



GREEN SUPPLY CHAIN PARTNERS

Inbound Logistics' annual G75 is an editors' choice list of 75 companies that go above and beyond to ensure their global supply chains are sustainable, and that their operations are socially and environmentally friendly. These companies are dedicated to developing and implementing best practices that leave a positive footprint on the world.

A. Duie Pyle

www.aduiepyle.com

A. Duie Pyle invests in equipment that promotes conservation and decreases the consumption of resources in its warehouses, facilities, and fleet. Forty-five percent of Pyle's trucks were built within the past 3.5 years, which is below the industry average of 5.2 years. This minimizes exhaust emissions and improves fuel economy. Pyle's service centers use electric forklifts, which reduce carbon emissions by 24,000 pounds per unit.

In 2010, Pyle invested in more than 4,000 solar panels for its Parkesburg, Pennsylvania, warehouse, enabling the 570,000-square-foot facility to run on 100% solar energy. Its Bronx, New York, service center uses 100% LED lighting with tube lights in shops and break rooms harnessing sunlight. In 2020, Pyle opened a new service center in Hagerstown, Maryland, with integral LED lighting systems and solar light piping.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

A. Duie Pyle installed self-inflating tires and implemented paperless operations.



AAA Cooper Transportation

www.aaacooper.com

AAA Cooper Transportation installed enhanced/full aerodynamic fairing packages, converted oil to lighter-weight synthetic for better fuel economy, installed tire pressure systems designed for drive tire position to improve MPG, and installed next-generation skirting on van trailers for airflow direction.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

AAA Cooper Transportation designed data centers to reduce HVAC demands and overall utility consumption.

Alliance Shippers

www.alliance.com

Alliance Shippers continues to reduce its carbon footprint by adding EverGreen refrigeration units that are CARB compliant for the life of the unit. The company equips its refrigerated trailers and containers with two-way cellular tracking devices, drawing power from a solar-powered battery source within its refrigeration units. This technology allows units to be plugged into an electric source while sitting in a yard or at a dock. Building its fleet of refrigerated equipment with the most current

technology enables Alliance Shippers to move refrigerated goods via rail—reducing CO2 output by approximately 67% or 1 billion pounds compared to moving the same goods via trucks.

As an active participant in the SmartWay program, Alliance Shippers works closely with original equipment manufacturers to utilize CARB-compliant components and practices as part of its specifications for any new trailer/container build. Its investment in solar panels allows the company to use the sun's energy to continuously charge the batteries on its fleet, lowering fuel consumption and reducing emissions.

Alliance Shippers also manages the run time on units at customer pool locations to reduce carbon emissions and optimize asset utilization to increase capacity.



GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

A SmartWay participant provider since 2006, Alliance Shippers was honored with a SmartWay Excellence Award in 2017 and 2019—one of 62 companies to receive this distinction.

Americold

www.americold.com

In 2020, Americold invested more than \$8.4 million in sustainability projects ranging from energy-saving LED lighting to rooftop rainwater harvesting systems. The company works closely with customers to optimize their supply chains with a focus on reducing transportation mileage to decrease CO2 emissions.

Americold continually evaluates technology to drive improvements in energy efficiency, water usage, greenhouse gas emission reductions, and overall stewardship of resources. Its sustainability efforts are led by energy teams in direct partnerships with every operations leader in the company, engaging the entire organization to practice sustainability stewardship.

GREEN INITIATIVES

- Reduce greenhouse gas emissions
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- Use wastewater
- Reduce energy usage
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENT

Americold was recognized as the #1 cold storage leader for energy excellence by the Global Cold Chain Alliance.

Averitt Express

www.averittexpress.com



Averitt Express is a founding member of SmartWay. As one of 52 charter members, Averitt Express agreed to meet specific environmental and energy-saving goals while sharing its progress annually with the EPA. Through this program, the company established

a systematic approach to both reduce emissions and conserve fuel. As a result, Averitt Express has earned a SmartWay score of 1.25, which represents "outstanding environmental performance," according to the EPA.

GREEN INITIATIVES:

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

NOTABLE ACHIEVEMENT

Since joining the SmartWay program, Averitt Express has achieved a 38% reduction in carbon dioxide emissions, 88% reduction in nitrogen oxide emissions, and saved 6.2 million gallons of diesel fuel.

Bolloré Logistics

www.bolloré-logistics.com



Bolloré Logistics maintains a strong CSR program structured around 41 environmental, social, societal, and ethics benchmarks. Key objectives are the reduction of scope 1 and 2 greenhouse gas emissions and the reduction of its indirect CO2 emissions.

To achieve these targets, the company launched a global energy efficiency program composed of solutions focused on behaviors and technologies. It also implemented a low carbon transport plan to support customers, carbon pacts with maritime companies, strong CO2 reporting, circular economy projects, and sustainable innovations within its innovation center.

GREEN INITIATIVES

- Reduce greenhouse gas emissions
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- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENT

In April 2021, EcoVadis gave Bolloré Logistics a Platinum rating, its highest level of recognition.

C.H. Robinson

www.chrobinson.com

C.H. Robinson is more than halfway toward its goal of reducing emissions intensity 40% by 2025 over its 2018 baseline numbers. It achieves this progress by finding energy efficiencies within its facilities and leveraging renewable energy options.

C.H. Robinson has implemented several sustainability projects, including Gold LEED certification in its largest operating facility in Chicago; single-sort recycling in its offices; paperless invoicing for customers, with a goal of going 100% paperless; and LED lighting in some facilities.

The company received the 2021 EcoVadis Bronze Medal in recognition of sustainability achievement. An EPA SmartWay Transport partner since 2005, C.H. Robinson collaborated with MIT and SmartWay to create a new standard of measuring LTL emissions. Moreover, the company launched Emissions IQ, a self-serve technology that measures carbon emissions from shipments managed by C.H. Robinson across mode, location, and retailer.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

C.H. Robinson offers a greenhouse gas emission calculator for customers and carriers, renewable energy credits, and carbon offsets.

Cargo Transporters

www.cgor.com

Cargo Transporters continues to invest in more fuel-efficient trucks, trailers, and major components. In 2020, the company renewed its SmartWay certification, invested in shorepower connections for trucks, installed solar-powered trash/recycling bins, installed new HVAC thermostats with scheduling capabilities, and moved its data center to a more energy-efficient facility.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

Cargo Transporters deployed 14 solar-powered compacting trash/recycling bins across its terminal parking.

CEVA Logistics

www.cevalogistics.com



CEVA Logistics incorporates environmental considerations in its operations, from warehousing to transportation to procurement.

CEVA's 2021 environmental initiatives in North America include tree planting programs in the United States, Mexico, and Canada; park trash clean-up programs; switching materials handling equipment to electric; numerous recycling programs; switching to LED lights to lower electricity usage; actively procuring CNG tractors; piloting electric mid-duty trucks in California; and instituting a zero-plastic water bottle program in its Canada facilities.

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NOTABLE ACHIEVEMENT

As an inaugural participant in the United Eco-Skies Alliance, CEVA Logistics is taking a lead in the air cargo industry to reduce logistics-related environmental impacts by increasing demand for sustainable aviation fuel.

CJ Logistics America

www.cjlogisticsamerica.com

CJ Logistics America continues to identify sustainability projects to implement in partnership with its customers. The company tracks performance on six key metrics—electricity, natural gas, propane, water, recycled tonnage, and waste tonnage. It also monitors the performance of each location, identifies the most promising network-wide projects, and sets goals to reduce its carbon footprint.

CJ Logistics' transportation-focused sustainability efforts include consolidated shipping for which it tracks carbon savings month over month, SmartWay certification, and a strict no-idle policy. The company regularly engages in large-scale network modeling projects for many customers. While the goal of its network redesign is generally efficiency and cost reduction, better placed warehouses and optimized transportation routes also result in a more sustainable network with a reduced carbon footprint.

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NOTABLE ACHIEVEMENT

By consolidating multiple customers with a single destination onto shared trucks, CJ Logistics America reduces trucks on the road and miles traveled while also reducing costs for program participants.

Crowley

www.crowley.com

Crowley enhances sustainability by using more biofuel to power vessels. It also uses cleaner-emission tugboat and closed-loop ballast water systems. Crowley Engineering Services designed the first fully electric U.S. tugboat with autonomous technology, providing a sustainable solution for ship assist and harbor services at ports.

Crowley's terminals have implemented new operating systems that reduce idling emission time by 50%, leading the EPA to honor Crowley Trucking as a 2020 SmartWay High Performer. LNG-powered container ships have reduced greenhouse gases by more than 32% per container.

The company put in service 850 new refrigerated units with more energy-efficient systems and a new inspection dock with more energy-efficient power supplies and continuous real-time monitoring.

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- Reduce greenhouse gas emissions
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NOTABLE ACHIEVEMENT

Crowley practices recycling in all facilities and reduces waste material usage.





CSX

www.csx.com

CSX practices transparency and adopts new technologies to achieve its goal of reducing scope 1 and 2 greenhouse gas emissions intensity by 37% between 2014 and 2030. This goal, the most ambitious in the transportation sector at the time it was approved by the Science Based Targets initiative, has led freight rail and other transportation companies to adopt strategic and significant goals of their own. CSX is investing in near-term efficiency efforts and long-term transformational technologies to drive the company toward achievement.

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NOTABLE ACHIEVEMENT

In 2021, CSX set new environmental goals after accomplishing all its 2020 environmental goals.

CT Logistics

www.ctlogistics.com

CT Logistics invested in software developments in 2020, targeting the ability to provide shippers the tools to make greener choices in their supply chain every day. CT's FreightRater Lion software helps shippers drive energy efficiency with supply chain routing analysis

technologies. The software consolidates small shipments into a truckload with stop-offs to reduce costs and fuel, enabling shippers to choose environmentally conscious routings, mode selections, and carriers with the shortest transit times to reduce fuel consumption and lower CO2 emissions.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

At least 40% of CT Logistics' 6-acre corporate campus will remain undeveloped and wooded. Employees recycle all cardboard and paper, copier and printer toner and ink cartridges.

DHL Supply Chain

www.dhl.com

In March 2021, Deutsche Post DHL Group unveiled a sustainability roadmap to further support its ongoing efforts to eliminate 50% of emissions by 2025 as part of its goal to reduce all logistics-related emissions to zero by 2050. The Group committed to investing more than \$8 billion in clean operations—including electric vehicles and green warehousing technologies.

To meet its target of reducing greenhouse gas emissions to net zero by 2050, the company offers numerous innovative solutions to make supply chains more sustainable and help customers achieve their environmental goals.

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
- Circular and reverse logistics

NOTABLE ACHIEVEMENT

DHL Supply Chain is on track for all DHL owned or leased facilities to operate at net zero carbon by 2025.



DHX-Dependable Hawaiian Express

www.dhx.com

In 2021, DHX reached a sustainability milestone with its 10th annual GreenWay Miles Carbon Audit. Its decade-long commitment to tracking emissions has allowed the company to document a 78% reduction in same-facility emissions from its original audit in 2011.

In 2019, DHX began carbon-neutral operations in its warehouses, investing in VCS Standard carbon offsets. DHX also offers carbon-neutral shipping. All of its larger facilities are solar-powered, and DHX continues to invest in truck technology to reduce emissions.

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NOTABLE ACHIEVEMENT

DHX installed electric vehicle charging stations for employees.

DSV

www.dsv.com

Through the Science Based Targets initiative, DSV has committed to rigorous goals for global greenhouse gas emissions reductions. Its initiatives include implementing a global multisite certificate for ISO 9001 (Quality), ISO 45001 (Health & Safety), and ISO 14001 (Environment).

m2, its largest hub in Northern Europe, has recycling programs for paper, cardboard, and plastic; in 2021, DSV is launching a recycling project to increase its global efforts.

DSV Solutions, its warehousing and contract logistics division, initiated a sustainability program. Led by local ambassadors, the program has two tracks: 1) interacting with customers and suppliers to implement green solutions, and 2) optimizing technical solutions in its own offices and warehouses, including automatic control of heating, cooling, and ventilation. The program also introduces more sustainable equipment such as energy-efficient forklifts and alternative packaging solutions in warehouses.



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NOTABLE ACHIEVEMENT

DSV received the Chemours Supplier Award in Sustainability in 2020.



Echo Global Logistics

www.echo.com

Echo Global Logistics works with its shipper and carrier partners to adopt procedures that reduce waste through recycling practices, minimize impact by reducing pollutants, increase the use of environmentally acceptable materials, and actively promote environmental awareness. Echo is certified in the ISO standard 14001: 2015. This means Echo's environmental management system meets the requirements of ISO.

Internally, Echo promotes company-wide recycling efforts, encourages employees to commute using public transportation, and provides staff with wellness options that benefit them and the environment.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

Since 2010, Echo has partnered with the EPA's SmartWay program to measure, benchmark, and improve its environmental footprint. Echo shares its freight activity with the EPA, which tracks carbon dioxide, nitrogen oxide, and particulate matter emissions. Echo's emissions scores rank above average and continue to improve.

Erb Group of Companies

www.erbgroupp.com

A SmartWay partner, the Erb Group of Companies' aerodynamic tractors improve fuel economy and have fuel-efficient tires that extend mileage and the lifetime of the tire. Trailer tires have a low-rolling

resistance design to maximize fuel efficiency. Tire inflation systems extend tire life and increase fuel efficiency. Computerized truck transmissions also enhance fuel economy.

Its fleet features battery-operated auxiliary power units, eco mud flaps that reduce fuel costs and improve performance, fuel economy packages, and pup trailers with solar panels to charge batteries and conserve fuel. The company's long-combination vehicles reduce miles, save fuel, and reduce greenhouse gases. Its trailer tails improve fuel efficiency by 5.5% by streamlining airflow and reducing rear drag.

GREEN INITIATIVES

- Reduce greenhouse gas emissions
- Reduce energy usage
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENT

Erb's fleet includes high-torque engine packages that offer cleaner exhaust emissions.

Estes

www.estes-express.com

Estes was one of the first trucking companies to join the EPA SmartWay Transport Partnership. The company invests in solar energy, installing solar-powered systems in four of its terminals. Estes also uses technology to plan routes to minimize fuel consumption, reduce carbon dioxide emissions, and ensure it is carrying freight as efficiently as possible. Estes replaces older, less-efficient tractors with EPA-certified models to reduce its carbon footprint.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

Estes provides customers with paperless e-commerce solutions.

Evergreen Line

www.evergreen-shipping.us

Focused on building a green container fleet, Evergreen Line deploys load stability calculation and weather navigation information systems to optimize sailing speed and monitor fuel consumption. Evergreen monitors sailing schedules and adjusts them flexibly.

The ocean line continues to install and use scrubbers in the fleet to reduce sulfide. The shipping line improves the operational efficiency of terminals, adopts shore power, and strictly manages ballast water discharges.

Evergreen complies with the Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships and EU Ship Recycling Regulation. The line disposes of ship waste according to the waste management plan.



GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

With an established corporate CSR policy, Evergreen has aligned its core operating strategy with the UN Sustainable Development Goals.

FedEx

www.fedex.com

To achieve its goal of carbon-neutral global operations by 2040, FedEx invested more than \$2 billion in three key areas—vehicle electrification, sustainable energy, and carbon sequestration.

FedEx is converting its entire parcel pickup and delivery fleet to zero-emission electric vehicles by 2040. This will be accomplished through phased programs to replace existing vehicles. For example, by 2025, 50% of FedEx Express



global parcel pickup and delivery vehicle purchases will be electric, rising to 100% of all purchases by 2030. The company is also building on its Fuel Sense initiatives to continue working to reduce aircraft fuel consumption.

FedEx continues to invest in alternative fuels, efficient facilities, renewable energy, and other energy management programs.

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 ACHIEVEMENT

Since 2012, the FedEx Fuel Sense and Aircraft Modernization programs have saved a combined 1.43 billion gallons of jet fuel and avoided more than 13.5 million metric tons of CO2 emissions.

FreightCenter

www.freightcenter.com

FreightCenter helps shippers green their supply chains by making sure SmartWay-certified trucking companies provide transportation and carriers use optimized lanes and routes, finding the best drivers by location.

FreightCenter's green initiatives include reporting total mileage and freight tonnage, partnering with SmartWay-certified trucking companies, and optimizing lanes and routes to be eco-friendly. One of the company's main goals is to reduce carbon emissions.

GREEN INITIATIVES

- Reduce greenhouse gas emissions
- Reduce energy usage
- Sustainable packaging
- Sustainably source materials

NOTABLE ACHIEVEMENT

The company has been selected as a SmartWay Transport Partner for the past four years, and has won various sustainability awards.

GEODIS

www.geodis.com

One-third of GEODIS sites have triple QSE certification, and its sites are also ISO 14001 certified. GEODIS is a SmartWay partner. Its other global partnerships include EcoTransit, Clean Cargo, and GLEC. Facility teammates lead an Americas Green Team Program. The company also offers Green Site Certification, an education tool to teach facilities how to be sustainable.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENTS

According to the EcoVadis Global Benchmark report, GEODIS ranks in the top 1% of suppliers assessed in its category and has maintained this distinction since 2015. It's in the top 1% of all suppliers assessed in all categories and scored a 70/100, which corresponds to Advanced on the scoring scale and Gold in recognition level. In 2019, GEODIS obtained a B Level score from CDP after an evaluation of its climate change strategy and actions.

Georgia Ports Authority

www.gpa.com

Georgia Ports Authority (GPA) created nine acres of man-made wetlands to treat 100 million gallons of stormwater annually. It has a single-stream recycling program, and all its asphalt resurfacing projects generate millings that are reused throughout Garden City Terminal.



GPA converted its container handling equipment and trucks to ultra-low sulfur diesel, cutting emissions by 10%. Its electric ship-to-shore cranes have integrated generators to capture power while lowering boxes, producing enough energy to power themselves for 18 minutes per operating hour.

GPA uses electric refrigerated container racks, with each avoiding the use of 54,000 gallons of diesel annually. Its new lighting controls and fixtures cut energy consumption by up to 60%.

The port reduces truck idling time through automated gates, extended hours, and the Port of Savannah's Cross Terminal Road. GPA retrofitted 11 locomotives at the Port of Savannah with automatic engine stop-start devices that cut almost 16 tons of emissions each year.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

GPA uses all-electric, rubber-tired gantry (eRTG) cranes at the Appalachian Regional Port. The eRTGs reduce fuel consumption by more than 95% per crane and virtually eliminate emissions of carbon dioxide, nitrogen oxide, and particulate matter compared to diesel-powered RTGs.

GlobalTranz

www.globaltranz.com

GlobalTranz works to reduce its carbon footprint while helping its clients and carrier partners achieve their sustainability goals. It prioritizes green practices in its

own operations and through the solutions it offers to clients.

The third-party logistics provider's CORE Green Team is a program dedicated to reducing the environmental impact of its day-to-day business as well as working outside the community to protect the environment. Initiatives include recycling programs, sustainable materials procurement, paperless processes, electronic invoicing, energy-efficient offices with motion sensors to conserve resources, and community cleanup events.

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 ACHIEVEMENT

GlobalTranz is a long-time participant in the SmartWay Transport Partnership.

Hub Group

www.hubgroup.com



Hub Group provides sustainability-focused services, including intermodal, LTL consolidation, and network optimization, to eliminate network emissions. This includes analyzing customers' supply chains to identify opportunities to implement a program while playing an active, long-term role in their sustainability goals. In 2020, its intermodal service helped customers avoid more than 1.5 million metric tons of CO2.

From an MPG-friendly, day cab-focused company tractor fleet to refrigerated containers with solar-powered IoT devices, Hub Group's equipment also works to reduce

emissions. The transportation and logistics company continues to merge its fleet with technology, initiating an Electric Tractor pilot in April 2021.

GREEN INITIATIVES

- Reduce greenhouse gas emissions
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- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENT

Hub Group has made carbon dioxide reporting a core focus in 2021.

Hyster Company

www.hyster.com

Hyster mitigates environmental impact in intensive industries and meets strict emission standards by offering alternative power options for heavy-duty lift truck applications that have historically depended on internal combustion engines.

During the past two years, Hyster introduced multiple counterbalanced lift trucks engineered around factory integrated lithium-ion power. The J60XNL pneumatic tire truck is engineered around a fully integrated lithium-ion battery that produces zero emissions and zero off-gassing during charging. A new cushion tire version, the E60XNL, expands integrated lithium-ion power to even more applications.

GREEN INITIATIVES

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

Hyster is lithium-ion practical for load capacities ranging from 5,000 to 36,000 pounds, with several high-capacity forklifts offering lithium-ion power that delivers performance comparable to diesel power without the emissions.

IGPS Logistics

www.igps.com

The iGPS pallet is 100% recyclable and 35% lighter than wood alternatives. For every 100,000 pallets shipped, 20,000 pounds of greenhouse gases are reduced. An independent life cycle analysis shows that compared to multi-use and single-use wood pallets, the iGPS pallet has at least 91% less of an impact on ozone layer depletion; 75% less of an impact on eutrophication (i.e., excessive algae growth in waterways due to runoff); 25% less of an impact on abiotic depletion (i.e., fossil fuel consumption); 65% less of an impact on global warming; 60% less of an impact on photochemical oxidation; and 60% less of an impact on acidification.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

iGPS repurposed more than 80 tons of post-consumer plastic into pallets, keeping it out of landfills and waterways.

Inmar Intelligence

www.inmar.com



Inmar Intelligence, a provider of reverse logistics and supply chain solutions, reduces costs and eliminates waste of returned items from consumer goods manufacturers and retailers. Inmar's solutions enable a landfill diversion rate of 98% by placing goods back into commerce, providing donations, and through waste-into-energy initiatives. It keeps 200 million pounds of material from landfills each year

through returns management and liquidation programs.

Inmar's Energy From Waste program produced 10.6 million kilowatt hours of energy in 2018 and 2019. Using energy from waste saved 19,250 barrels of oil in 2018 and 2019. Its return facilities recycle 28 million pounds of clients' cardboard boxes each year.

GREEN INITIATIVES

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NOTABLE ACHIEVEMENTS

Inmar's liquidation services reduce sending returned products to landfills and the company's headquarters building is LEED Platinum Certified.

J.B. Hunt Transport Services

www.jbhunt.com

Through its conversion efforts, J.B. Hunt reduced CO2e emissions in 2020 (versus an all-truck alternative) by approximately 50% or about 3.4 million metric tons. Using J.B. Hunt 360, it filled more than four million empty miles last year by successfully matching empty segments with unutilized trucks. This initiative helped reduce its greenhouse gas emissions by approximately 6,112 metric tons of CO2e in 2020.

In 2020, J.B. Hunt completed its first delivery using an all-electric Class 8 truck. Additional sustainability initiatives include reducing engine idle time, governing top-speed limits, engineering fleet routes that maximize efficiency, and using biodiesel fuels.

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NOTABLE ACHIEVEMENTS

J.B. Hunt has received the EPA SmartWay Excellence Award for 11 consecutive years. The company was also named a 2020 SmartWay High Performer.

Kamps

www.kampspallets.com

Kamps, one of the nation's largest pallet recyclers, overhauled its Green Scorecard program with added educational materials for customers across various industries nationwide to encourage pallet recycling beyond its own organization.

The company equipped its entire fleet with state-of-the-art GPS fleet management software that increases productivity and lowers fuel consumption, leading to lower greenhouse gas emissions. Kamps' 2021 initiatives include setting a new milestone in pallets recycled, lowering the amount of paper consumed in daily business operations, and transitioning to digital platforms.

GREEN INITIATIVES

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NOTABLE ACHIEVEMENTS

In 2020, Kamps recycled (repaired or dismantled components for reuse) more than 70 million pallets, which saved 3.59 million trees, 1.92 million metric tons of CO2 emissions, and 1.4 million tons of landfill waste.

Kane Logistics

www.kanelogistics.com

Kane Logistics works to reduce carbon emissions, pollution, and congestion with smarter trucks and delivery methods. The third-party logistics provider has been a SmartWay member since 2006 and utilizes modern, diesel-powered trucks and compressed natural gas equipment.

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NOTABLE ACHIEVEMENTS

Since 2012, Kane has recycled 65.7 tons of paper, 85,239 tons of plastic/stretch wrap, 738,060 tons of cardboard, 101.2 tons of cans/bottles, 14.3 tons of steel, 191.8 tons of wood, and 87.7 tons of additional commingled materials.

Kenco Logistics

www.kencogroup.com

Kenco's offerings cover a range of advanced technologies that supplement its sustainability endeavors. For example, Kenco's proprietary carbon footprint calculator, developed through the company's DaVinci AI software, allows it to quantifiably predict emission outputs and facilitate reductions in advance. Similarly, the company is able to reduce waste and streamline processes in day-to-day operations by training drivers on progressive shifting techniques.

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NOTABLE ACHIEVEMENT

Kenco created a 3-year roadmap for transitioning to low-emissions solutions such as highly automated, partially "dark" or "lights off" warehouses. Virtually independent of human labor, these facilities reduce requirements for energy consumption from utilities such as lighting, air conditioning, water usage, and vehicle exhaust.

Lufthansa Cargo

www.lufthansa-cargo.com/green



In the past 25 years, Lufthansa Cargo increased fuel efficiency by 52% with fleet rollovers from the DC8 to the B777. With LH Group, the corporate goal is to halve the CO2 footprint by 2030 (basis 2019). Lufthansa demonstrates sustainability by innovation in aircraft technology (all B777 will have sharkskin by 2022), fuel efficiency (more realistic contingency fuel planning), in-flight operation (efficient flight profile concept), and handling (since 2020 only standard lightweight containers are in use).

Lufthansa Cargo has its own environmental strategy and a worldwide ISO 14001-certified environmental management system, taking into account upstream and downstream processes, including sustainable procurement.

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 customers can now determine the CO2 emissions of their shipment's transport during

the booking process and will soon be able to neutralize them via an add-on service.

Lynden

www.lynden.com

Despite operating in Alaska's extreme conditions, Lynden's fleets consistently score among the most efficient in the nation in terms of CO2 per ton mile as measured by the SmartWay Transport Partnership.

Lynden designs its procedures and equipment to prevent accidental spills and manage stormwater pollution. The company's trucks and planes are also designed with aerodynamic features to reduce drag, and more than 80% of its fleet is less than five years old.

Lynden's bulk tanker company consistently scores in the top 1% of tanker carriers in the nation for low carbon monoxide, nitrous oxide, and particulate matter emissions per ton mile. Lynden locations have been redesigned for energy efficiency, including replacing propane forklifts with electric models.

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 is the first Alaska-based transportation company to be recognized by SmartWay (2008) and the first trucking company to earn the Green Star Award for Alaskan businesses.



Maersk

www.maersk.com

Maersk is committed to safe, responsible, and transparent business practices in alignment with the principles of the UN Global Compact and Sustainable Development Goals. Maersk prioritizes decarbonization, and has intensified efforts to achieve net zero emissions by 2050 and support customers in decarbonizing their supply chains.

In 2020 its vessel energy efficiency continued to improve, with a 46% reduction in CO2 emissions per container moved since 2008. Maersk's first carbon-neutral vessel will be in operation in 2023, and all future vessels will be capable of operating on carbon-neutral fuel.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

Maersk reduces customers' transportation carbon footprints through vessel emissions reductions and carbon-neutral ocean shipping services.



Mainfreight

www.mainfreight.com

Mainfreight's 100-year vision is a guiding principle in its commitment to sustainability. Examples of sustainability initiatives include use of rainwater to wash its trucks, GPS route planning to bring efficiencies to pickups and deliveries, and use of electric forklifts and solar installations in Mainfreight-owned branches. In



line with ISO 14064-1, Mainfreight now reports its emissions with the ultimate intent of improving carbon emissions performance.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

Mainfreight's sales team in Australasia uses electric and hybrid vehicles.

Marten Transport

www.marten.com

Marten Transport consistently invests in technology and people to reduce its footprint. The time- and temperature-sensitive transport services provider added green initiatives that not only reduce waste and improve efficiency, but also lower MPG. Marten accomplished this by managing the following areas: loading warm, reefer run time, APU idle time, and network restructuring. Marten has invested in solar panels for trucks and all 14 terminals, and purchased lithium power bank batteries for its California terminal.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENTS

SmartWay presented Marten with its Excellence Award and added

the company to its Multimodal High Performance list for many years in recognition of its emissions reduction.

Matson Logistics

www.matsonlogistics.com

Matson Logistics' environmental strategy focuses on reducing greenhouse gas emissions to mitigate climate change, improving air quality, recycling retired ships responsibly, and protecting ocean health and biodiversity. The freight transportation provider has been a member of the EPA SmartWay Partnership since 2008.

Additionally, Matson Logistics has invested in green building features in its warehouses. Its warehouse in Pooler, Georgia, is LEED certified. Other facilities use "passive night air" cooling systems and will upgrade from fluorescent lighting to more efficient LED lighting.

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

Matson twice received the U.S. Coast Guard's William M. Benkert Award for Environmental Excellence. It is also a recipient of the North American Marine Environment Protection Association's 2020 Environmental Innovation Leadership Award.

NFI

www.nfiindustries.com

Partnering with companies such as DTNA, Volvo, and Hyliion to operate electric trucks, NFI continues to invest in new green technologies. The third-party logistics provider is testing battery-electric yard units near zero compressed natural gas trucks using renewable compressed natural gas, and electric range extenders, and is exploring Class 8 hydrogen fuel cell vehicles. NFI

also implemented natural gas fleets and has integrated new technology to improve aerodynamics and fuel efficiency, and installed electric charging infrastructure at its Southern California campus.

Green equipment, including lithium battery-powered forklifts, battery-powered automated units, and robotic stretch wrapping, is in place across NFI's distribution centers. NFI owns more than six megawatts of solar and is a member of the ACT Expo High Volume Fleet Planning Committee.



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 is a four-time EPA SmartWay Excellence Award winner and a SmartWay High Performer.

Nolan Transportation Group

www.ntgfreight.com

Nolan Transportation Group's (NTG) sustainability task force meets monthly to discuss current and future state initiatives to drive a more sustainable supply chain. This task force focuses on developing operational initiatives, technology initiatives, community affairs, and office initiatives. NTG optimizes routes and identifies the most efficient lanes to limit driving time and fuel usage, reducing carbon emissions while preserving shipment quality.



NTG implemented the following sustainable initiatives, among others: route optimization technology to limit fuel emissions, RhinoLink drop trailer program, utilization of SmartWay carriers, maximizing load efficiency, and installing automation to minimize manual work.

GREEN INITIATIVES

- Reduce greenhouse gas emissions
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS

NTG developed a sustainability task force in 2020 and is a certified SmartWay Partner.

Northwest Seaport Alliance

www.nwseaportalliance.com

The Northwest Seaport Alliance (NWSA) creates innovative solutions to improve air and water quality, uniting supply chain partners, stakeholders, and communities across the Puget Sound to reduce environmental impacts. With its Clean Truck Program, all drayage trucks serving NWSA terminals are 2007 or newer, meaning 90% cleaner than



PHOTO: THE NORTHWEST SEAPORT ALLIANCE

older trucks. It adopted the 2020 Northwest Ports Clean Air Strategy, setting a goal of zero emissions from seaport activities by 2050. NWSA is installing shore power at its terminals and building a seaport electrification roadmap to advance this vision.

GREEN INITIATIVES

- Reduce greenhouse gas emissions
- Use alternative fuels or energy sources
- Reuse/recycling program
- Use wastewater
- Reduce energy usage
- Energy-efficient lighting
- Habitat restoration
- Stormwater management
- Remediation

NOTABLE ACHIEVEMENTS

NWSA reduced diesel particulate matter emissions by more than 90% since 2005 and its all-new cargo handling equipment is the cleanest diesel available.

Nussbaum

www.nussbaum.com

Nussbaum works directly with OEM and third-party equipment manufacturers to develop and employ the latest fuel efficiency technologies.

Nussbaum also focuses on fuel performance; its drivers show a fleet average of 9.2 MPG and the company has its sights set on 10 MPG. Many Nussbaum drivers reach 12 to 13 MPG in any given week.

Additionally, the company uses solar panels to minimize idle time in the truck. And, as electric and alternative fuel options become viable for over-the-road transportation, Nussbaum will test the products and work with manufacturers to develop the best solutions.

GREEN INITIATIVES

- Reuse/recycling program
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENT

Nussbaum provides direct training and support to maximize the use of necessary fossil fuels.

Odyssey Logistics & Technology

www.odysseylogistics.com

Odyssey Logistics & Technology (OL&T) has been offering its customers sustainable solutions for more than a decade. As a lead logistics provider with intermodal capabilities, OL&T offers customers environment-friendly alternatives.

In an effort to increase payload, OL&T measures the number of low-weight truckload shipments (less than 45,000 pounds). That activity decreases the number of trucks required to deliver products, thereby reducing fuel use and emissions. OL&T regularly aggregates shipments on behalf of clients to reduce costs, increase payload, and decrease fuel use and emissions.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENTS

Odyssey has invested heavily in emerging sustainability technologies and actively participates in global sustainability initiatives. The company plans to increase these investments as it makes these technologies, processes, and information available to customers and carrier partners.

Old Dominion Freight Line

www.odfl.com

OD is exploring electric vehicles and has purchased a Volvo electric truck for testing. In 2021, the carrier plans



to invest \$605 million in capital expenditures to improve efficiency, including \$290 million for a tractor/trailer replacement program. The company's current truck fleet is 100% low rolling resistance, which increases fuel efficiency and reduces emissions. OD adopted a "no-idle" policy, which helps reduce unnecessary fuel use and emissions.

All of OD's new service centers are equipped with LED lighting and motion detectors to minimize electricity usage. The company follows a comprehensive maintenance schedule with National Institute for Automotive Service Excellence-certified technicians, who keep tractors operating at peak efficiency. In addition, OD leverages comprehensive route/load planning tools to minimize miles traveled.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

Old Dominion Freight Line has earned the EPA SmartWay Excellence Award for six consecutive years.

ORBIS Corporation

www.orbiscorporation.com

ORBIS manufactures reusable pallets, totes, containers, and dunnage designed to replace single-use packaging in the supply chain and designs 100% of its products with sustainability in mind. Using life-cycle assessments to compare reusable and single-use packaging, ORBIS helps customers reduce their overall environmental impact.

ORBIS also offers reusable packaging management services to assist customers. This includes ensuring packaging is cleaned, handled, transported, tracked, and returned properly, extending packaging life and preventing loss. In its own operation, ORBIS tracks and monitors its water and energy usage, as well as solid waste and



greenhouse gas emissions. Regional continuous improvement managers across the country execute projects to reduce waste, cut cycle time, and improve quality. And 99% of the water ORBIS uses in its manufacturing process is reused.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENTS

At the end of a long service life in the supply chain, ORBIS packaging can be recovered, recycled, and reprocessed into new packaging. Additionally, ORBIS offers a new recycled material in its product. Its Ocean in Mind program repurposes plastic waste at risk of entering the oceans into reusable packaging products.

Penske

www.gopenske.com



Penske helps customers enhance their sustainability by incorporating the latest alternative fuel technologies vehicles into its fleet. The company is deploying battery

electric vehicles (BEVs) in southern California with customers that have the appropriate use case for the vehicles. The BEVs are supported by a network of heavy-duty electric vehicle charging stations at six Penske Truck Leasing facilities in Southern California, the first DC fast-charging stations in the United States designed specifically for heavy-duty commercial vehicles. These locations form a charging network running in the roughly 110-120 mile corridor from San Diego in the south up through Temecula and into the Inland Empire Area east of Los Angeles.

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

Penske Logistics' dedicated fleet currently ranks in the top 20% of the company's carrier group for CO2 grams/ton-mile emissions, and the top 40% for nitrogen oxide and particulate matter emissions. More than 75% of the freight Penske manages is transported using a SmartWay partner, ensuring customers that they are partnering with companies committed to efficiency and continuous improvement.

Performance Team, A Maersk Company

www.performanceteam.net

A SmartWay partner and member of the Coalition for Responsible Transportation, Performance Team continues to push for greater fleet fuel efficiency and lower emission trucks, and support the adoption of alternate fuel sources.

To reduce its carbon footprint, the company makes maximum use of recycled materials and utilizes energy-efficient technology. Performance Team requires waste reduction from its business partners and promotes the use of environmentally friendly products.

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

Performance Team built and maintains a "Clean Truck" fleet. It operates clean trucks in the Port of Long Beach and Los Angeles, and uses more than 65 clean diesel tractors and clean equipment in its dedicated retail fleet operations.

Pilot Freight Services

www.pilotdelivers.com



SmartWay certified, Pilot commits to increasing partnerships with program carriers by 10% annually and in 2021 moved 70% of its tonnage through SmartWay. In 2020, Pilot enrolled with Sustainable Travel International to offset the emissions it produces, reduce greenhouse gas emissions, and mitigate climate change impacts.

The company reduces, reuses, and recycles material using cardboard balers and enforces a strict no-idle policy for company vehicles, vendors, and partners. Pilot has replaced most of its fossil fuel warehouse equipment with electric forklifts. Its headquarters and stations feature occupancy and LED lighting, computer-controlled HVAC, and water bottle refill stations.

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

Pilot's Compass Dispatcher creates time- and fuel-efficient routes while the tracking system alerts customers of delivery status, so fuel isn't wasted rerouting the truck.

PITT OHIO

www.pittohio.com

Renewable energy is a key part of PITT OHIO's sustainability strategy. Solar and wind energy powers three of the company's facilities; renewable energy makes up 7% of PITT OHIO's electricity.

In 2021, it is testing two medium-duty electric vehicles with charges. Even with this electricity usage at its new Cleveland facility, the facility will be net zero as the result of installing more than 1,500 solar panels and eight 60-foot Windstax wind turbines. In 2021, PITT OHIO is continuing to upgrade lighting to reduce electricity usage across a number of facilities.

GREEN INITIATIVES

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



NOTABLE ACHIEVEMENT

In 2020, PITT OHIO improved average truck miles per gallon by 1.5%, on top of an improvement of 1.1% in 2019.



Port Authority of New York and New Jersey

www.panynj.gov

The Port of New York & New Jersey has a longstanding commitment to environmental sustainability and reducing the emission of greenhouse gases in the New York and New Jersey region.

As a landlord port, the Port of New York & New Jersey is advancing the agency's commitments by working closely with port partners, terminal operators, and the trucking community through a host of environmental initiatives aiming to reduce emissions. Through these various environmental initiatives, the port has been able to reduce emissions in the past decade despite handling a 32% increase in cargo volume over that timeframe.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

The Port Authority of New York & New Jersey's Clean Vessel Incentive program provides financial incentives to encourage operators, charters, and agents of ocean-going vessels calling at Port Authority marine terminals to make voluntary engine, fuel, and technology enhancements. The enhancements reduce emissions beyond the regulatory environmental standards set by the International Maritime Organization.

Port of Long Beach

www.polb.com

The Clean Air Action Plan, a collaboration between the ports of Long Beach and Los Angeles, establishes a comprehensive strategy for reducing port-related air pollution, while allowing port development, job creation, and economic activity to continue. The plan ushered in anti-air pollution strategies including the ports' Clean Trucks Programs, vessel pollution reduction programs, and advanced new technology such as the world's first hybrid tugboat.

Ships at the Port of Long Beach can plug into landside electricity while at berth, drastically reducing emissions. The port also offers dockage incentives to shipping lines that participate in environmental initiatives.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

Since 2005, the Port of Long Beach has achieved an 88% reduction in diesel particulate emissions; a 58% reduction in nitrogen oxides, and a 97% reduction in sulfur oxides.

Port of Los Angeles

www.portoflosangeles.org

The Port of Los Angeles promotes responsible growth and supports innovative development and site restoration, which includes reducing or eliminating environmental risks and impacts and performing environmental oversight and audits.

Incorporating solar power is one way the port helps reduce greenhouse gas emissions. To date, the port has installed nearly 3 megawatts of photovoltaic solar power systems at various locations on port property. The port has put in place several clean air action plans and emission-reducing programs over the past decade, including a comprehensive strategy to cut air pollution and reduce health risks.

GREEN INITIATIVES

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



NOTABLE ACHIEVEMENT

The Port of Los Angeles initiated a pilot Environmental Management System in 2003 and obtained ISO 14001 certification in 2007. The port was the first major West Coast port to obtain third-party, independent certification under ISO. The program was since recertified under the updated standard, indicating the port's ongoing commitment to continuous environmental improvement.

Quadient

www.packagingbyquadient.com

Quadient provides two automated packaging solutions models, the CVP Impact and CVP Everest. Using 100% recyclable materials and zero plastic, these systems create fit-to-size boxes for each single- or multi-item order and reduce unnecessary void fill. The custom-fit parcels create an average of 50% reduction in shipping box volume and 29% less corrugate usage. They also help limit a shipper's environmental footprint by using fewer delivery trucks, reducing greenhouse gas emissions.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENTS

Quadient customer Internet Fusion Group saves 92 truckloads annually due to fit-to-size packaging.

Raymond Corporation

www.raymondcorp.com

Energy Essentials Distributed by Raymond is the next generation of lithium-ion batteries to deliver fast-charging power solutions housed in a denser footprint, providing companies with high-performance energy sources to optimize operations. Implementing Energy Essentials batteries provides users with significant productivity enhancements, including increased uptime and reduced electricity consumption by allowing for more time between charges.

In addition, Raymond's associates participate in shutting down equipment during breaks and weekends to eliminate power draw.

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

Raymond has upgraded software for automated logic and lighting control programs to zone and control factory and office lighting, heating, and air conditioning based on utilization.

Redwood Logistics

www.redwoodlogistics.com

A member of SmartWay since 2011, Redwood Logistics has set a goal to reduce more than 4.5 million pounds of CO2 by the end of 2021 through the use of new and more

fuel-efficient trailers. For one of its large managed transportation customers, Redwood achieved effective sustainability results by optimizing, consolidating, and accurately determining the best mode and shipping location, moving 11 million more pounds of freight and reducing carbon footprint by 2.3 million pounds quarter over quarter.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

In 2020, Redwood converted 2,855 truckload shipments to intermodal, moving 115 million pounds of goods across the United States and reduced carbon emissions by an estimated 16 million pounds.

Rinchem Company

www.rinchem.com

A CARB-compliant SmartWay partner, Rinchem conducts paperless transactions through a custom online system, ChemStar. It operates on a just-in-time model, bringing in only as much material as needed to avoid excessive inventory and transportation.

The company's forklift fleet is 85% electric to reduce carbon footprint and miles per gallon. Rinchem recycles all cardboard and pallets and its reverse logistics program supports returnable totes/drums, which reduces waste and disposal of plastics.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENTS

The company's Marlborough, Massachusetts, location is equipped with solar panels, and it uses LED and motion sensor lights in 19 facilities across the United States.

Roehl Transport

www.roehltransport.com



Roehl's sustainability initiatives include using equipment such as trailers with trailer skirts and tails as well as low-rolling resistant tires. Automatic tire inflation systems and door switches installed on refrigerated trailers reduce idle. The company's trucks also are outfitted with low-rolling resistant tires, wheel covers, an aerodynamic package, battery management systems, and direct fire heaters.

Roehl's facilities use LED lighting in the maintenance shops and yards. Drivers are provided effective training on decreasing their fuel consumption and are incentivized to improve their miles-per-gallon performance.

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 ACHIEVEMENT

Roehl Transport was a founding EPA SmartWay Partner in 2004. In 2020, the company earned its 9th SmartWay Excellence Award; only 58 truck and multimodal carriers received the distinction last year.

Romark Logistics

www.romarklogistics.com

To meet its zero carbon footprint goal, Romark invested in rooftop solar arrays on its refrigerated locations, upgraded to LED lighting, installed water conservation equipment and cooling towers, made refrigeration changes, and implemented the use of high-efficient battery chargers.

Romark enforces recycling requirements for paper/cardboard, plastics, glass, and metal. The company implemented idling and speed management policies to reduce fuel consumption and energy costs.

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 ACHIEVEMENT

Romark replaced its fleet of tractors with newer/compliant engines, equipped its trucks with automatic shutdown devices to keep them from idling too long, and installed software on its tractors to monitor drivers and track fuel efficiency.

Ruan

www.ruan.com

Ruan trucks have traveled more than 100 million miles on natural gas power. Between 2016 and 2020, Ruan purchased 126 million gallons of varying biodiesel blends. It purchased 2.3 million gallons of renewable diesel blends in the past 2.5 years. Ruan collaborates with electric vehicle manufacturers to develop longer-lasting, lower-emitting engines with improved performance and lower fuel consumption.

Sleeper vehicles in the Ruan fleet have auxiliary power units. All tractors have automatic engine shutdown after 5 minutes.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENTS

Ruan received the National Biodiesel Board's Initiative Award and an EPA Smartway Excellence Award. The company is an ACT Fleet Forum founding member.

Ryder System

www.ryder.com

Ryder utilizes cleaner-burning fuels and invests in alternative fuel technology. The company collaborates with electric vehicle manufacturers and has partnered with InCharge to provide charging infrastructure. For automotive waste, Ryder contracts vendors who reuse and recycle. Each year, Ryder recycles nearly 3 million gallons of used oil, 880,000+ gallons of oily water, 12,000+ drums of used oil filters, and nearly 48,000 gallons of solvent.

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

Ryder has received significant recognition for its sustainability efforts such as the U.S. EPA's SmartWay High Achiever Award (2020) and the SmartWay Excellence Award (2013-2014, 2017).

Saia LTL Freight

www.saia.com



For years, Saia LTL Freight has made substantial investments and process improvements to increase the fuel economy of its fleet and the energy efficiency of its facilities to reduce its carbon footprint. The company recently took delivery of two Volvo VNR electric trucks. The zero-emission, battery-electric tractors, a first for the company, will be based out of its Los Angeles, California, terminal.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENTS

Saia has been a SmartWay partner since 2006 and a SmartWay Excellence Award recipient in 2018. LinkEx, a Saia Inc. subsidiary, was named a 2020 SmartWay High Performer.

Scan Global Logistics

www.scangl.com

Scan Global has been a signatory to the UN Global Compact since 2015 and supports the Compact's principles and sustainable development goals. It has adopted the Global Reporting Initiative and the Sustainable Accounting Standards Board guidelines for sustainability reporting. By improving its efforts through a certified ISO 14001 environmental management system, Scan Global ensures that it hits its sustainability targets.

GREEN INITIATIVES

- Reduce greenhouse gas emissions

NOTABLE ACHIEVEMENTS

Scan Global Logistics joined the Science Based Targets initiative and committed to a goal aligned with limiting global warming to 1.5°C and reaching net-zero emissions by 2050.

Schneider

www.schneider.com

Schneider recently announced a new set of corporate goals addressing actionable next steps around sustainability initiatives. These goals include a commitment to reduce carbon emissions by 7.5% per mile by 2025, and a reduction of 60% per mile by 2035; a commitment to doubling Schneider's intermodal size by 2030, thus reducing carbon emissions by an additional 700 million pounds per year; and a commitment to achieve net zero status for all company-owned facilities by 2035.

GREEN INITIATIVES

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



NOTABLE ACHIEVEMENTS

Schneider has committed to the future of fleet electrification, making necessary short- and long-term investments such as testing electrified powertrains, developing strategic zero-emission vehicle adoption plans, and building relationships with key stakeholders and industry partners.

The company has been piloting the use of a Freightliner electric eCascadia truck in California for local and regional delivery and pickup.

Shippers Group

www.theshippersgroup.com

The Shippers Group has developed a proactive approach to reduce its environmental, energy, and social impacts. The company recycles approximately 7.6 million pounds of cardboard and plastic per year and, where possible, uses low-emission technology such as more efficient vehicles and machinery. The Shippers Group utilizes renewable energy where feasible, keeps vehicle maintenance current and prevents unnecessary idling. The company employs water and energy conservation, such as using energy-efficient light bulbs.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENTS

The Shippers Group invests an estimated \$227,000 annually in sustainability initiatives.

Southeastern Freight Lines

www.sefl.com

Southeastern Freight Lines (SEFL) generates renewable energy at two service center locations, Asheville and South Houston, and has produced and/or consumed 14,356 MWh of solar energy since 2013.

The company harvests rainwater for irrigation at its South Houston location, and by fall 2021, its Fort Lauderdale location will have the ability to harvest rainwater for full-site irrigation. SEFL reduces paper consumption by utilizing e-commerce solutions and paperless billing, and recycles cardboard, paper, wood, scrap metal, solvents, oil/oily water, filters, tires, and electronics at its service centers, maintenance shops, and corporate office. The carrier secures freight with repurposed cardboard and wood pallets.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

SEFL's Support Center and 66 company-owned service centers are fully equipped with LED lighting. The remaining company-owned service centers will be completely equipped in 2021, making the company 100% LED by 2022.

Symbia Logistics

www.symbia.com/sustainability



In 2021, Symbia implemented a company-wide initiative to make its warehouses eco-friendlier. Within the past year, Symbia has recycled 13,942 tons of wood, 705 tons of metal, 426 tons of cardboard, 19.2 tons of office waste and 1,340 pounds of plastic. It allocated 1.2 million square feet of motion-activated lighting and replaced 75 traditional propane forklifts with new electric machines.

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 ACHIEVEMENT

Symbia launched a reforestation campaign to plant one tree per client every month, totaling more than 1,500 trees annually. Symbia's projects restore forests in the wake of major wildfires and repair damage caused by industry and resource extraction.

TCI Transportation

www.tcitransportation.com

TCI Transportation has placed more than 50 CNG Freightliner Cascadias into service in 2020 to move trash for LA County. The carrier also placed an order and gave a \$400,000 deposit to Tesla for 20 electric tractors. Looking upward, TCI installed nearly 1 Mw of solar panels on the roofs of its facilities, which have all been outfitted with LED lighting.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

TCI Transportation is installing charging stations in its largest facilities. It also has electric yard tractors for sale or lease at its Ottawa dealership.

Union Pacific

www.up.com

Union Pacific has spent the past 30 years overseeing environmental compliance across its operations. In 2021, the rail company set a target to reduce absolute 1 and 2 greenhouse gas emissions from operations by 26% vs. 2018 baseline by 2030.

Also this year, the company helped fight wildfires across Northern California with its innovative Water Train; helped customers eliminate 21.9 million metric tons of greenhouse gas emissions by choosing rail over truck transportation; introduced a fleet of true hybrid refrigerated box cars; and implemented utility conservation projects that reduced energy consumption by 2 million kilowatts.

GREEN INITIATIVES

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

- Reuse/recycling program
- Use wastewater
- Reduce energy usage
- Sustainably source materials
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENTS

In 2021, Union Pacific recycled 480,000 tons of scrap metal and more than 1.96 million gallons of oil and fuel. The company also managed the largest industrial wastewater collection system in rail history.

UPS

www.ups.com



UPS invests in alternative fuel and advanced technology vehicles, and uses renewable energy to reduce the environmental impact of its operations. Its “rolling laboratory”, which collects data about which alternative fuels and advanced technologies work best in various routes and areas, is always growing, adding more vehicles and traveling more miles using alternative fuel and advanced technologies.

The company has provided millions of dollars for global environmental initiatives focused on climate change, renewable energy, and resource conservation. As part of its Global Forestry Initiative, UPS has planted more than 1.3 million trees around the world.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENTS

UPS was named to the Forbes and Just Capital annual Just 100 list for corporate citizenship for 2021, was recognized on the Dow Jones Sustainability North America Index, and made The Civic 50, a listing by the Points of Light Foundation that recognizes the 50 most community-minded companies in the nation.

USA Truck

www.usa-truck.com

Among the company’s equipment and facilities strategies, USA Truck has tightened tractor-to-trailer gaps to reduce aero drag; installed wheel and chassis aerodynamic devices; worked with engine and transmission manufacturers to achieve best fuel economy; automated transmissions for fuel economy gains; and implemented an ambient air temperature-controlled idle control system to reduce idle time for battery charging.

USA Truck is testing solar powered battery charging for reduced idle, fuel burn, jump starts, and increased capacity; it is also testing solar-powered trailer telematics. The company installs trailer skirts on all trailer purchases, tests air disc brakes to reduce stopping distance and increase brake lining life. USA Truck is testing three self-deploying trailer tails for aerodynamic and MPG gains.

GREEN INITIATIVES

- Reduce greenhouse gas emissions
- Reduce energy usage
- Solar panels
- Energy-efficient lighting

NOTABLE ACHIEVEMENT

During the past three years, USA Truck has averaged a CO2 gram-per-mile reduction of 20, which is equal to a total reduction of CO2 by 11,785 metric tons.

Werner Enterprises

www.werner.com

Werner announced its formalized Environmental, Social and Governance (ESG) initiative in 2020. This launch, along with other

ongoing efforts, enhances its efforts to communicate ESG progress to associates, customers, shareholders, suppliers, and the general public, as well as identifying new areas for further improvement.

Werner has eliminated 310 million gallons in fuel consumption, improved fuel efficiency by more than 29% and reduced more than 3.4 million tons of CO2 since 2007. Werner has a goal of 55% reduction of carbon emissions by 2035. At its terminals and facilities, Werner recycles or repurposes 100% of batteries, liquids, and tires. The company converted to 100% LED lighting in all its facilities and continually introduces technology to reduce paper use.

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

Werner is a founding member of the SmartWay program and a 2020 EPA SmartWay Excellence and SmartWay High Performer award winner.

WSI (Warehouse Specialists, LLC)

www.wsinc.com

WSI drives numerous green initiatives in its facilities and transportation services. WSI is a Responsible Care Partner and Responsible Distribution Certified and participates in SmartWay and Operation Clean Sweep.

The company uses electric-powered equipment whenever possible; maintains active recycling programs at all facilities amounting to thousands of tons of materials recycled each year; and operates an ongoing program to relight facilities with energy-efficient lighting equipment.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

WSI recently joined Together for Sustainability and completed the EcoVadis audit to identify how it can continue improving policies and practices.

XPO Logistics

www.xpo.com



In 2021, XPO partnered with Daimler Trucks North America to test their battery-electric commercial trucks under real-life operating conditions in California. The company is also piloting electric vehicles in some European markets.

XPO continues to expand its fleet of alternative fuel vehicles and in 2021 added 85 new liquified natural gas vehicles in Europe, bringing the fleet to 225. The logistics company is switching to 100% premium diesel, which translates to up to 2.5% fuel savings. XPO has developed software to optimize truck routes, which reduces congestion, empty miles, and emissions. In addition, XPO is installing solar panels, starting with two sites in New Jersey, which have the potential to reduce CO2 emissions by 3,755 metric tons annually.

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 ACHIEVEMENT

In 2021, XPO was honored by Dow for environmental stewardship in transportation.

Yale Materials Handling Corporation

www.yale.com

The Yale Power Suite offers a wide range of power sources, including hydrogen fuel cells, lithium-ion, internal combustion engines and lead-acid batteries, across its line of lift trucks. Users can select a power solution built around their specific operation's cost, labor, maintenance, emissions, space and other requirements. The result is a power option that helps eliminate harmful emissions, off-gassing, and other hazardous chemicals. A lithium-ion battery pack, for example, can last more than four times longer than a lead-acid battery, helping reduce recycling waste.

GREEN INITIATIVES

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

NOTABLE ACHIEVEMENT

Powering a Yale lift truck with hydrogen fuel cells lets users refuel in as quick as three minutes and get consistent power delivery with zero harmful emissions.

