



ORANGE IS THE NEW GREEN
SUSTAINABLE FREIGHT TRANSPORTATION FOR YOUR SUPPLY CHAIN

Presentation to Southeast Association of Rail Shippers
John Lovenburg, VP Environment & Sustainability

Rail is the Most Environmentally Efficient Mode of Surface Transportation



In 2020, customers **reduced total carbon emissions by 24.7 million metric tons** by shipping with BNSF. That's the equivalent of taking five million vehicles off the road.



On average, BNSF trains can move one ton of freight more than **480 miles on just one gallon** of diesel fuel.



On average, trains are **three to four times more fuel efficient** than their highway counterparts and lower greenhouse gas emissions by more than 75%.*

*Association of American Railroads Data

We Care

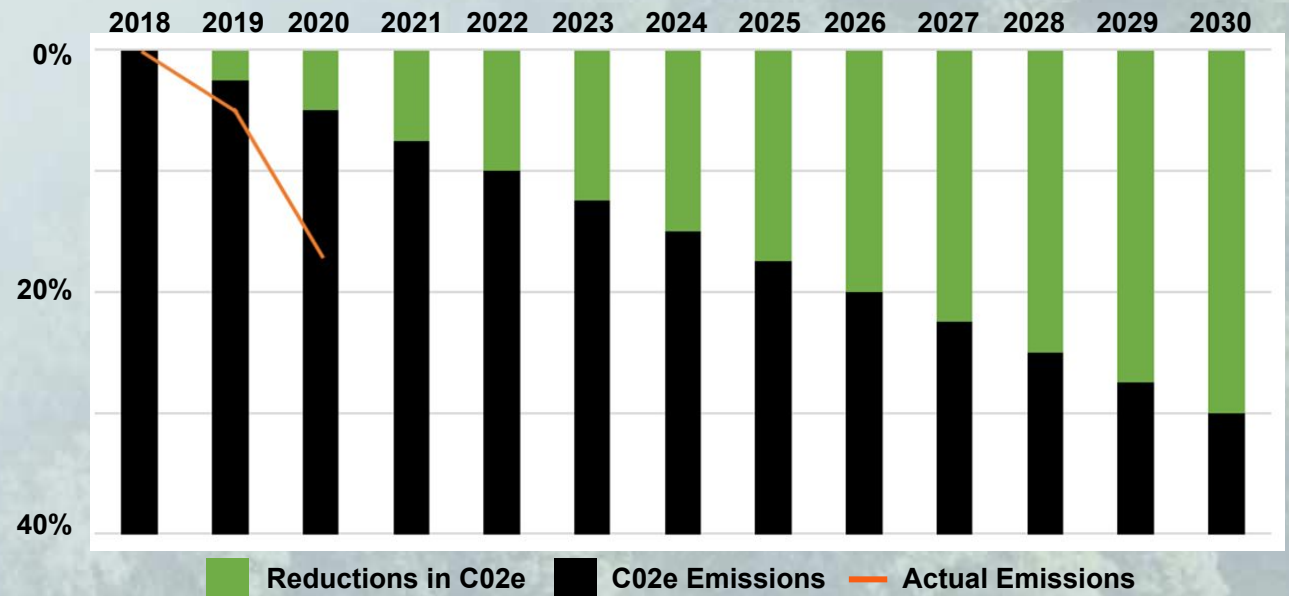


Leading the Way:

- Sustainable practices
- Next generation of locomotives
- Testing new technologies

With these efforts and many more, BNSF is committed to reduce our emissions by 30% by 2030.

BNSF Emissions Reductions by Year



Supporting a Circular Economy



- **Plastics: Advanced Recycling**
- **Low Carbon Cement**
- **Renewable Fuels**
- **Emerging Power & Energy Storage**
- **Recycled Composites**