



CALIFORNIA
High-Speed Rail Authority

2024 Sustainability Report

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Director of Planning and Sustainability

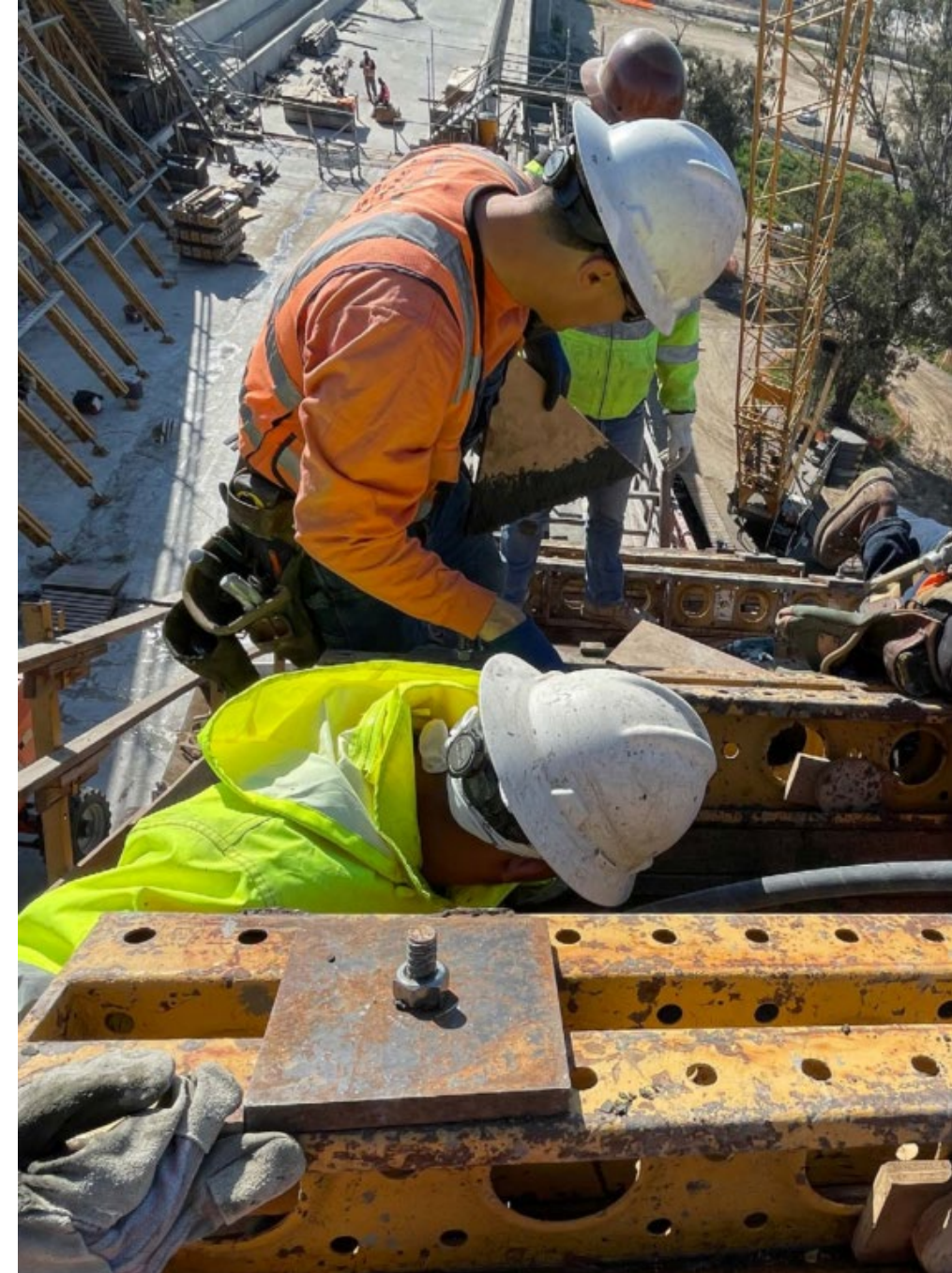
September 26, 2024

2024 Sustainability Report

An annual report of progress toward the Authority's signature sustainability priorities and commitments:

- 100% Renewable Energy for Operation
- Carbon Neutral Construction
- Reducing Waste to Landfill
- Maximizing Ridership and Value to Californians

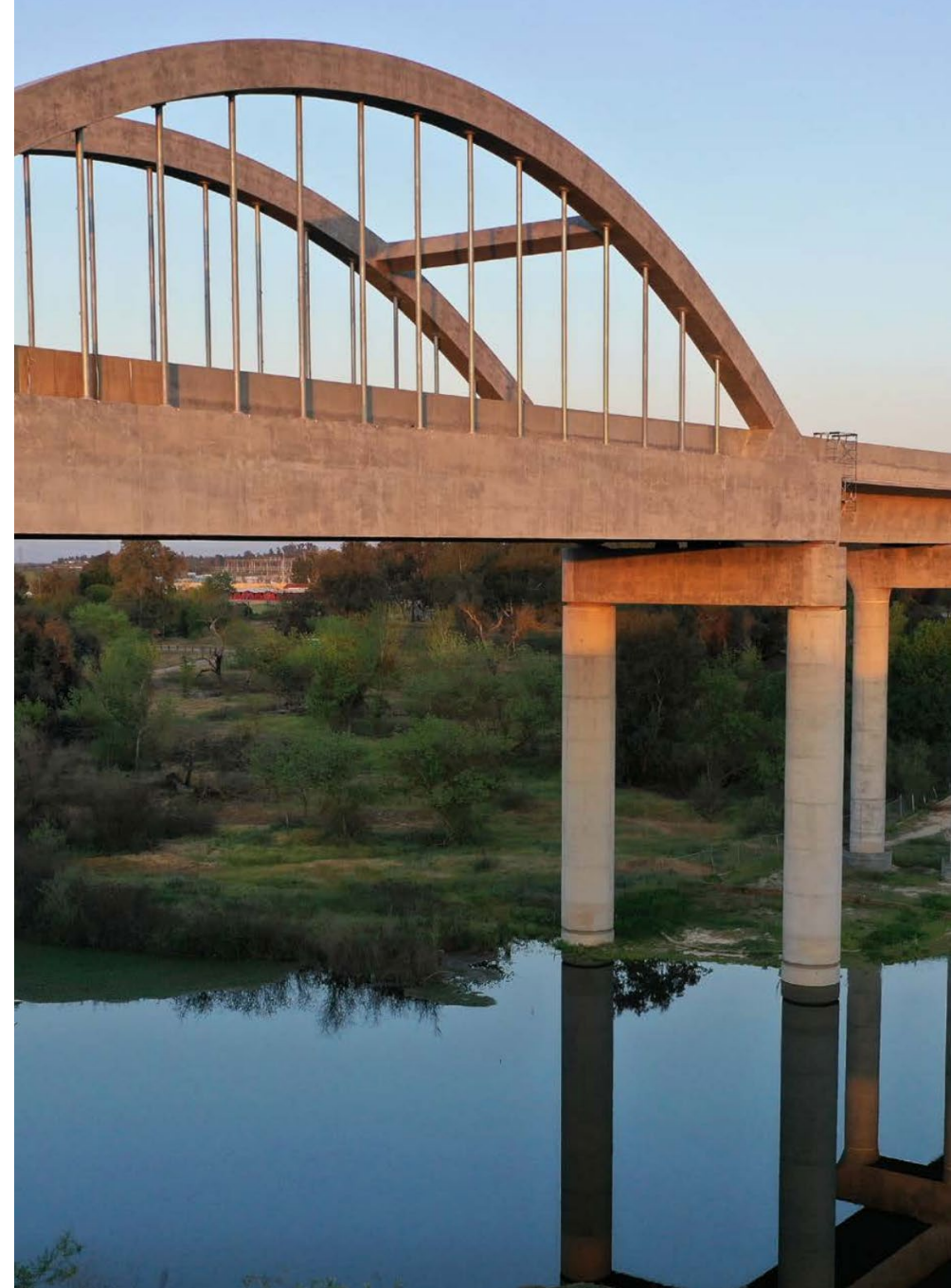
An update against the several dozen indicators that maintain fidelity with global reporting standards and stakeholder expectations



Sustainability Policy

The Authority will deliver a sustainable high-speed rail system for California **that serves as a model for sustainable rail infrastructure.** The Authority has developed and will continue to implement sustainability practices that inform and effect the planning, siting, designing, construction, mitigation, operation and maintenance of the high-speed rail system.

POLI-1007 – Sustainability Policy



Delivering Benefits Now and Building a Strong Future



14,096 jobs



66% spending
in disadvantaged
communities



3,000+ jobs



\$203.6 billion
economic output



4 stations
under design
connecting 3 million
Californians



20 million
people
within 30 minutes
access of HSR stations



7,100 trees
planted



1,800 acres
Forest planted



143,000
MTCO₂e
sequestered



142 million MTCO₂e
avoided



3,190 acres
agricultural land conserved



4,490 acres
Habitat preserved



349,000 MTCO₂e
avoided



Highest-rated
Envision Platinum certification



100% completion
Construction Package 4



100% renewable
energy



496 miles
electrified
high-speed rail

Contributing to California's Economy & Benefitting Disadvantaged Communities

Our investments generated approximately **\$18 billion** in total economic activity in the State.

66% of the total construction labor jobs were filled by targeted workers, who live in disadvantaged communities.

13,930 Construction Jobs Created

5,253



5,430



3,247



As of July 31, 2024.

Creating Ridership and System Value through Engagement

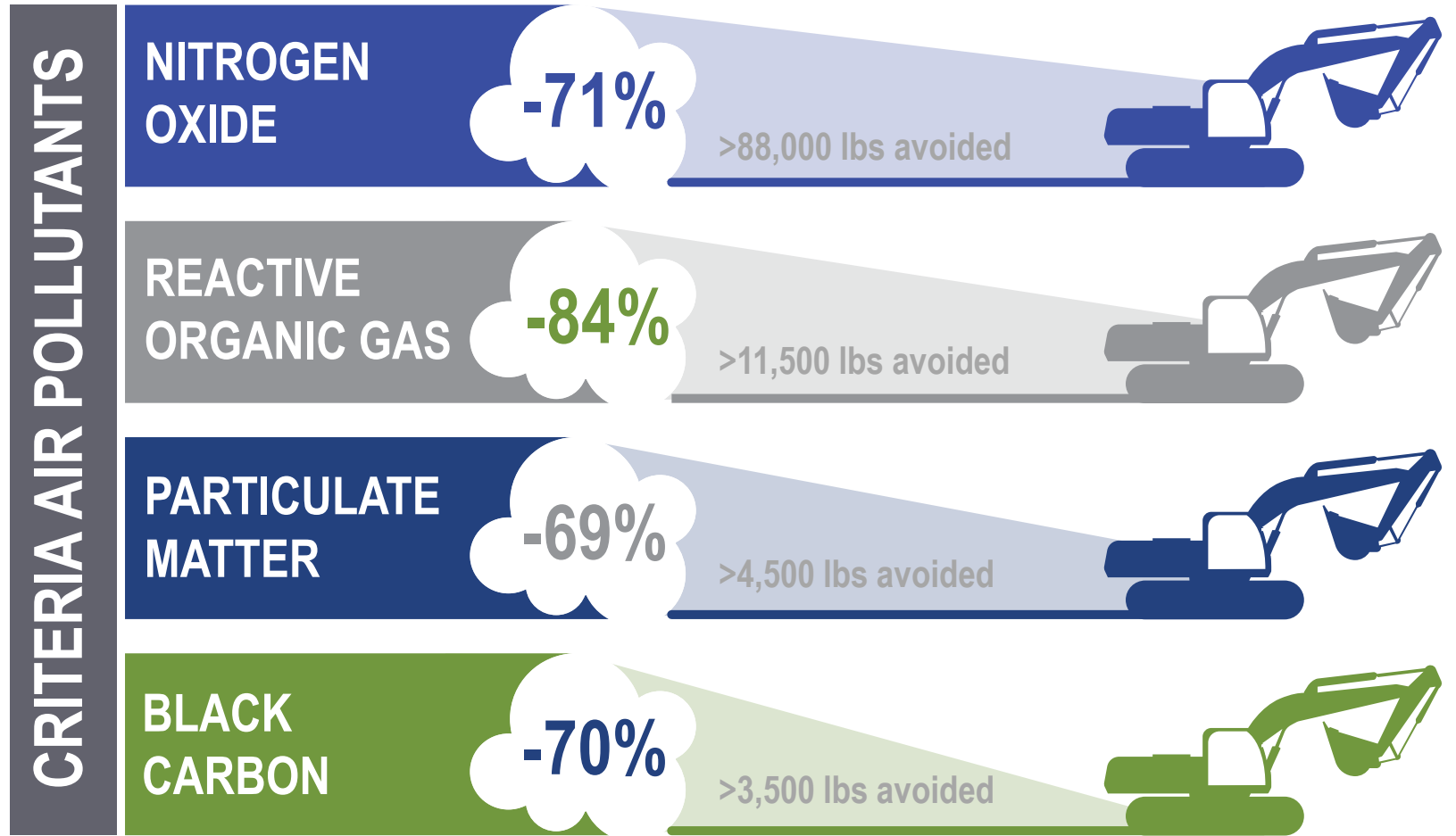
- Delivering station design with a clear building block approach
- Understanding the opportunity for the station to generate economic development
- Identify ways to increase ridership and revenue for the system



Protecting Communities from Air Pollution

We avoided 110,000 pounds of criteria air pollutants in 2023 alone.

We've avoided **over 570,000 pounds of pollutants** since the start of construction.



Delivering Conservation and Habitat Restoration

4,490 acres
Habitat Preserved
and Restored

3,190 acres
Agricultural Land
Conserved



Successfully Diverting Waste

Since 2015:

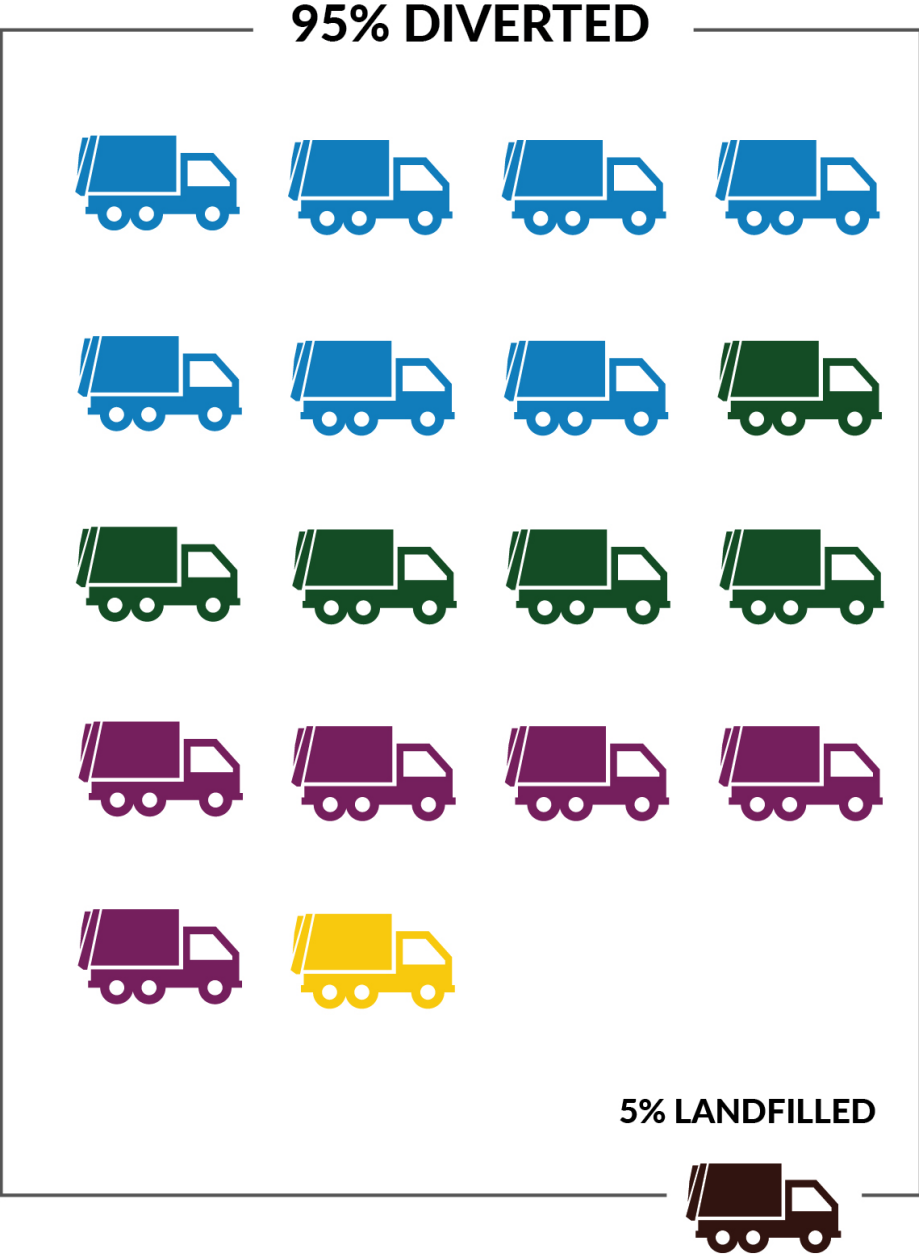
Total Waste Generated

Total Waste Diverted

- Recycled (121,576 tons).....37%
- Reused (87,335 tons).....27%
- Stockpiled (85,508 tons).....26.5%
- Composted (11,740 tons).....3.5%

Total Waste Landfilled

- Landfilled (16,581 tons).....5%

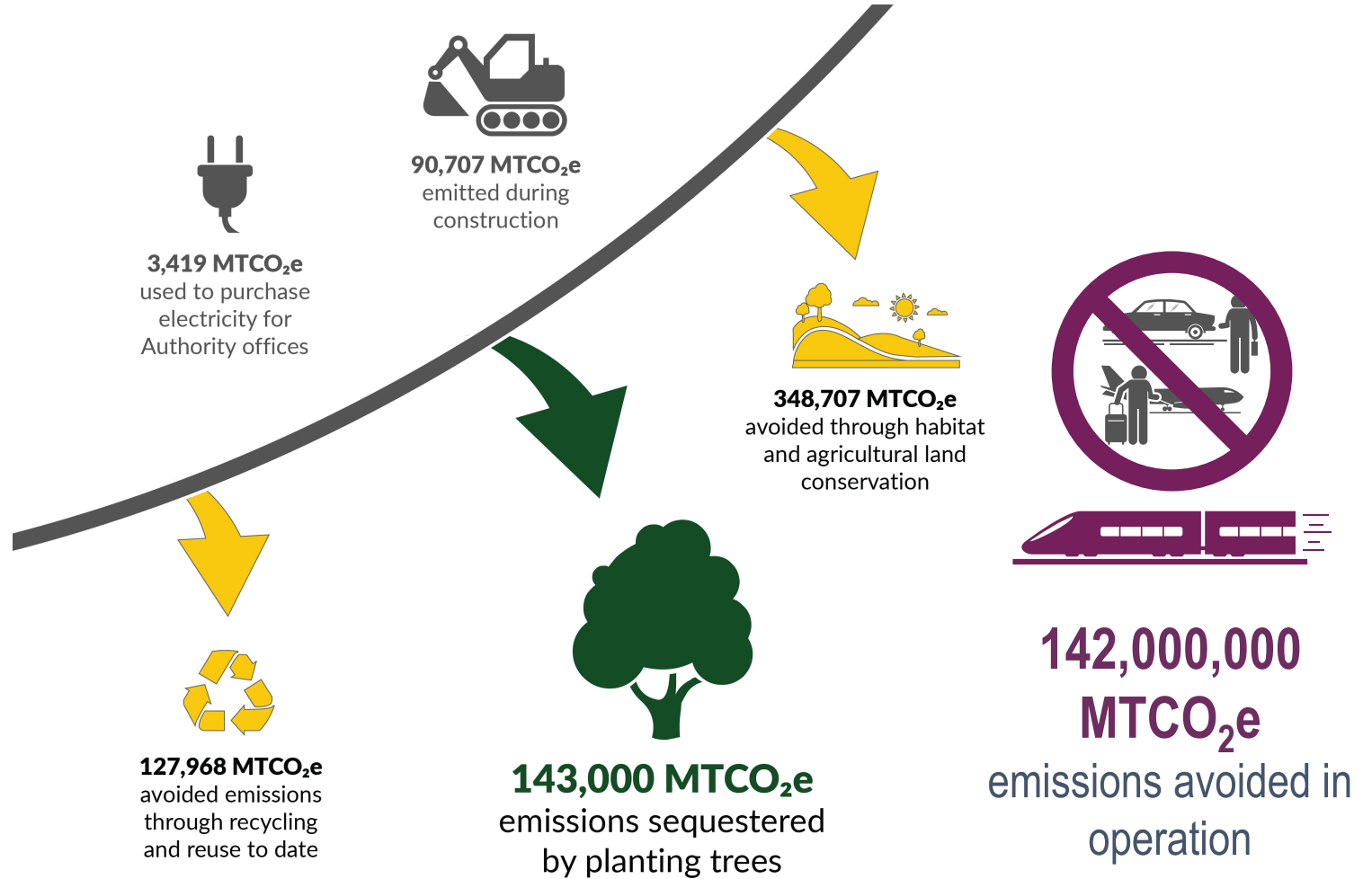


Contributing to California's Important Climate Goals




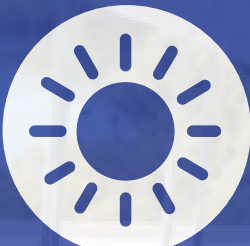

Meeting our commitment to net-zero construction.

Delivering over 500,000 tons of avoided emissions.

Creating a system with the capacity to reduce over 140,000,000 tons of emissions in operation.



Implementing sustainability reflects our organization and mission to deliver a complex rail mega-project.

 <p>Economic Development & Governance</p> <hr/> <p>Prioritizing strong leadership, management, and transparency</p>	 <p>Energy & Emissions</p> <hr/> <p>Tracking and reducing energy use and emissions</p>	 <p>Natural Resources</p> <hr/> <p>Responsibly managing natural resources and ecosystems</p>	 <p>Sustainable Infrastructure</p> <hr/> <p>Balancing social, environmental, and economic concerns</p>	 <p>Station Communities & Ridership</p> <hr/> <p>Collaborating to promote sustainable land use</p>
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Questions?

