



CSX and Wabtec Partner to Drive Sustainable Transportation Solutions

June 24, 2021

CSX enhances fleet with orders for locomotive modernizations and next generation Trip Optimizer™ Zero-to-Zero system

JACKSONVILLE, Fla.--(BUSINESS WIRE)--Jun. 24, 2021-- CSX Corporation (NASDAQ: CSX) and Wabtec (NYSE: WAB) are partnering to accelerate sustainable rail by modernizing locomotives across CSX's fleet and implementing advanced digital technologies to deliver significant fuel efficiency and emissions reductions for CSX's rail operations. The partnership will help CSX in their commitment to reduce greenhouse gas emissions intensity by 37 percent by 2030.

"We are excited to partner with Wabtec on advanced solutions that will transform our fleet while improving our carbon footprint," said Jamie Boychuk, CSX executive vice-president of operations. "By modernizing our fleet and implementing the new Trip Optimizer Zero-to-Zero, Wabtec's sustainable technologies will help CSX achieve our climate goals."

An early adopter of digital rail technologies, CSX will be the first railroad to put into demonstration Wabtec's Trip Optimizer Zero-to-Zero system, an advanced technology that will allow CSX to start a train from zero mph and stop the train automatically using various controls. This technology builds on Trip Optimizer's proven performance, which has saved railroads more than 400 million gallons of fuel since its inception and reduces CO₂ emissions by over 500,000 tons per year.

CSX will also revitalize its yard fleet with the first order for Wabtec's Tier 4 switcher modernization program, which provides an additional 20 percent improvement in fuel efficiency and 90 percent reduction in emissions. This new program upgrades 40-50 year old locomotives and Tier 0 non-emission switcher locomotives to the latest Wabtec Tier 4 platform. This technology is the only Tier 4 solution on the market today that does not require a urea after-treatment system, and each repowered locomotive will eliminate up to 90 tons of CO₂ and 7 tons of NO_x reduction per year.

Finally, the railroad will modernize locomotives across their fleet with Wabtec's new FDL Advantage engine upgrade, which provides up to an additional five percent reduction in fuel consumption through a high-pressure common rail fuel system offering improved injection control. These modernizations are reducing the carbon footprint by as much as 250 tons of CO₂ per locomotive per year.

"These solutions will enable CSX to maximize the full potential of its fleet both from an environmental and financial perspective," said Gina Trombley, Wabtec's Senior Vice President of Sales and Marketing. "We're helping CSX build upon these benefits by improving customer service and asset utilization with new, enhanced features to our modernization programs and Trip Optimizer Zero-to-Zero."

About CSX

CSX, based in Jacksonville, Florida, is a premier transportation company. It provides rail, intermodal and rail-to-truck transload services and solutions to customers across a broad array of markets, including energy, industrial, construction, agricultural, and consumer products. For nearly 200 years, CSX has played a critical role in the nation's economic expansion and industrial development. Its network connects every major metropolitan area in the eastern United States, where nearly two-thirds of the nation's population resides. It also links more than 230 short-line railroads and more than 70 ocean, river and lake ports with major population centers and farming towns alike. More information about CSX Corporation and its subsidiaries is available at www.csx.com. Like us on Facebook (<http://facebook.com/OfficialCSX>) and follow us on Twitter (<http://twitter.com/CSX>).

About Wabtec

[Wabtec Corporation](http://www.wabteccorp.com) (NYSE: WAB) is focused on creating transportation solutions that move and improve the world. The company is a leading global provider of equipment, systems, digital solutions and value-added services for the freight and transit rail industries, as well as the mining, marine and industrial markets. Wabtec has been a leader in the rail industry for over 150 years and has a vision to achieve a zero-emission rail system in the U.S. and worldwide. The company has approximately 27,000 employees located at facilities in 50 countries throughout the world. Visit Wabtec's new website at: www.wabteccorp.com.

View source version on [businesswire.com](https://www.businesswire.com/news/home/20210624005537/en/): <https://www.businesswire.com/news/home/20210624005537/en/>

CSX Media Contact:

Bryan Tucker / media_team@csx.com / 855-955-6397

Wabtec Media Contact:

Deia Campanelli / Deia.Campanelli@Wabtec.com / 773-297-0482

Source: Wabtec Corporation