

CSX INVESTS IN A COMMITMENT TO ENVIRONMENTAL STEWARDSHIP.

Moving Toward a Greener Business

The most environmentally-friendly way to move goods over land may not be what you expect. It's rail.

Compared to a truck, a locomotive releases three times less nitrogen oxide and particulates, according to the Environmental Protection Agency (EPA).

Thinking in terms of tonnage moved and miles per gallon, Jacksonville, Fla.-based CSX Corporation can transport a ton of freight nearly 500 miles on just one gallon of diesel fuel.

As a provider of rail, intermodal and rail-to-truck transload services, CSX plays an even bigger role in the move toward sustainability.

It transports the very biofuels and wind power turbines needed to help diversify the country's fuel consumption.

Sustainability a Priority

CSX has invested more than \$1.5 billion to upgrade its fleet with the technology needed to reduce fuel consumption and emissions. The company has upgraded more than 1,200 locomotives so far, and as a result, efficiency is up 90 percent since 1980.

Carl Gerhardtstein, CSX assistant vice president of environmental systems and sustain-

ability, says that the company has made sustainability a major priority: "We're excited to be the first transportation company that has inventoried our greenhouse gas emissions, voluntarily set a goal to reduce those emissions, and accomplished our goal a year early."

Reduced Emissions, Improved Efficiency

After setting a high goal to reduce its emissions by 8 percent by 2011, CSX achieved the milestone in 2010. Last year, the company joined the Environmental Defense Fund Climate Corps, a program in which an MBA student works with companies to improve energy efficiency. The student, along with CSX employees, identified 1.5 million kWh of electricity and 940 metric tons of CO₂ that could be removed with upgrades. In 2010, the company obtained its first LEED green building certification from the U.S. Green Business Council.

"We're looking at ways to improve efficiency in all of our buildings and facilities, and looking to improve our wastewater treatment facilities that operate at our locomotive servicing centers," Gerhardtstein says.

Green Goes Social

In addition to promoting environmental initiatives internally, CSX engages in efforts to promote climate change projects externally. Through the Tree for Tracks program with the Alliance for Community Trees, CSX will be planting one tree for every mile of operation. It also leveraged the power of social media and hosted The Tomorrow Moves Project on Facebook to encourage individuals to submit ideas for protecting the environment.

CSX promotes recycling and waste minimization at the corporate level and encourages suppliers to use recyclable containers when shipping items via rail. Customers use CSX's online carbon calculator to determine the carbon dioxide emissions savings for specific rail shipments compared to other transportation choices. As part of CSX's week-long Earth Day celebration, the company recognizes customers committed to a green supply chain through the Environmental Awards.

"I think that companies want to do business with like-minded companies that are aware of their impact on the environment," Gerhardtstein says.



Through the Tree for Tracks program, CSX employees are planting one tree for every mile of operation for a total of some 23,000 new trees.

To find out more about CSX's environmental stewardship initiatives, visit csx.com