



South Carolina Association of Counties
Annual Conference
August 5, 2019



GoRail

Educating, Recruiting & Mobilizing Support for Freight Rail



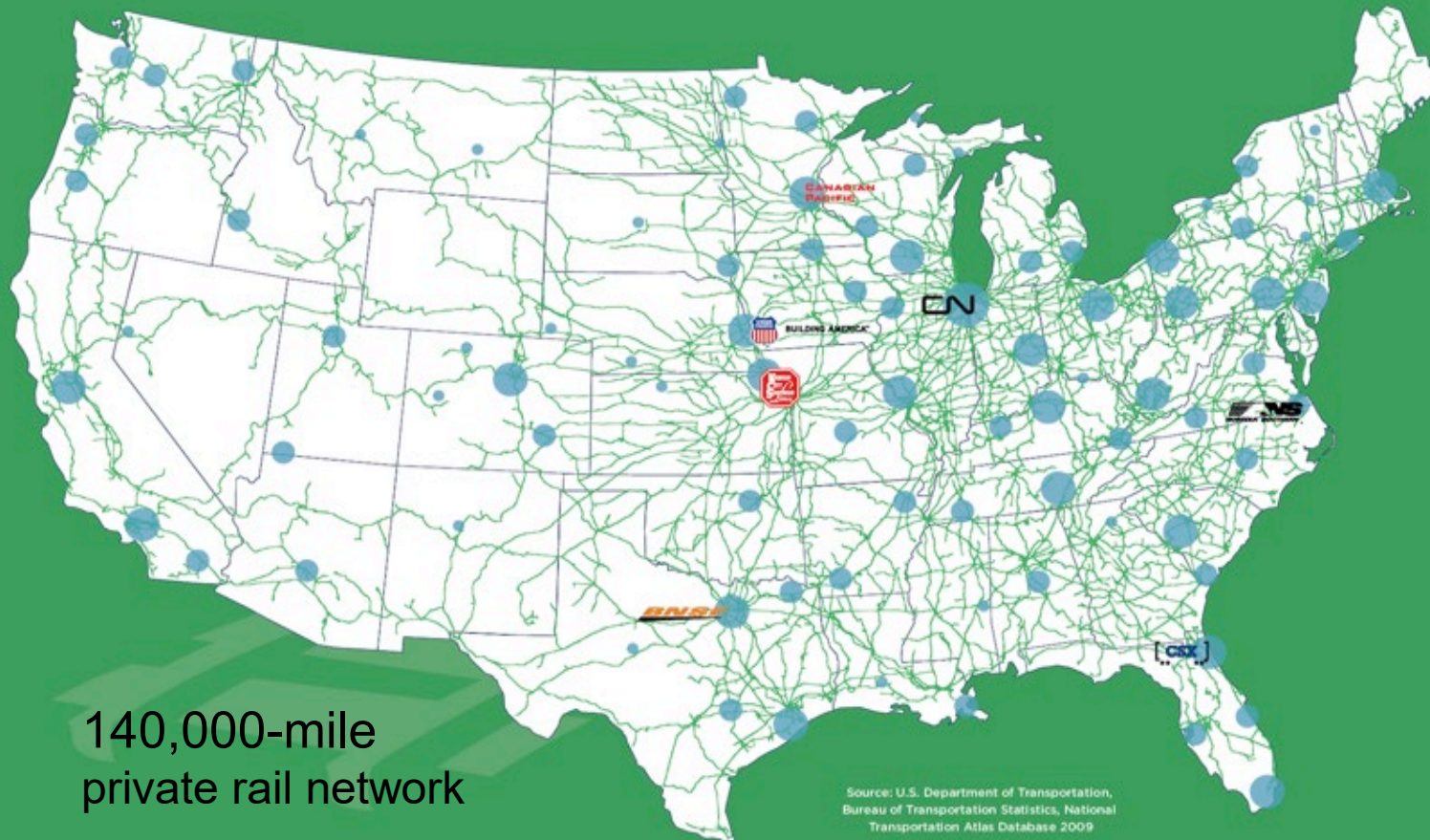
Rail in Your State

SEE THE COMMUNITY IMPACT!

Learn more at www.gorail.org

GoRail works with thousands of community leaders across the country to tell the local story of freight rail — stronger economies, more jobs and cleaner skies.

THE FREIGHT RAIL NETWORK



140,000-mile
private rail network

Source: U.S. Department of Transportation,
Bureau of Transportation Statistics, National
Transportation Atlas Database 2009

Freight Rail's Private Spending



Supported over
**1.1 million
jobs**



Generated nearly
**\$26 billion
in taxes**



Created more than a
**\$219 billion
economic impact**

Source: 2017 Economic and Fiscal Impact Analysis of Class I Railroads, Towson University/RESI

Public Benefits

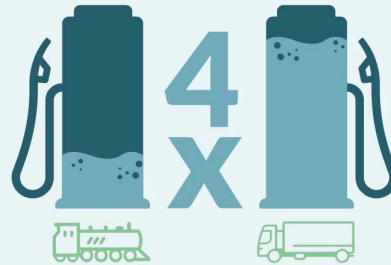
Railroads reinvest into the nationwide rail network at



the rate of the average manufacturer.

[Source: Census Bureau, AAR]

Freight rail is



more fuel efficient than trucking.

[Source: FRA]

Today, the average rail shipper can move nearly



the amount of freight for about the same price it paid more than 35 years ago.

[Source: AAR]

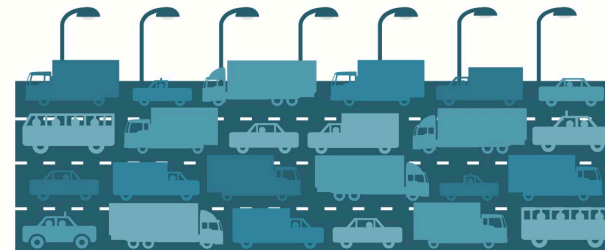
Every railroad job supported another



jobs across the U.S. economy in 2014.

[Source: Towson University's Regional Economic Studies Institute]

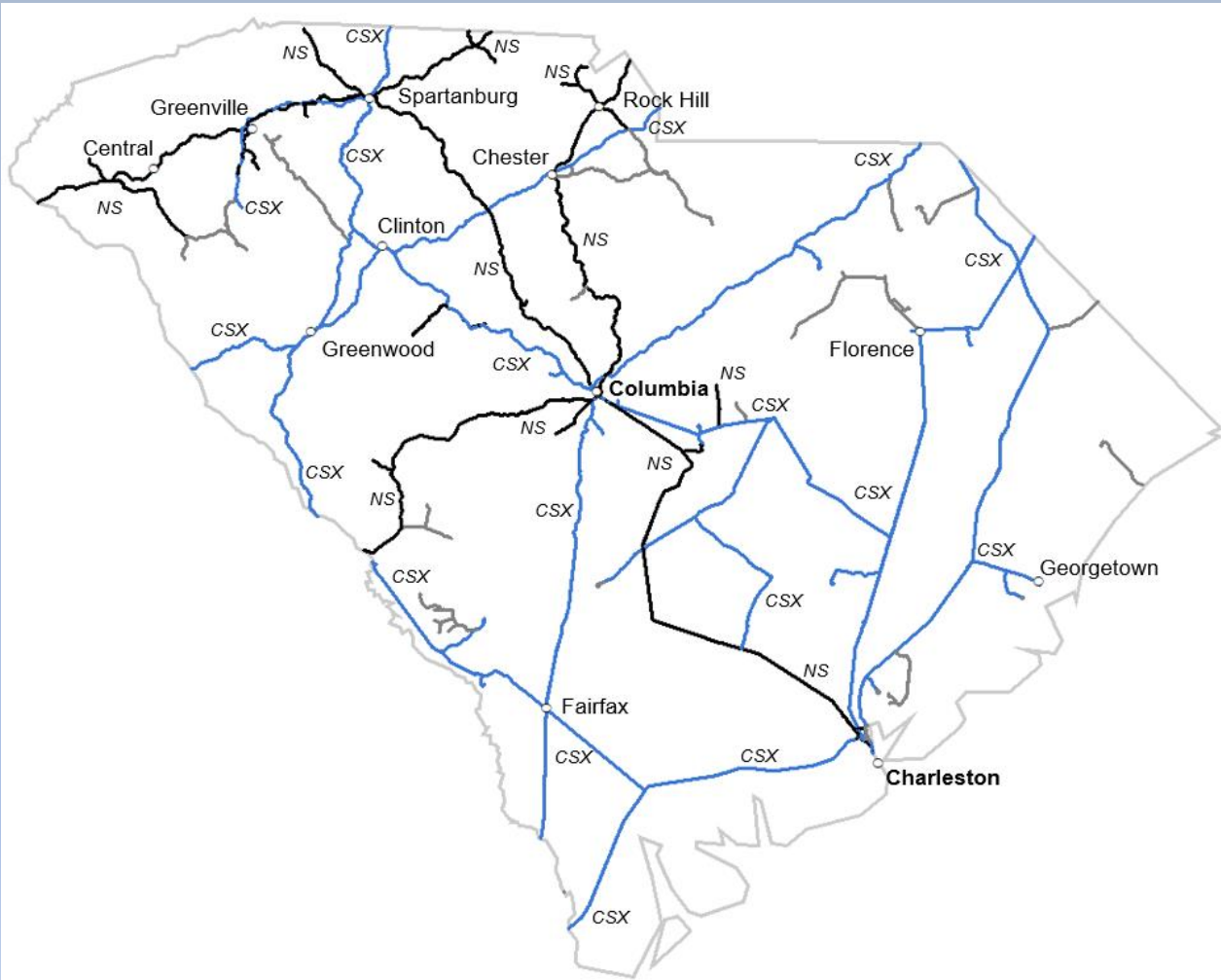
One train can carry the load of several hundred trucks,



which reduces highway gridlock.

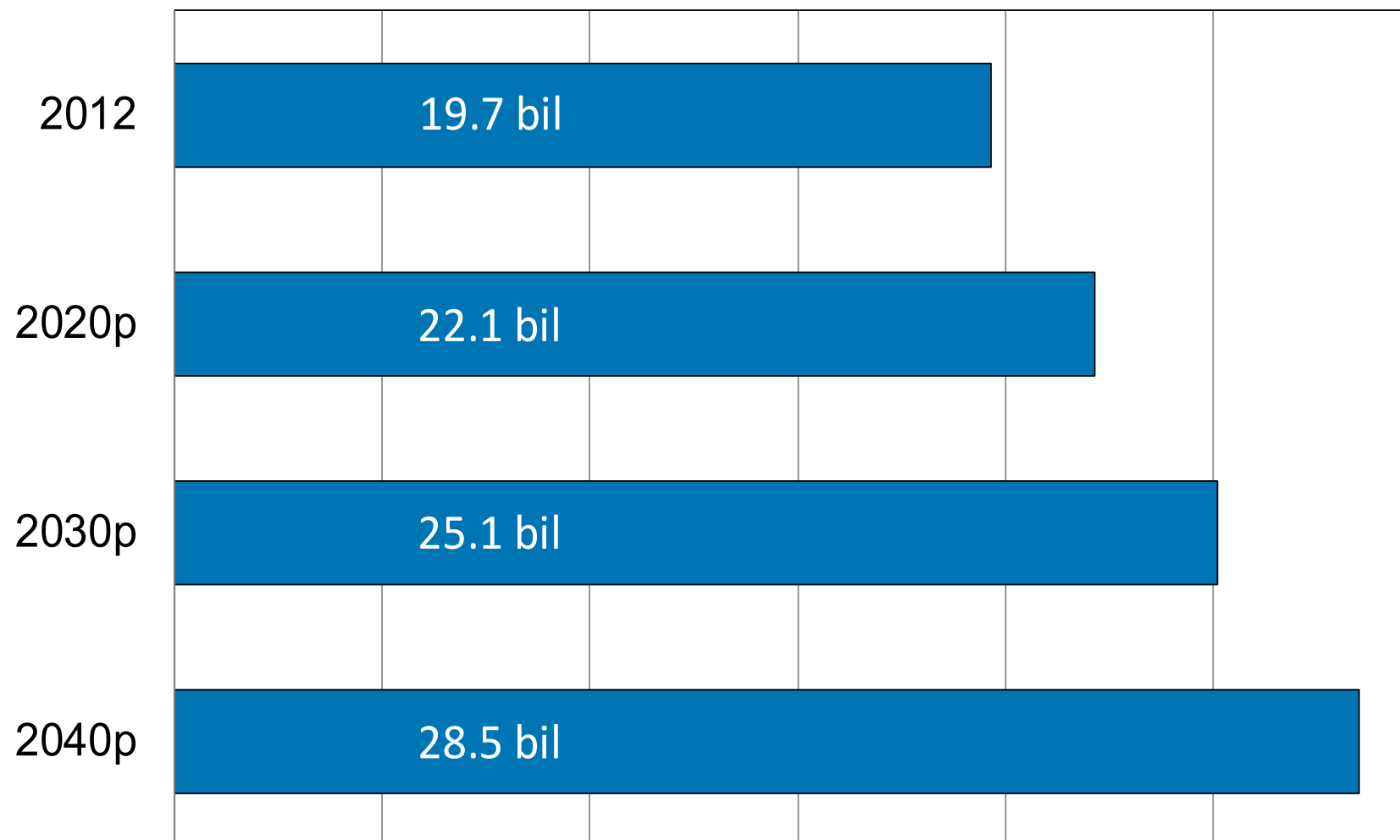
[Source: AAR]

South Carolina Rail Stats



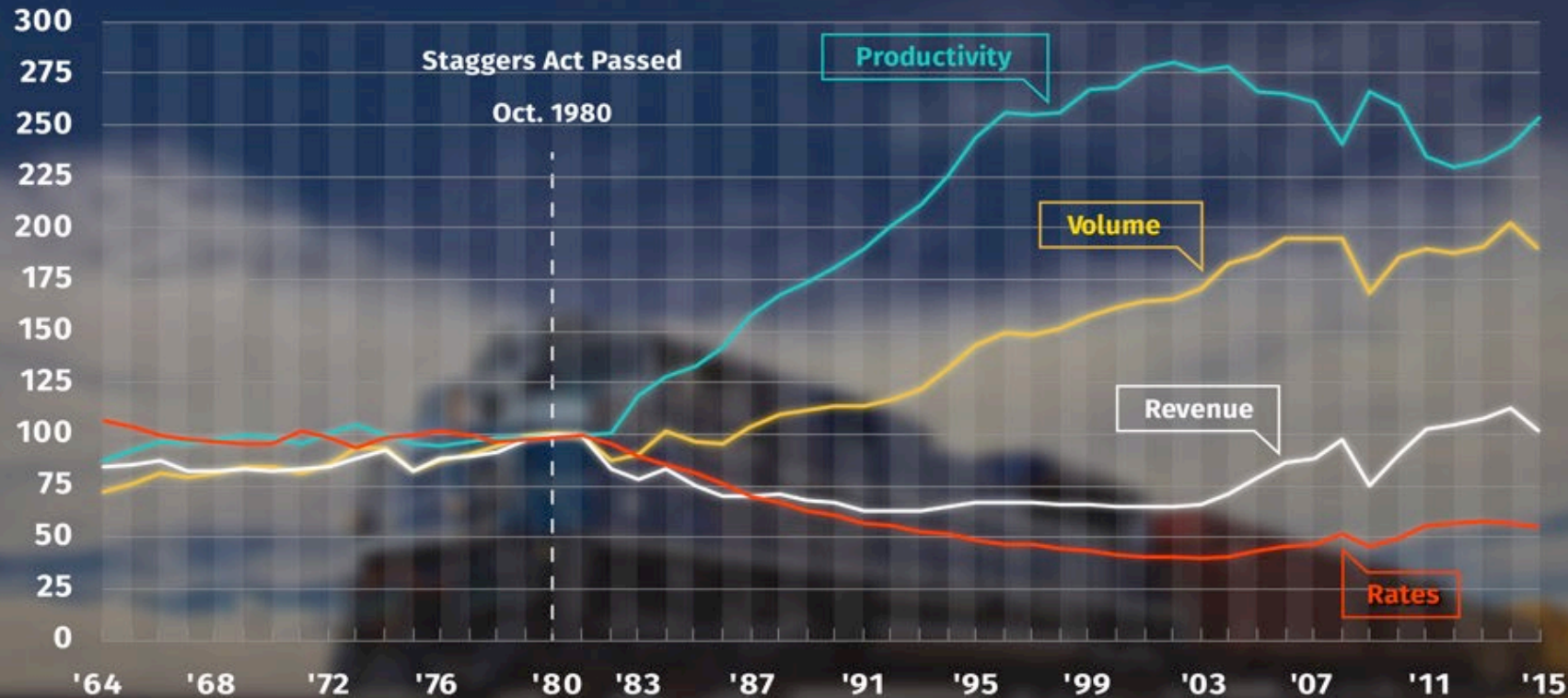
- **Number of Freight Railroads: 11**
- **Mileage: 2279**
- **Number of Rail Employees: 1615**

Demand For Freight Transportation To Rise Sharply (billions of tons transported in U.S.)



p - projected Source: FHWA Office of Freight Management and Operations, Freight Analysis Framework version 3.5

Smart policy unleashes freight rail's power to drive the American economy



The Staggers Act enabled the freight rail industry to adapt and serve U.S. shippers with a reliable and affordable way to move goods here and abroad.

Rail Tech

➤ ADVANCED FUEL MANAGEMENT SYSTEMS

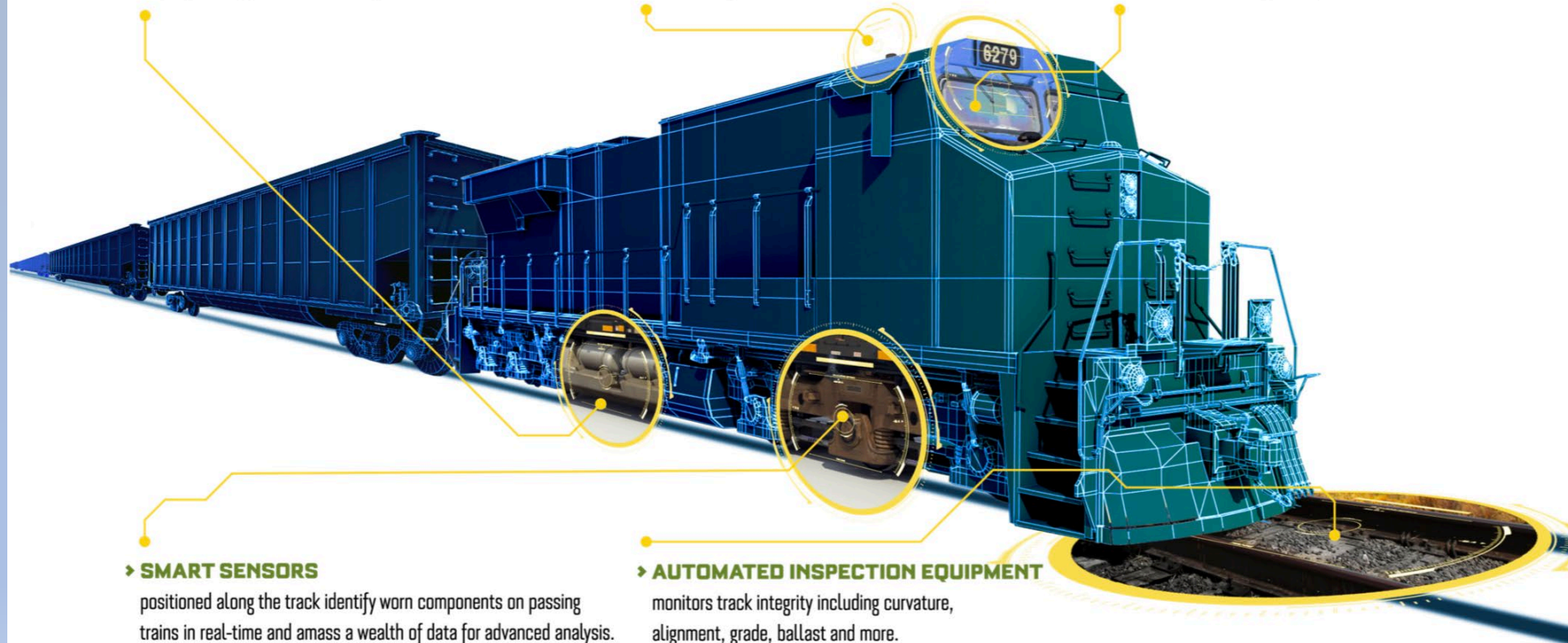
assess track grade, train weight, wind speed and more, allowing our locomotives to move one ton of freight 470+ miles on a single gallon of fuel — 4x more efficient than trucks.

➤ POSITIVE TRAIN CONTROL

continuously analyzes the hundreds of variables required to safely stop a train at any given time, counteracting human error.

➤ MODERN TIER 4 LOCOMOTIVES

are outfitted with hundreds of sensors that generate thousands of performance readings per minute to maximize efficiency.



➤ SMART SENSORS

positioned along the track identify worn components on passing trains in real-time and amass a wealth of data for advanced analysis.

➤ AUTOMATED INSPECTION EQUIPMENT

monitors track integrity including curvature, alignment, grade, ballast and more.

Coordination & Responder Training



- Thousands of emergency responders trained each year through industry and individual railroad efforts
- The Security and Emergency Response Training Center also offers a free, web-based training (<http://sertc.org/course-type/web/>)
- Railroads work with states & communities on developing emergency response plans

AskRail App

- Provides first responders immediate access to accurate, timely data about what type of hazmat a rail car is carrying so they can make an informed decision about how to respond to a rail emergency
- Available only to qualified first responders
- Provided to over 25,000 first responders in all 50 states and 8 Canadian provinces
- For more information or to sign up, visit <http://www.askrail.us>





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