Sustainably source materials
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

In 2018, Crowley's liquid natural gas-powered combination container/roll-on-roll-off ships successfully began service with a 100% reduction in sulfur oxide and particulate matter.

CROWN EQUIPMENT CORPORATION

crown.com

Crown's vertical integration strategy (in which it manufactures up to 85% of the parts used in its lift trucks) improves quality control and supply chain coordination. The company delivers high-quality, energy-efficient lift trucks that use fewer parts, require less maintenance, and produce less waste.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Use wastewater
- Reduce energy usage
- Sustainable packaging
- Sustainably source materials
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Crown is the first company to have three facilities receive the Ohio EPA's Encouraging Environmental Excellence Gold award.



CSX

csx.com

CSX continues to reduce its environmental footprint throughout its operations. CSX supports sustainable development and engages openly on sustainability issues with customers, employees, and stakeholders.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reuse/recycling program
- Reduce energy usage
- Sustainably source materials
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Since 1980, CSX has improved fuel efficiency by more than 100%. Additionally, it has reduced greenhouse gas emissions by 8.1% and energy intensity by 5.3% since 2011.



CT LOGISTICS

ctlogistics.com

CT Logistics keeps 40% of its 6-acre corporate campus undeveloped and wooded. It recycles, repurposes, or properly disposes of all cardboard, paper, copier and printer toners, ink cartridges, and old, broken, or outdated electronic equipment.

The company opts to explore telecommunication options for client and vendor interactions before relying on travel, and it aims to use intelligent thermostats and off-hour energy conservation in all its buildings.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reuse/recycling program
- Use wastewater
- Reduce energy usage
- Energy-efficient lighting
- Woodland preservation

NOTABLE ACHIEVEMENTS:

CT's FreightLion software consolidates small shipments into truckloads with stop-offs, enabling shippers to choose environmental routings, modes, and shorter transits, which reduces fuel consumption and lowers CO2 emissions.



DHL SUPPLY CHAIN

logistics.dhl

DHL's environmental protection program, GoGreen, focuses on improving carbon efficiency and reducing air and noise pollution. DHL implements measures to improve fuel efficiency across its fleet, optimizes networks and routes, improves energy efficiency in buildings, and reduces waste from operations. The company also encourages personal commitments of associates through its novel getGREEN employee incentive program.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Sustainably source materials
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

DHL set a climate protection target to eliminate all logistics-related emissions by 2050.



DSC LOGISTICS

dsclogistics.com

DSC is a certified logistics provider and carrier partner in the EPA's SmartWay Transport Partnership. DSC's sustainability program includes an emissions reduction initiative in warehouses and transportation, a network redesign to better place DCs and transportation routes, and collaborative shipping/transportation consolidation.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Use wastewater
- Reduce energy usage
- Sustainable packaging
- Sustainably source materials
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

In 2018, DSC reduced carbon emissions by 11.6% through its single and multi-customer consolidation services.

ECHO GLOBAL LOGISTICS

echo.com

Echo is a SmartWay partner and strives to improve client and carrier operational efficiencies through its technology and services. The company helps spot opportunities for process revisions and offers actionable solutions to minimize impacts on the environment.

CURRENT GREEN INITIATIVES:

- Reuse/recycling program
- Reduce energy usage
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Echo received rankings of 2 (on a scale of 1-5, with 1 being the best) in various categories for SmartWay's report on shippers' environmental efficiency ratings.

ENGLAND LOGISTICS

englandlogistics.com

England Logistics is a SmartWay partner. The company's team safeguards food and beverage shipments by utilizing its network of temperature-controlled facilities and equipment, resulting in fewer transportation risks. It uses optimization software, allowing it to build an economic strategy for each shipment, which results in reduced miles.

CURRENT GREEN INITIATIVES:

- Reduce energy usage
- Sustainable packaging

NOTABLE ACHIEVEMENTS:

A two-time SmartWay Excellence Award winner, England Logistics optimizes route selection and helps shippers and trucking companies save on fuel costs.



ESTES EXPRESS LINES

estes-express.com

Estes installed solar-powered systems in four of its terminals and has plans to address additional facilities in the future. The company strives to keep waste out of landfills and conserve natural resources by reusing and recycling materials. Estes also utilizes cleaner fuels and is taking steps to improve its equipment's fuel efficiency.



CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reuse/recycling program
- Reduce energy usage
- Sustainably source materials
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Since 2012, Estes has reduced electrical consumption by more than 20,195,828 kWh.

EXPEDITORS INTERNATIONAL

expeditors.com

Expeditors is a founding member of the Sustainable Air Freight Alliance and is an active member of the Clean Cargo Working Group. In 2018, the company released a new Environmental Stewardship training course. Since then, employee-led Green Teams have worked to reduce waste, energy, and water consumption at more than 300 facilities globally.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Sustainably source materials
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Expeditors launched the Global Plastic-Free Challenge for its employees and achieved a 16% reduction in Scope 1 and 2 emissions.

FEDEX

fedex.com

FedEx increased fuel efficiency by 22%, deploying 482 electric and hybrid-electric company vehicles. Since their introduction in 2005, the vehicles have saved 480,000 gallons of fuel. The company increased its previously stated vehicle fuel efficiency goal to a 30% improvement by 2020.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reduce waste
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Solar panels

NOTABLE ACHIEVEMENTS:

In 2012, the Solar Energy Industries Association recognized FedEx as one of the Top 20 commercial solar power users in the United States. In 2011, the company was also ranked #122 in *Newsweek's* Top 500 Greenest Companies.

FLORIDA EAST COAST RAILWAY

fecrwy.com

Florida East Coast Railway is making strides toward sustainability by reducing highway congestion, air pollution, and greenhouse gas emissions through intermodal and carload supply chain solutions.

CURRENT GREEN INITIATIVES:

- Use alternative fuels or energy sources
- Reduce greenhouse gas emissions

NOTABLE ACHIEVEMENTS:

Florida East Coast Railway became the first North American railroad to convert its mainline locomotive fleet to liquified natural gas, which is a cleaner and more efficient source of fuel.



GEORGIA PORTS AUTHORITY

gaports.com

Georgia Ports Authority prioritizes sustainability by preserving nature and reducing emissions. With its efforts to protect surrounding wetlands and reduce fuel consumption, Georgia Ports serves as an eco-friendly partner.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

GPA's electrification efforts avoid the use of more than 5.8 million gallons of diesel each year.

**HUB GROUP**

hubgroup.com

Hub Group looks beyond intermodal conversion to include freight consolidation and route optimization, which greatly reduce the amount of carbon dioxide emitted. Hub Group is a voluntary respondent to the CDP, EcoVadis, and the EPA SmartWay Program. Its headquarters is LEED Gold certified.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reuse/recycling program
- Use wastewater
- Reduce energy usage
- Energy-efficient lighting
- Freight consolidation
- Route optimization
- Idling programs
- Electric vehicle evaluation

NOTABLE ACHIEVEMENTS:

In 2018, Hub Group's multimodal strategy programs resulted in the avoidance of more than 1.7 million tons of CO₂.

J.B. HUNT TRANSPORT SERVICES

jbhunt.com

J.B. Hunt has received nine SmartWay Excellence awards. In 2018, it added the first all-electric, medium-duty box trucks with zero tailpipe emissions to its private fleet. Other company sustainability initiatives include LTL consolidation, MPG tracking, driver training, and alternative fuel options.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

J.B. Hunt prevented nearly 1.6 million tons of carbon dioxide from entering the atmosphere through intermodal conversion.

**KANE IS ABLE**

kaneisable.com

Kane is committed to reducing carbon emissions, pollution, and congestion with smarter trucks and delivery methods. It has been a SmartWay member since 2006 and utilizes modern, diesel-powered trucks and compressed natural gas equipment.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Sustainable packaging
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Since 2012, Kane has recycled 61.64 tons of paper, 196.78 tons of plastic/stretch wrap, 12,822.39 tons of cardboard, 101.24 tons of cans/bottles, 14.3 tons of steel, and 148.9 tons of wood.

KENCO

kencogroup.com

Kenco's green initiatives include creating a carbon footprint calculator; reducing paper and paper waste with technology; utilizing hybrid automobiles in its fleet; using green power in materials handling solutions; installing solar panels to offset power consumption; optimizing networks to reduce transportation and labor redundancy waste; and using electric auxiliary power units to reduce idle time and fuel consumption.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reduce energy usage
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

For a food site, Kenco reduced the unnecessary disposal of products by 1,200 cans per month, keeping thousands of cans out of landfills.

KNIGHT-SWIFT

knight-swift.com

Knight-Swift promotes a greener lifestyle among employees and clients. The company has a long-term record of substantially reducing CO₂ emissions while simultaneously reducing pollutant criteria emissions.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage

NOTABLE ACHIEVEMENTS:

Knight-Swift received a SmartWay Excellence Award for improving freight efficiency and contributing to cleaner air within the supply chain.



LUFTHANSA CARGO

lufthansa-cargo.com

Lufthansa Cargo created an environmental strategy that focuses on reducing its specific CO2 emissions by 25% by 2020 and searching for improvements in flight-related handling processes to reduce weight and save fuel. With its subsidiary, Jettainer, the company replaced 75% of its standard containers with lighter variants.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Use wastewater
- Reduce energy usage
- Sustainable packaging
- Sustainably source materials
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Lufthansa Cargo invested in two new B777Fs, the most efficient freighter in its class.

LYNDEN

lynden.com

Lynden is the first trucking company to earn the Green Star award for Alaskan businesses. The company's fleets consistently score among the most efficient in terms of CO2 per ton mile, as measured by the SmartWay Transport Partnership.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Sustainable packaging
- Sustainably source materials
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Lynden's Hercules cargo aircrafts now have fuel-efficient microvanes on the aft fuselage, reducing drag. They are expected to save up to 34,000 gallons of fuel per aircraft per year.

MAERSK

maersk.com

Maersk's sustainability strategy focuses on four different areas: climate change, inclusive trade, food loss, and ship recycling. Maersk strives toward a sustainable approach in these specific areas and urges others to also take action.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reuse/recycling program

NOTABLE ACHIEVEMENTS:

Maersk has achieved a total 41% relative reduction in CO2 emissions from the company's activities compared to its 2008 baseline. Maersk strives to reach zero net emissions from its own productions by 2050.

MATSON

matson.com

Matson is ahead of IMO2020 vessel fuel compliance deadlines with scrubbers being installed on its existing vessels. The company is also building four new vessels that are dual-fuel. Matson has been EPA SmartWay-certified since 2008 and a Top Transport Partner since 2013.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Sustainably source materials

NOTABLE ACHIEVEMENTS:

In 1993, Matson was the first carrier to have a zero-waste discharge policy for vessels.



MURPHY WAREHOUSE

murphywarehouse.com

Murphy Warehouse Company has embraced green practices throughout its nearly 3 million square feet of warehouse space, dotting its campuses with native prairies, populating its roofs with solar panels, and installing energy-efficient LED lighting.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Use wastewater
- Reduce energy usage
- Sustainable packaging
- Sustainably source materials
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Murphy has three LEED Gold campuses and four Energy Star campuses.

NFI*nfindustries.com*

NFI partners with customers to implement natural gas fleets across the country and advocate for natural gas fueling stations. NFI integrates new technology to improve aerodynamics across its dedicated fleet of more than 2,700 trucks, improving fuel usage using AirTabs, trailer skirts, battery-powered APUs, and speed limiters. The company is a four-time EPA SmartWay Excellence award winner and a member of the ACT Expo High Volume Fleet Planning Committee.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Sustainable packaging
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

NFI's fleet is comprised of low-emission late model tractors. The company's fleet is the first to operate class-8, zero-emission electric tractors in a transportation operation.

NORFOLK SOUTHERN*nscorp.com*

Norfolk Southern is reducing its environmental impact through initiatives to improve locomotive fuel efficiency and reduce emissions. The company's goal is to offer supply chain partners consistent and reliable services that are cost-efficient and minimize impacts to the environment.

CURRENT GREEN INITIATIVE:

- Reduce greenhouse gas emissions
- Reuse/recycling program
- Reduce energy usage
- Sustainably source materials
- Energy-efficient lighting
- Capturing, treating, and reusing stormwater in work processes

NOTABLE ACHIEVEMENTS:

Since 2017, Norfolk Southern's locomotive fuel-efficiency program has conserved more than 46 million gallons of diesel fuel, avoiding more than 467,000 metric tons of carbon emissions.

NORTHWEST SEAPORT ALLIANCE*nwseaportalliance.com*

As the fourth-largest containerized gateway in North America, Northwest Seaport Alliance is comprised of a partnership between the ports of Tacoma and Seattle. It reduces port-related emissions through clean truck programs, shore power at terminals, retrofitted cargo-handling equipment, and cleaner-burning ship fuels. It is working to achieve the Northwest Ports Clean Air Strategy greenhouse gas and diesel particulate matter reduction goals.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Sustainably source materials
- Energy-efficient lighting
- Habitat development
- Clean truck program

NOTABLE ACHIEVEMENTS:

In 2016, Northwest Seaport Alliance reduced GHG emissions by 19.3%.

nVISION GLOBAL*nvisionglobal.com*

nVision Global helps customers understand and implement green practices to reduce their carbon footprints. Its products provide this information in terms of both kilometers and miles, as well as easy-to-use interactive graphs and the ability to export all the data for further analysis outside the application.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions

NOTABLE ACHIEVEMENTS:

nVision's Eco Green Portal for Carbon Footprint is available for all customer shipments through the use of IMPACT TMS.

ODYSSEY LOGISTICS & TECHNOLOGY*odysseylogistics.com*

Odyssey Logistics & Technology helps its customers reach corporate sustainability goals by reducing waste and carbon emissions. Its newly opened Engineering Technology Center in Katy, Texas, allows its engineers to focus on providing safe, cost-effective, and sustainable transportation solutions.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reuse/recycling program
- Reduce energy usage

NOTABLE ACHIEVEMENTS:

As a Responsible Care and SmartWay partner, Odyssey provides logistics solutions that account for economic factors as well as social and environmental risks and opportunities.



OLD DOMINION FREIGHT LINE

odfl.com

An EPA SmartWay-certified company, Old Dominion Freight Line continues to invest in its newest 2018 fuel-efficient fleet. It is retrofitting all of its service centers with LED lights and motion detectors to minimize electricity use. The company also recycles everyday materials such as oil, filters, and scrap steel.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reuse/recycling program
- Use wastewater
- Reduce energy usage
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Old Dominion's fleet is comprised of trailers equipped with aerodynamic skirts to lower wind resistance and conserve fuel.



ORBIS CORPORATION

orbiscorporation.com

ORBIS' packaging is designed to replace one-time-use materials. It can be recovered, recycled, and reprocessed into new packaging products at the end of its service life. ORBIS also offers a reusable packaging management service to help customers extend packaging life spans and prevent loss.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reuse/recycling program
- Reduce energy usage
- Sustainable packaging
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

In 2018, more than 40% of the resin ORBIS used to manufacture products was made from recycled content.

PECO PALLET

pecopallet.com



PECO builds its wood block pallets from responsibly forested timber and continually repairs, reuses, and recycles them. PECO never uses harmful chemicals on its pallets.

CURRENT GREEN INITIATIVES:

- Reuse/recycling program
- Sustainable packaging

NOTABLE ACHIEVEMENTS:

PECO cycles its pallets approximately four times per year. Additionally, once pallets are retired, their parts are recycled, rather than thrown away.

PENSKE LOGISTICS

penskelogistics.com

Penske participates in the EPA's SmartWay, Green Power Partnership, and Waste Wise programs. It performs an annual GHG emission inventory, discloses its GHG emissions information to the Carbon Disclosure Project, and conducts energy audits/analyses to identify opportunities to save money and reduce its carbon footprint.



CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

From 2017 to 2018, Penske increased its use of renewable energy from 10% to 17%. Since 2013, it has avoided a total of 25 million pounds of CO2 emissions.

PERFORMANCE TEAM

performanceteam.net

Performance Team has been a SmartWay Partner since 2008 and is a member of the Coalition for Responsible Transportation. All trucks in its fleet run SmartWay-approved tires and use trailer skirts and under trays to improve fuel efficiency. With a \$3.7-million grant, the company is investing in near-zero-emissions trucks. PT utilizes on-demand packaging and recycles corrugate and e-waste.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Sustainable packaging
- Sustainably source materials
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Since 2013, Performance Team has transloaded more than 320,000 containers using a 3:2 compression standard, translating to about 215,000 outbound trailers and a 30% carbon-reduction footprint.

PITT OHIO

pittohio.com

PITT OHIO is taking its pilot renewable energy microgrid to a new level by increasing solar panels from 180 to 700 and wind turbines from one to eight. The company is also testing electric trucks that can be powered off renewable energy and provide drivers with a cleaner, more comfortable driving experience.

CURRENT GREEN INITIATIVES:

- Use alternative fuels or energy sources
- Reuse/recycling program
- Solar panels



NOTABLE ACHIEVEMENTS:

In 2017, PITT OHIO reduced its overall electricity usage by 6%.

PORT JERSEY LOGISTICS

portjersey.com

Port Jersey Logistics operates 1 million square feet of warehousing space, with each facility designed to reduce the organization's total carbon footprint. Whether it's cardboard recycling programs or solar panels, Port Jersey has enacted multiple initiatives to ensure energy efficiency across the board.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Port Jersey Logistics employs electric forklifts and energy-efficient lighting in all of its warehouses.

PORT OF LONG BEACH

polb.com



Port of Long Beach pledges to lessen its impact on society and the environment by implementing sustainable practices. The port aims to preserve natural resources by considering eco-friendly alternatives in design and construction, operations, and administrative practices.

CURRENT GREEN INITIATIVES:

- Reduce energy usage
- Reduce greenhouse gas emissions
- Reuse/recycling program
- Evaluate land for solar and wind power opportunities

NOTABLE ACHIEVEMENTS:

Port of Long Beach implemented the Green Port Policy, which aims to reduce the negative impacts of port operations in addition to its 20-year history of environmental protection programs. The policy includes six basic program elements: wildlife, air, water, soils/sediments, community engagement, and sustainability.

PORT OF LOS ANGELES

portoflosangeles.org

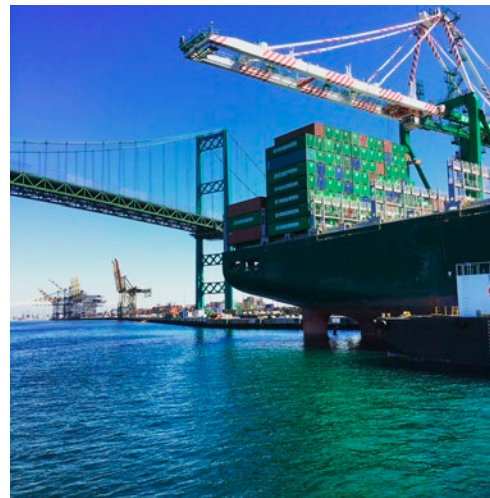
California Air Resources Board awarded \$41 million to the Port of Los Angeles for the Zero-Emission and Near Zero-Emission Freight Facilities project. The project is part of California Climate Investments, a statewide initiative that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy, and improving public health and the environment—particularly in disadvantaged communities. For the past 10 years, the Port of Los Angeles has invested more than \$350 million in environmental programs and initiatives to continue greening Los Angeles Harbor.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reduce energy usage
- Solar panels

NOTABLE ACHIEVEMENTS:

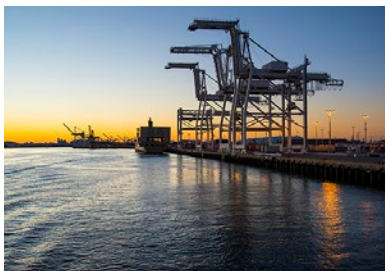
The Port's Zero and Near Zero-Emission Freight Facilities project aims to reduce emissions by 465 metric tons of greenhouse gas and 0.72 weighted tons of NOx, ROG, and PM10.



PORT OF OAKLAND

portfoakland.com

The Port of Oakland studies all the impacts of a thriving economy to mitigate unintended negative impacts, including pollution (air, water, noise) and infrastructure wear and tear. The port is involved in dozens of innovative programs, including creative, problem-centered partnerships and collaborations that work to identify, quantify, and meet environmental challenges.



CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling programs
- Use wastewater
- Reduce energy usage
- Sustainably source materials

NOTABLE ACHIEVEMENTS:

The Port of Oakland's energy efficiency rebate program provides tenants the opportunity to replace their energy-inefficient electric equipment and fixtures. The port's energy rebate program encourages the implementation of energy-saving initiatives in the facility.

PUROLATOR

purolator.com

Purolator strives to reduce its carbon footprint by using greenhouse gas reporting, fleet efficiency, eco-driving practices, energy efficiency, and product packaging/labeling.



CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reduce energy usage
- Reuse/recycling program

NOTABLE ACHIEVEMENTS:

Purolator has introduced the Quicksider prototype, which is the first fully electric delivery truck in the courier industry. In testing, the prototype is reported to have reduced up to 85% of GHG emissions.

RAYMOND CORPORATION

raymondcorp.com

The Raymond Corporation's efforts include upgrading to an automated logic and lighting controls program to zone and control lighting, heating, and air conditioning based on utilization; incorporating occupancy sensors to eliminate wasted lighting in the main and facility offices; using water reclamation from the powder-coat paint system; and installing supplemental active solar lighting.

CURRENT GREEN INITIATIVES:

- Use alternative fuels or energy sources
- Reuse/recycling program
- Use wastewater
- Reduce energy usage
- Sustainable packaging
- Sustainably source materials
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

100% of Raymond's wood pallets are recycled/reused, and it recycles 97.6% of byproducts.

RINCHEM

rinchem.com

Rinchem replaced lighting with energy-efficient resources at all company locations. Its transportation group adds energy-efficient solutions for new assets, and it requires its partners to have green initiatives in place. The company only purchases automatic trucks for energy efficiency, and all are SmartWay certified for CO2 emissions.

CURRENT GREEN INITIATIVES:

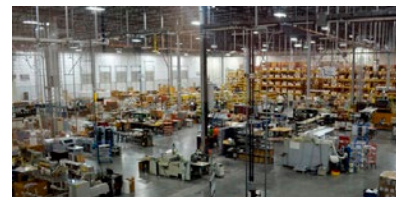
- Reduce greenhouse gas emissions
- Reuse/recycling program
- Use wastewater
- Reduce energy usage
- Sustainable packaging
- Sustainably source materials
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Rinchem's energy-efficient lighting saves the organization an average of 248,230 kWh per year, per site.

RR DONNELLEY

rrdonnelley.com



RR Donnelley has made efforts toward sustainability by implementing the Environment, Health and policy. The policy focuses on four objectives to minimize the company's environmental impact: resource efficiency, procurement, waste minimization, and stewardship.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reuse/recycling program
- Use wastewater
- Sustainable packaging
- Reduce energy usage
- Paperless initiatives

NOTABLE ACHIEVEMENTS:

RR Donnelley uses oxidizers to control the emissions produced from printing processes. The company continues to invest in emerging technologies that prioritize using less natural gas while achieving better overall performance.

RUAN

ruan.com

Since 2018, Ruan has purchased and utilized more than 1.05 million gallons of fully renewable hydrocarbon diesel and approximately 8 million gallons of biodiesel. The company shares clean fleet messages to the broader transportation industry, with representatives presenting at many conferences, including the ACT Expo in Long Beach, California.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Energy-efficient lighting
- Fuel economy initiatives

NOTABLE ACHIEVEMENTS:

Ruan has run more than 90 million miles with natural gas-powered equipment, including 60 million miles run on renewable natural gas sourced from cattle manure.



RYDER SYSTEM

ryder.com

To improve fuel economy and reduce emissions, Ryder utilizes cleaner-burning fuels and invests in alternative fuel technology. To enable greater adoption of electric vehicles (EVs) and alternative fuel technologies, Ryder has reserved hundreds of Chanje and Workhorse EVs to make them available for customers to incorporate into their fleets.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Sustainably source materials
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Since 2000, Ryder has saved 100 million kWh of electricity. Since 2015, it has saved 180 million pounds of carbon dioxide equivalents.



SADDLE CREEK LOGISTICS SERVICES

sclogistics.com

Saddle Creek Logistics Services is known for its environmental leadership. The company has found new ways to minimize fuel use and emissions by adopting the use of compressed natural gas.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Saddle Creek launched a fleet of eco-friendly CNG trucks, each of which saves about 120,000 pounds of carbon per year and has replaced more than 15 million gallons of diesel since their introduction.



SAP

sap.com

SAP is committed to being a role model in reducing its own greenhouse gas emissions. In 2016, SAP was ranked a #1 software company in Dow Jones' Sustainability Index. This ranking acknowledges SAP's programs to cut emissions, encompass energy-efficient initiatives, and shift to 100% renewable energy.

CURRENT GREEN INITIATIVES:

- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

SAP's focus on carbon emissions contributed to a cumulative cost avoidance of \$309.9 million since 2016.



SCHENKER

dbschenker.com

Schenker consults its customers in their climate targets and creates tailor-made sustainable transport chains. It engages in industry platforms with its peers, carriers, and shippers to set up joint projects on fuel innovation. The company also engages with policy makers to implement regulations on sustainable transportation.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Use wastewater
- Reduce energy usage
- Sustainable packaging
- Sustainably source materials
- Solar panels
- Energy-efficient lighting
- Reduce pollutants

NOTABLE ACHIEVEMENTS:

Between 2006 and 2018, Schenker reduced close to 27% of its carbon intensity of air, ocean, and land transports Scope 1-3.

SCHNEIDER

schneider.com

Schneider's on-site engineers have been testing and evaluating new products and technologies continuously via SAE methodology since 1989. Most of the company's new tractors are equipped with auxiliary power units, which reduce main engine idling. Schneider is a charter member of the EPA's SmartWay program and a nine-time winner of its Excellence Award.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Use wastewater
- Reduce energy usage
- Sustainably source materials
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Between 2017 and 2018, Schneider reduced fuel consumption by 5 million gallons.



SHIPPERS GROUP

theshippersgroup.com

Shippers Group removed high-emissions forklifts from its fleet, and removed 206 metric tons of non-greenhouse gas emissions from the atmosphere. As part of its Zero Landfill Initiative, it recycled 2,358 tons of cardboard, plastic, and paper, and reused 4,000 units of dunnage and air bags. Shippers Group's Wilmer, Texas, DC is equipped with high-efficiency electric chillers and T5 lighting with motion sensors.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Use wastewater
- Reduce energy usage
- Sustainably source materials
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

As part of its Texas Emissions Reduction Plan, which started in 2007, Shippers Group recycled 4.7 million pounds of cardboard, chipboard, paper, and plastic.

SOUTH CAROLINA PORTS AUTHORITY

scspa.com

South Carolina Ports Authority's (SCPA) commitment to environmental stewardship includes low gate turn times for trucks; fully electrified cranes and terminal transloading equipment; a reduction of idling on or near port property; and a 100% compliance with air quality standards and voluntary air monitoring. The port is a member of the Southeastern Diesel Collaborative and the Coalition for Responsible Transportation, and it supports local environmental groups. SCPA designed its new headquarters building with an energy monitoring system to optimize usage; low-flow plumbing fixtures; high-performance glazing on windows and external sun shades; a high-efficiency HVAC system and components; and high-efficiency LED lighting.



CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Sustainably source materials
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

SCPA developed an inland port network consisting of two facilities in South Carolina—Inland Port Greer and Inland Port Dillon—that increase freight tonnage moved by rail per gallon of fuel.



TOYOTA MATERIAL HANDLING

toyotaforklift.com

Toyota Material Handling offers eco-friendly forklifts, featuring recyclable parts and emission systems that meet California’s stringent standards. Its manufacturing facility implemented 1,700 energy-saving measures over the past five years, resulting in a CO2 emission reduction of 120,000 tons.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reduce energy usage

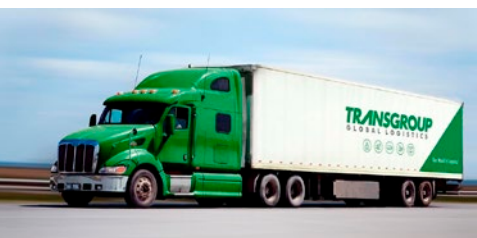
NOTABLE ACHIEVEMENTS:

Toyota is the first manufacturer to have UL-listed, EPA, and CARB-certified compressed-natural-gas-powered forklifts.

TRANSGROUP GLOBAL LOGISTICS

transgroup.com

TransGroup has been a member of the EPA’s SmartWay Transport Partnership since 2007. Internal company sustainability initiatives include energy conservation, recycling, waste reduction, and paperless initiatives.



CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

TransGroup was the first freight forwarder to have a SmartWay partnership, dating back to 2007.

TRANSPPLACE

transplace.com

Transplace is committed to helping customers achieve their sustainability goals. Several of the company’s supply chain improvement initiatives help customers reduce their emissions through the use of more fuel-efficient modes of transportation and the overall reduction in number of shipments needed through consolidation and co-loading arrangements.

CURRENT GREEN INITIATIVES:

- Mode conservation
- Consolidation
- Use alternative fuels or energy sources

NOTABLE ACHIEVEMENTS:

Transplace executed 12.8 billion ton miles on carriers registered with the EPA Smartway Program in 2016; 96% of ton miles for Managed Transportation business were procured through SmartWay-registered carriers.

TRANSPORTATION INSIGHT

transportationinsight.com

Transportation Insight’s integrated Enterprise Logistics solutions leverage multi-modal insight, expertise, and technology-driver data analysis to help clients improve supply chain performance. Transportation Insight is an ongoing participant in the SmartWay Partnership program.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reuse/recycling program
- Reduce energy usage
- Sustainable packaging
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

In 2016, Transportation Insight received the SmartWay Excellence Award.

U.S. XPRESS

usxpress.com

In 2019, U.S. Xpress celebrated its 15th year as a SmartWay Transport partner. Its energy-efficient alterations include fuel-efficient tires, aerodynamic mud flaps, an engine controller-based fuel incentive program, road speed limit policies, and a true GPS dual-mode satellite communications system.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reuse/recycling program
- Reduce energy usage
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

In 2018, U.S. Xpress ranked in the top 20% of SmartWay carriers, producing 16% less smog compared to 2017.





UNION PACIFIC RAILROAD

up.com

Union Pacific moves freight in an environmentally responsible way, optimizing supply chain sustainability and economic growth. The railroad is an integral partner to many industries striving to enhance supply chains, lower costs, achieve significant environmental impact, and accomplish sustainability goals.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reuse/recycling program
- Reduce energy usage
- Sustainably source materials
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

On average, Union Pacific moves one ton of freight 444 miles on a gallon of diesel fuel, making rail one of the most fuel-efficient means of transportation.

UPS

ups.com

UPS continues making progress on its sustainability goals and is aiming for 25% of total electricity to come from renewable sources by 2025. By that time, the company also hopes to source 40% of all ground fuel from sources other than conventional gasoline/diesel.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reduce energy usage
- Sustainable packaging
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

In May 2019, UPS made the largest purchase ever of renewable natural gas in the United States from the Clean Energy Fuels Corp.

VERITIV LOGISTICS SOLUTIONS

veritivcorp.com

Veritiv supports efforts to preserve, replenish, and enhance the environment for future generations. Since 2014, the company has been a SmartWay partner committed to reducing carbon emissions into the environment.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Reuse/recycling program
- Reduce energy usage
- Sustainable packaging

NOTABLE ACHIEVEMENTS:

Veritiv implemented paperless billing, reducing the consumption of paper by almost 1 million sheets per year.



WERNER LOGISTICS

werner.com

Werner has earned the SmartWay Excellence Award five times. The company uses electronic logging, which reduces out-of-route miles and eliminates the need for paper log books, saving trees and reducing the amount of waste in the environment.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Since 2007, Werner has saved over 249 million gallons of diesel fuel and reduced CO2 emissions by more than 2.8 million tons.

WSI (WAREHOUSE SPECIALISTS LLC)

wsinc.com

WSI employs natural landscaping and green space to minimize stormwater runoff and surface pollutants. It uses electric-powered equipment when possible. The company runs active recycling programs at all facilities, amounting to thousands of tons of materials recycled each year.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

In 2019, WSI won the American Chemistry Council's Responsible Care Employee of the Year award.



XPO LOGISTICS

xpo.com

XPO Logistics promotes environmental, social, and organizational sustainability through the decisions it makes and its interactions with colleagues, customers, suppliers, and other stakeholders. XPO believes sustainability fosters equitable workplaces for employees and is important to many of its stakeholders, which is why the company is committed to transitioning to a low-carbon economy.



CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Sustainable packaging
- Sustainably source materials
- Solar panels
- Energy-efficient lighting
- Network optimization
- Sustainability reports

NOTABLE ACHIEVEMENTS:

XPO installed LED lighting in approximately 35 of its new facilities and retrofitted 11.

YALE MATERIALS HANDLING CORPORATION

yale.com

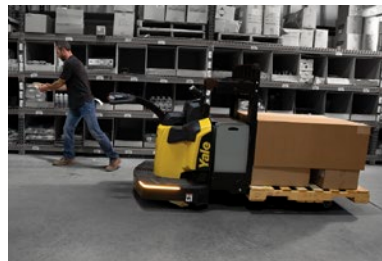
Yale's lift truck power solutions reduce emissions and waste. A lithium-ion battery pack lasts up to five times longer than a lead acid option, reducing recycling waste. Hydrogen fuel cells offer a 33% savings in greenhouse gas emissions compared to lead acid batteries charged from the electrical grid.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Reduce energy usage
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Yale offers the broadest range of power options available in North America across a comprehensive range of lift trucks.



YRC WORLDWIDE

ycrw.com

YRC Worldwide companies are past recipients of the SmartWay Environmental Excellence Award, and the EPA named its team a SmartWay Champion. The company's fleet strategy centers on equipment use, cleaner-burning fuels, and fuel-efficient engines. YRC has self-imposed restrictions on power-unit idling to reduce emissions and save fuel, and it uses biodiesel fuel, which burns cleaner than petroleum-based diesel.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling programs
- Reduce energy usage
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

Since the beginning of 2015, YRC has replaced 20% of its tractors and 15% of its trailers. YRC also caps speed below 65 mph on all units, which reduces fuel consumption and emissions.

YUSEN LOGISTICS

yusen-logistics.com

Yusen Logistics upgraded its Carson, California, facility with energy-efficient lighting, as well as a white roof, which keeps the warehouse cool by deflecting up to 80% of sunlight, resulting in significant energy savings. Yusen Logistics is rolling out lithium-battery-powered forklifts in Carson, as well as at its Sumner, Washington, facility.

CURRENT GREEN INITIATIVES:

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reduce energy usage
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS:

The company's investment in more than 30 lithium-ion battery powered forklifts will result in an average energy savings of 16% per truck.

