



BART 2026-2035 Sustainability Action Plan (SAP) Update

October 2025



Agenda

- Background on BART Sustainability
- Key Takeaways from Outreach
- Overview of Goals, Recommended Actions, & Metrics
- Next Steps



Background on BART Sustainability

CY 2024 Sustainability Report:

Sustainability at BART

Both what BART does...

- Transportation accounts for 38% of greenhouse gas (GHG) emissions in CA, and of those, 73% are produced by passenger vehicles¹.
- BART supports a shift from driving alone to transit, significantly reducing GHG emissions from transportation in the Bay Area.

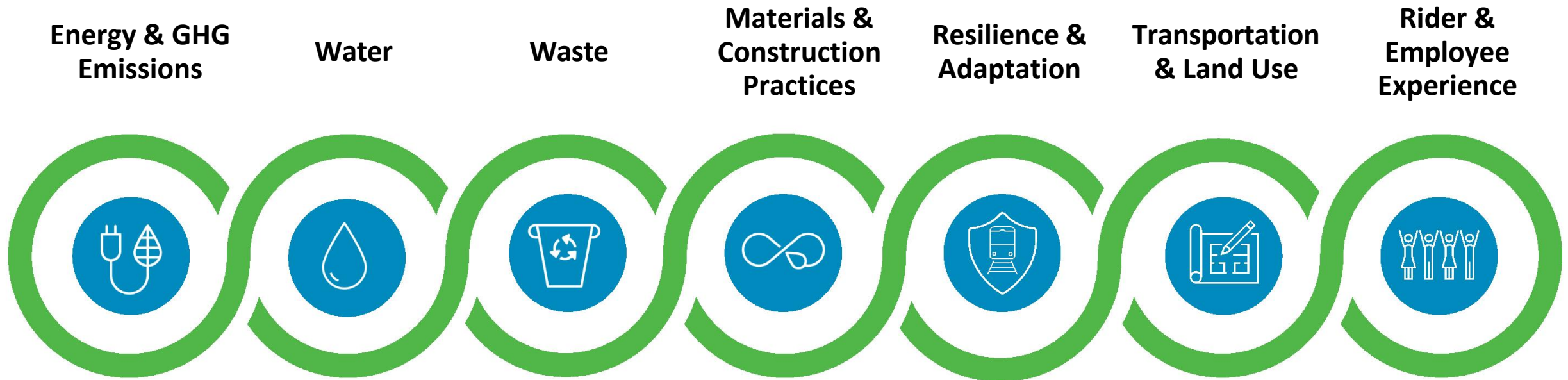
...and how BART does it

- Through the Sustainability Policy (Adopted 2017), BART is committed to integrating sustainability into its daily operations and future transit investments.
- BART published a [2015-2025 Sustainability Action Plan \(SAP\)](#) (Dec 2017) which includes specific goals, targets, and projects aligned with the American Public Transportation Association (APTA) sustainability categories.
- BART publishes annual reports documenting our progress on the SAP, which goes through 2025.
 - [2018](#), [2019](#), [2020](#), [2021](#), [2022](#), [2023](#), [2024](#)

Sustainability Action Plan Overview

The 2026–2035 Sustainability Action Plan (SAP) outlines how BART will continue to implement our Board-adopted [Sustainability Policy \(2017\)](#) by supporting climate resilience, public well-being, and responsible environmental practices through its operations and services.

Key Sustainability Topics

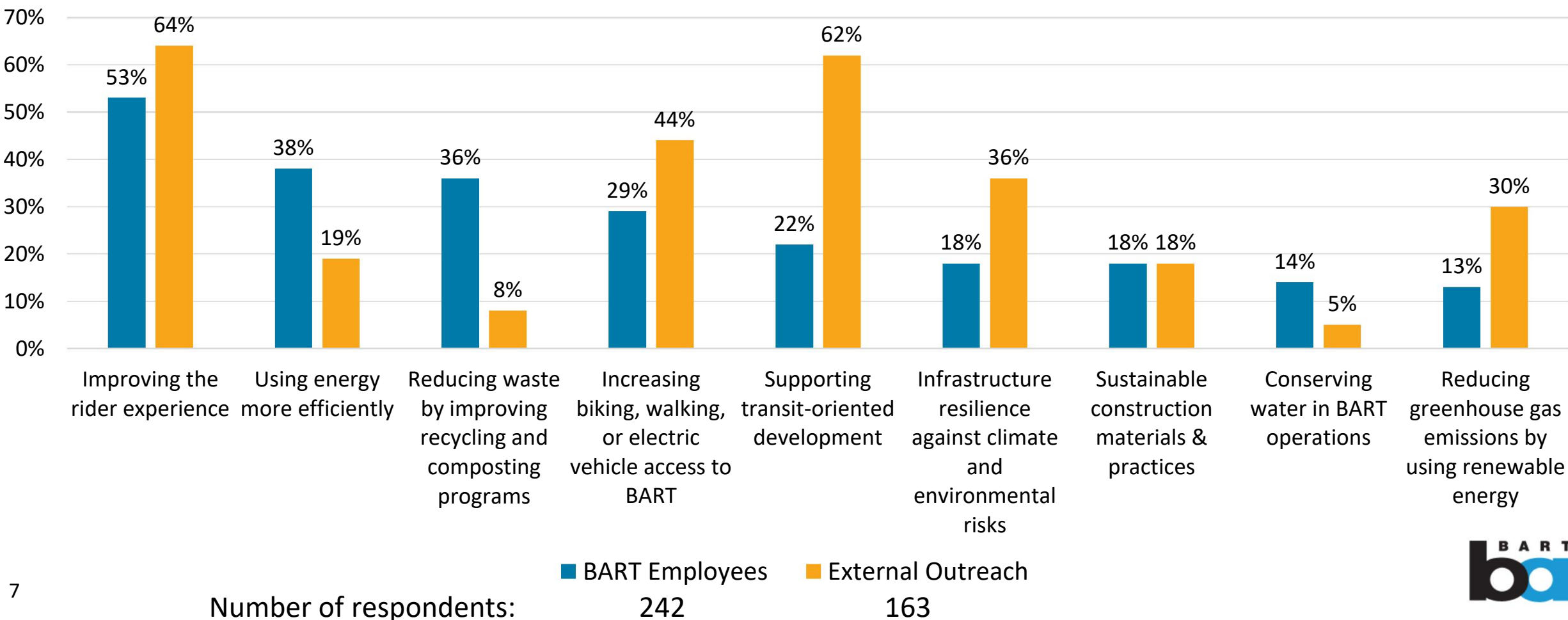


Focus on mitigating hazards in environmentally overburdened communities *woven throughout*

Key Takeaways from Outreach

Key Takeaways from Survey (Dec 2024 – Jan 2025)

Over the next 10 years, which of the following areas should BART prioritize when it comes to sustainability (choose up to three)?



Key Takeaways from Community Meetings (Nov 2024 & July 2025)

Transportation & Land Use

- Improve last-mile connections
- Add more housing and neighborhood-serving amenities near transit

Rider and Employee Experience

- Improve train and station cleanliness
- More available garbage cans
- Enhance walkability around stations
- Better lighting in and around stations

Energy & GHG Emissions

- Transition to 100% renewable energy

Community Alignment

- Ensure conversations are inclusive

Long-term Outlook

- Ensure financial sustainability of system

SAP Stewardship Committee & Internal Stakeholder Meetings

- Stewardship Committee
 - Cross-departmental team of 10 BART employees providing oversight of SAP development
 - Sustainability
 - Office of the District Architect
 - Office of Infrastructure Delivery
 - Operations Planning
 - Performance & Innovation
 - Purchasing
 - Strategic & Policy Planning
 - System Safety
- Three cross-departmental meetings with ~30 BART employees in January 2025 to discuss action items and future responsibilities

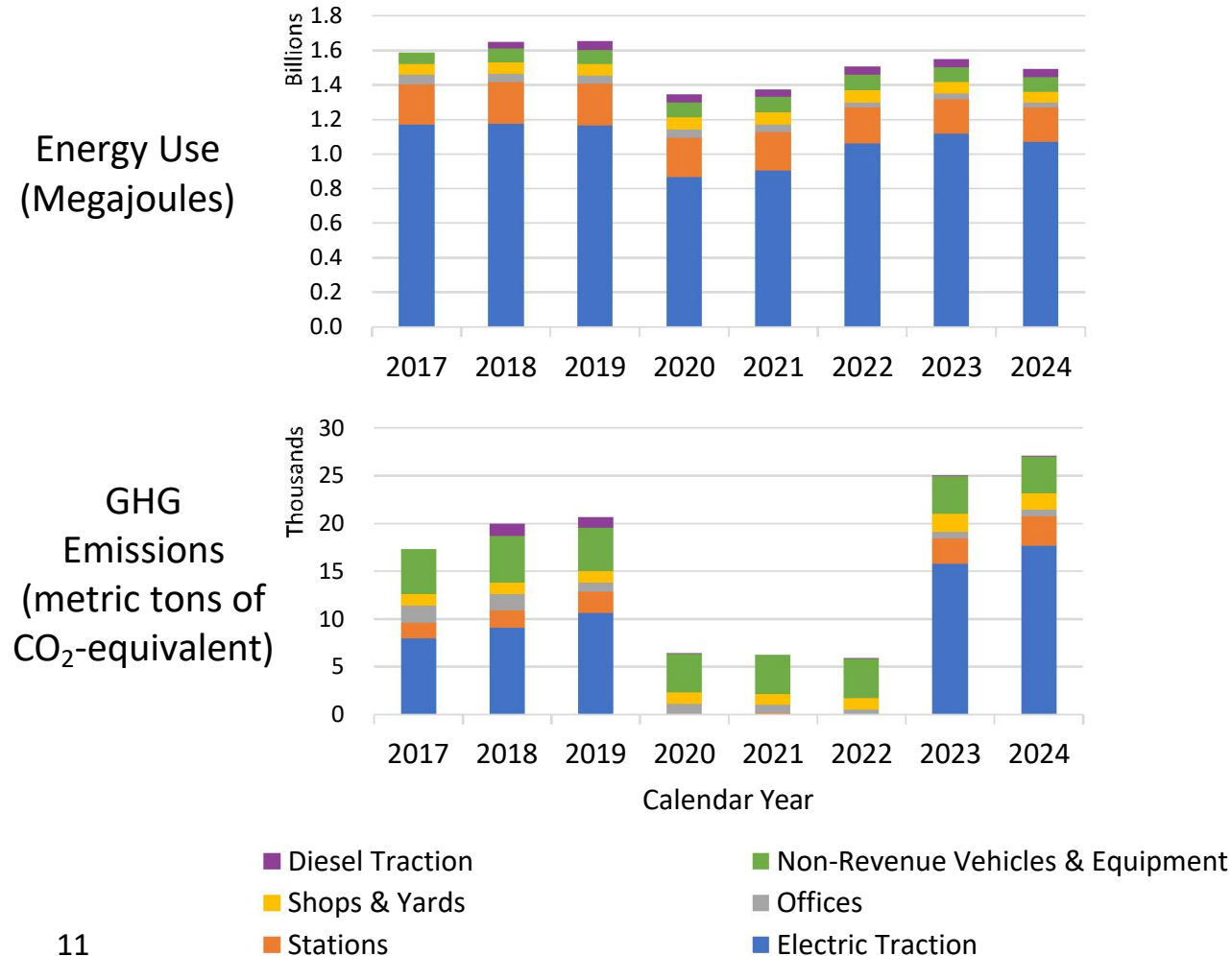
Overview of the Key Sustainability Topics, Goals and Actions

Energy & GHG Emissions

Goal: Use energy efficiently and minimize operational GHG emissions.



Trends



Proposed Actions

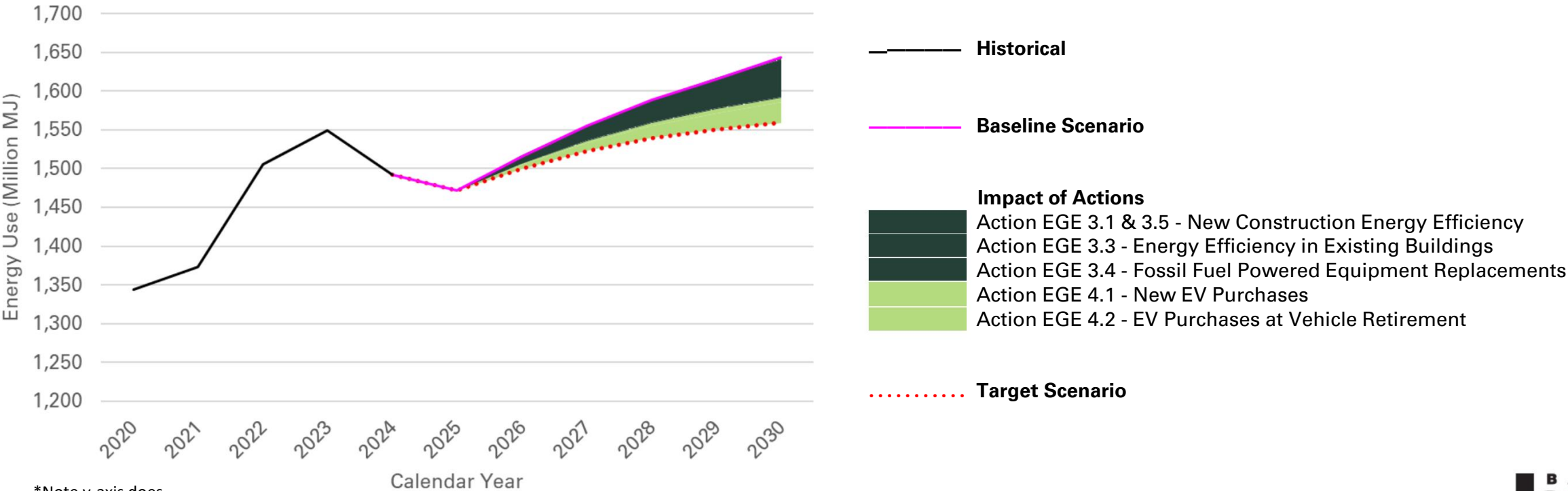
- Improve energy efficiency
 - Explore operational improvements for all-electric train cars
 - Evaluate feasibility of onsite energy storage
 - Pursue efficient design in new BART construction
- Electrify revenue and non-revenue fleet
 - Explore opportunities to electrify eBART
 - Expand non-revenue electric vehicle fleet
- Electrify buildings and equipment
 - Replace fossil-fueled powered equipment
 - Expand on-site solar
- Procure 100% renewable power for BART's electricity.

Energy & GHG Emissions

Energy Use Metrics



Metrics	2030 Baseline Scenario	2030 Target Scenario
Megajoules (MJ) per vehicle revenue mile (VRM)	19.5 MJ/VRM	Reduce Baseline Scenario by 5% → 18.5 MJ/VRM
MJ per passenger mile (PM)	1.7 MJ/PM	Reduce Baseline Scenario by 5% → 1.6 MJ/PM



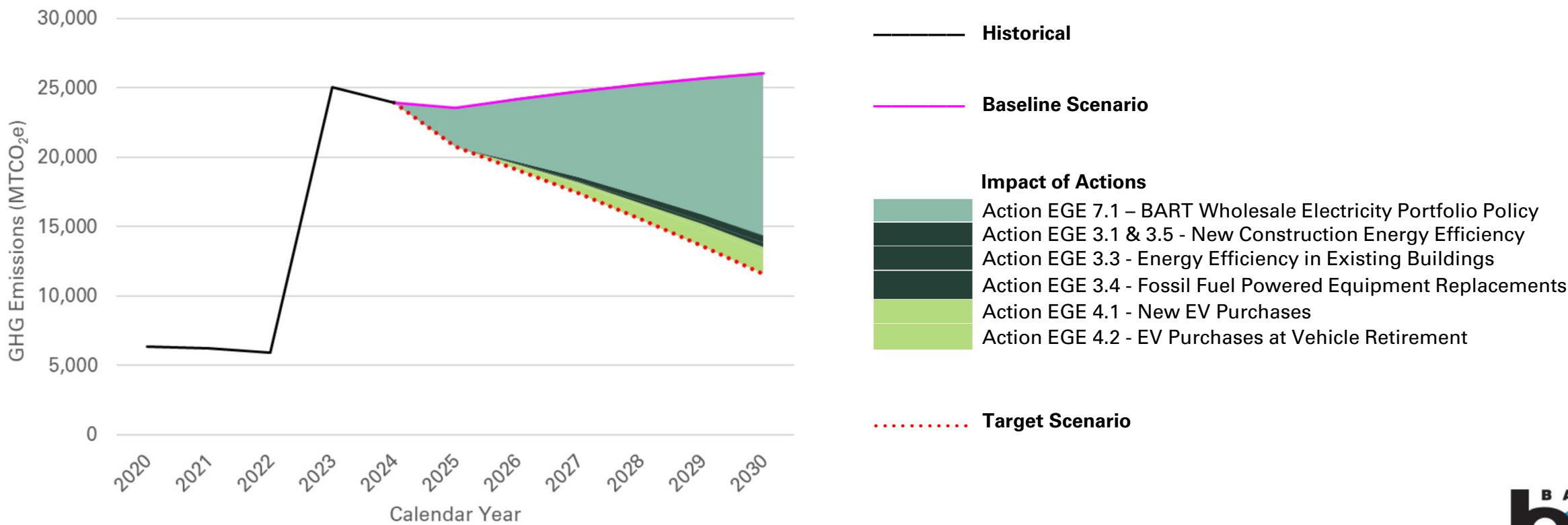
*Note y-axis does not begin at 0.

Energy & GHG Emissions

GHG Emissions Metrics



Metrics	2030 Baseline Scenario	2030 Target Scenario
Metric tons of CO ₂ -equivalent (MTCO ₂ e) per vehicle revenue mile (VRM)	0.310 MTCO ₂ e/Thousand VRM	Reduce Baseline Scenario by 56% → 0.138 MTCO ₂ e/Thousand VRM
MTCO ₂ e per PM	0.027 MTCO ₂ e/Thousand PM	Reduce Baseline Scenario by 56% → 0.001 MTCO ₂ e/Thousand PM

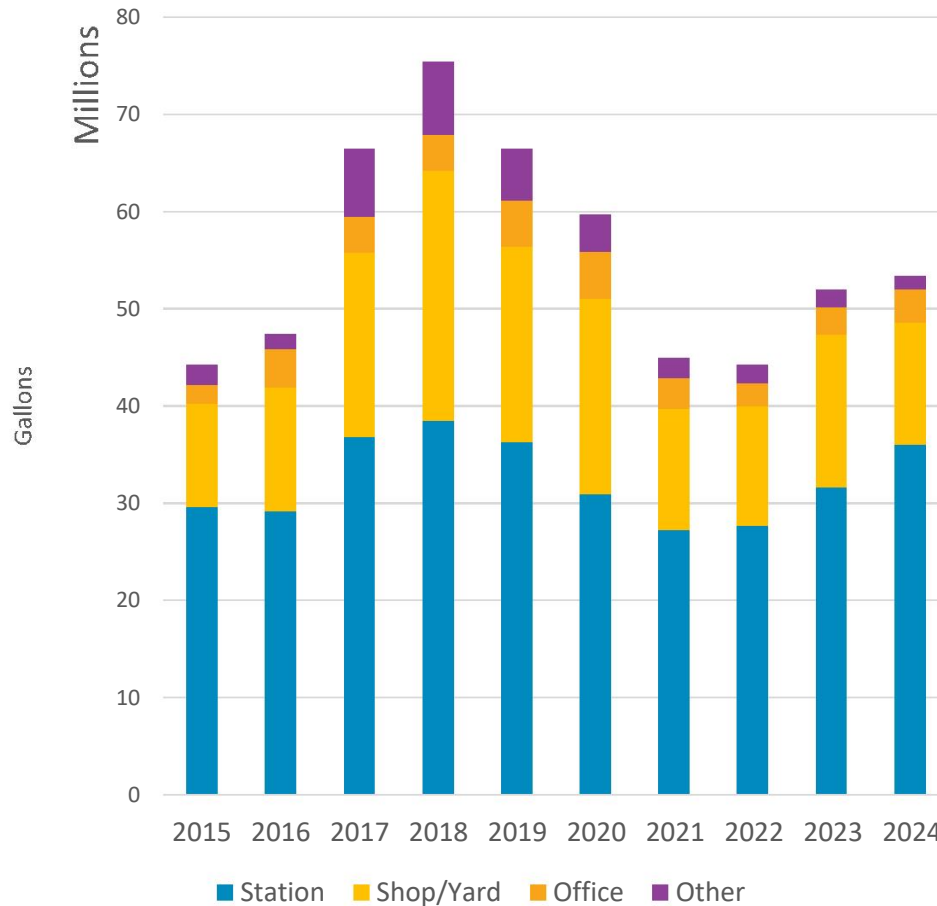


Water

Goal: Use water efficiently and minimize potable water use.



Trends



Proposed Actions

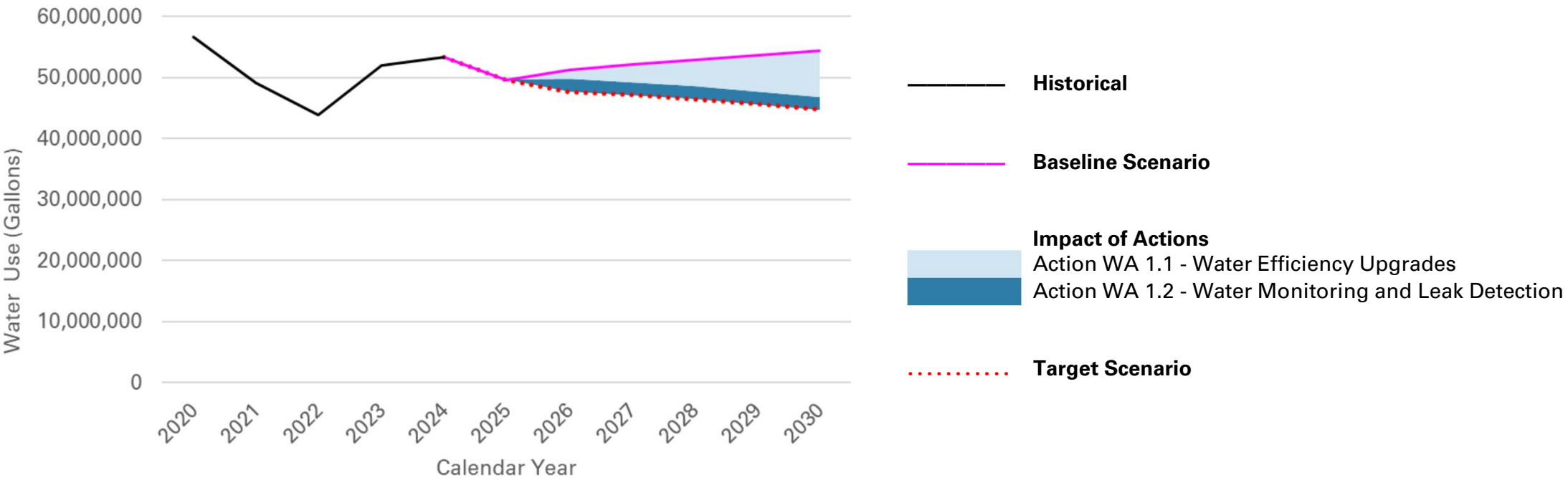
- Improve water efficiency at BART facilities.
 - Conduct audits at all stations and shops/yards
 - Install new fixtures and pipes to minimize leaks and excess flow
 - Explore new software to collect and analyze water data
 - Use drought-resistant vegetation for landscaping
- Supply BART facilities with recycled water sources.

Water

Goal: Use water efficiently and minimize potable water use.



Metrics	2030 Baseline Scenario	2030 Target Scenario
Stations: Gallons/Rider	0.54 Gallons/Rider	Reduce Baseline Scenario by 23% → 0.42 Gallons/Rider
Shops & Yards: Gallons/vehicle revenue length (VRL)	27,526 Gallons/VRL	Reduce Baseline Scenario by 11% → 24,374 Gallons/VRL
Offices: Gallons/Employee	691 Gallons/Employee	Reduce Baseline Scenario by 4% → 660 Gallons/Employee
Other: Gallons/Meter	13,396 Gallons/Meter	Reduce Baseline Scenario by 4% → 12,795 Gallons/Meter



Waste



Goal: Divert waste from landfill and minimize contamination.

Trends

Materials in Station Waste Bins		
Material	Landfill bins	Recycling bins
Recyclable	25%	79%
Compostable	8%	5%
Landfill	67%	16%

Recommended Actions

- Improve recycling, composting, and electronic waste collection at BART facilities.
- Periodically conduct audits on waste composition
- Install water bottle refill stations at BART facilities.
- Promote reuse of operational materials at BART facilities.
- Reduce construction and demolition waste.

Waste



Goal: Divert waste from landfill and minimize contamination.

<u>Metrics</u>	<u>2030 Baseline Scenario</u>	<u>2030 Target</u>
Stations		
Recycle contamination rate	21% by volume	Reduce Baseline Scenario by 25% → 16% contamination by volume
Recyclables capture rate	53% by volume	Increase Baseline Scenario by 25% → 66% by volume
Compost contamination rate	TBD for 2030 SAP update	TBD for 2030 SAP update

Waste from construction, demolition, and maintenance, as well as waste from offices, shops, and yards to be tracked later once audits are performed.

Materials & Construction Practices



Goal: Choose sustainable materials, construction practices & approaches to operations.

Trends

- Project delivery staff are trained on BART Facilities Standards Sustainability Requirements
- Researching opportunities to develop a districtwide Green Purchasing Policy
- Sustainability staff provides comments and guidance on a variety of projects

Recommended Actions

- Update contract requirements to prioritize sustainable design and construction
- Implement sustainable purchasing program for ongoing operations.

2030 Targets:

- Green Purchasing Policy adopted by 2030

Resilience & Adaptation



Goal: Adapt BART assets and operation services to be more resilient to the impacts of climate change.

Trends

- BART updated its Local Hazard Mitigation Plan in 2022
- Participating in regional planning efforts such as Bay Adapt
- “Green Team” volunteers have planted trees and picked up trash in our local community
- Continue applying for resilience grant funding

Recommended Actions

- Conduct local hazard mitigation planning, where needed, based on engagement and analysis.
- Conduct a climate resilience roadmap.
- Pilot and potentially expand local resilience hub at BART stations.

2030 Targets:

- Complete assessment by Q4 CY 2026
- Start implementation by Q4 CY 2028

Transportation & Land Use



Goal #1 : Increase transit-oriented development (TOD) to improve station access for more residents.

Goal #2: Shift BART station access from automobile use to walking, biking, and public transportation trips.

Trends

- Since 1993, BART has helped build:
 - ~4,200 residential units, of which ~1,300 are affordable
 - ~875,000 square feet of office and retail space
- Expanded bike parking and EV charging at stations
- Improved station access features such as elevators, escalators, and walkways

Recommended Actions

- Increase Transit-Oriented Development (TOD) on BART-owned properties.
- Improve station access to make lower emissions trips (e.g., biking, walking, and public transportation)
- Expand electric vehicle charging stations for BART riders and employees
- Consider needs of the local community.

2030 Targets:

- 5,334 residential units (2,200 affordable units)

Rider & Employee Experience



Goal: Improve rider and employee experience on the BART system.

Trends

- Regularly conduct surveys on rider and employee experience
 - 2024 Customer Satisfaction – 73%
- Focused on safety initiatives
- Implemented Clipper START and Clipper BayPass (discounted fares)

Recommended Actions

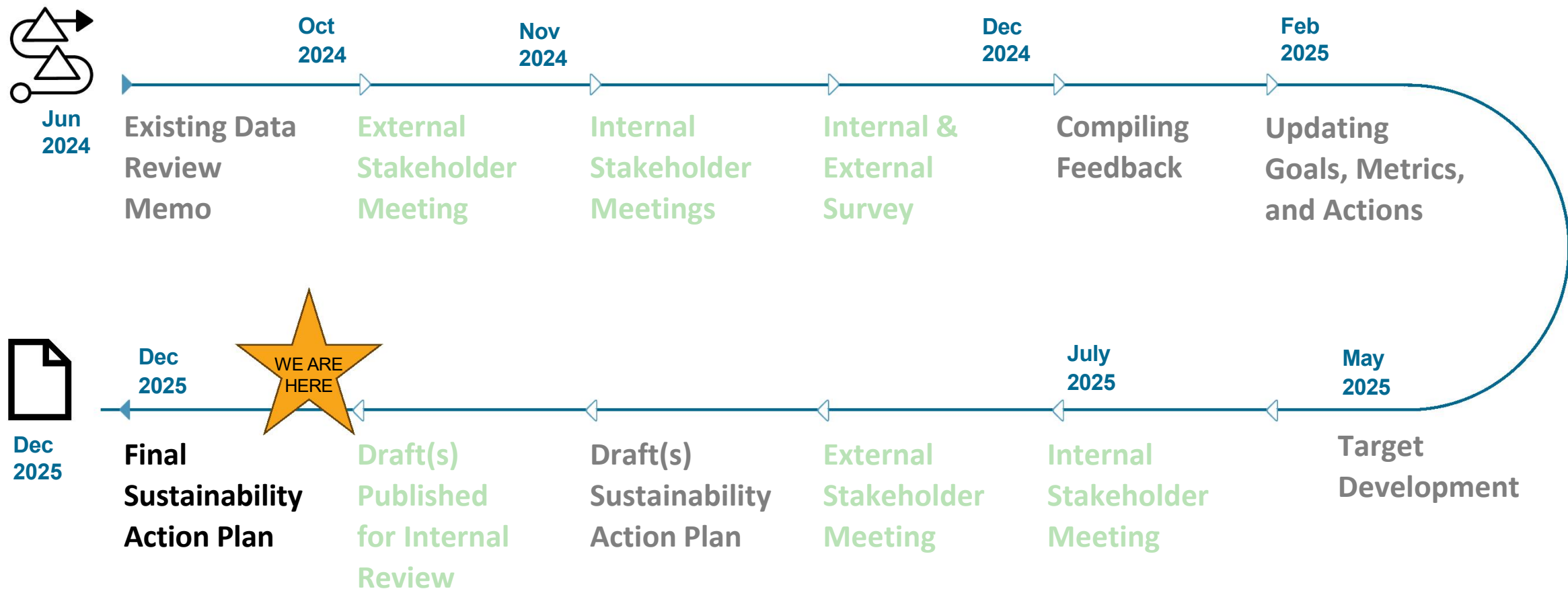
- Create more comfortable, more welcoming, and safer station and train environments.
 - Evaluate opportunities to improve protection from weather at stations
 - Perform station upgrades to enhance accessibility
 - Improve wayfinding, PA systems, and real-time messaging displays
- Improve building systems to better support employee health, comfort, and performance.
 - Improve lighting in stations and workplaces
 - Perform upgrades to station agent booths and warehouses to improve employee comfort

2030 Targets:

- 75% rider survey satisfaction rate

Next Steps

Major Milestones & Stakeholder Engagement



Denotes Stakeholder Engagement



Next Steps

- Draft published on Sustainability webpage
 - [BART.gov/SAP](https://www.bart.gov/SAP)
- Consider comments and finalize language and design in report
- Publish Sustainability Action Plan (SAP) by end of 2025
- Begin implementing actions in 2026

