

2019 Sustainability Progress Report

Board Meeting

July 23, 2020

2019 Sustainability Progress Report

- Report purpose: Overview of agency sustainability performance in 2019
- Presentation:
 - Program Overview
 - 2019 Highlights
 - Recognition
 - Continual Improvement

Board Presentations

- Winter – Strategic Planning and Policy
 - Strategic direction and goal setting
 - Progress on Sustainability Plan goals
- Summer – Annual Progress Report
 - Operational performance and efficiency
 - Progress on annual sustainability targets and KPIs

Sustainability



People - Planet - Prosperity

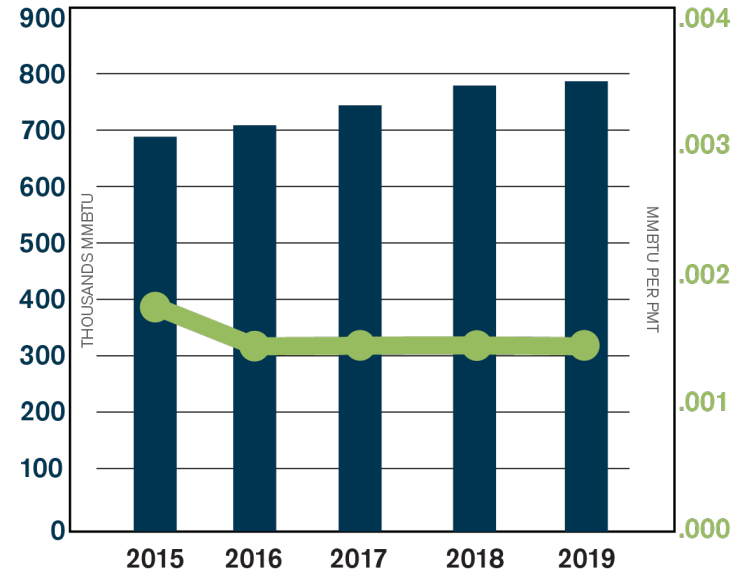
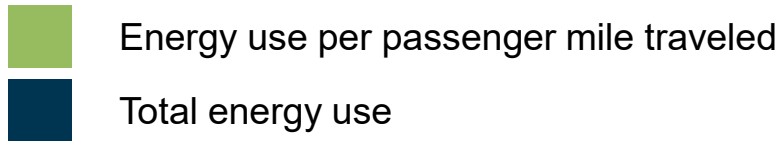
Sustainability

2007 - Sustainable Business Practices and strategies will be integrated throughout the Sound Transit organization, including planning, designing, constructing, operating existing and new transit systems and facilities. - **Ex. Order #1**

2019 Highlight

Moving people further,
more efficiently

1% reduction in energy use per PMT



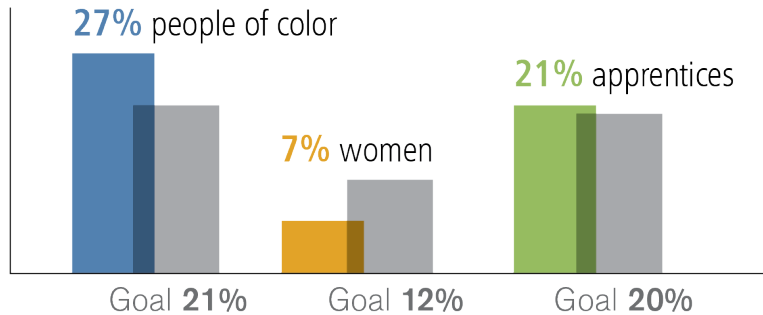
2019 Highlight - People



- Adopted agency Equity and Inclusion Policy
- Trained staff on equity and inclusion topics
- Implement equitable TOD Policy

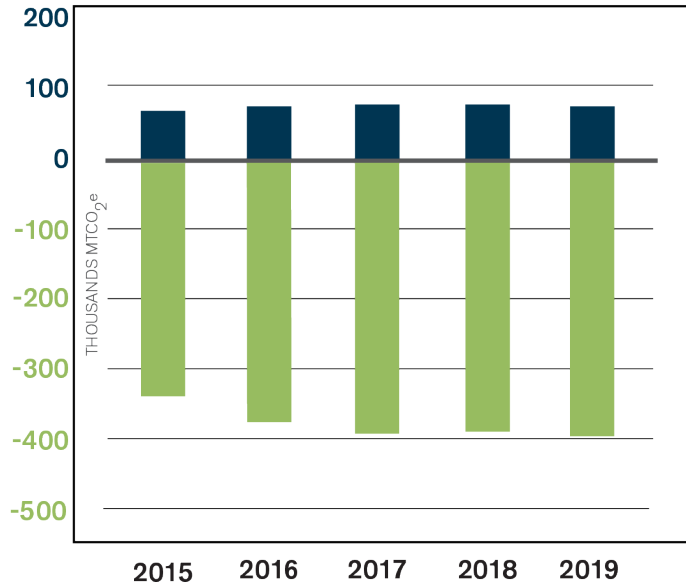
2019 Highlight - People

More than 9,000 people worked 3.8 million hours earning \$175 million in wages. These employees included:



2019 Highlight - Planet

Growing regional benefits



2% more GHG savings than 2018

1 ton ST GHG emissions averts 5.8 tons GHGs in region

- Regional emissions avoided when riders take Sound Transit
- Agency emissions from operations

Regional environmental benefits

ST services avoid GHG emissions equivalent to:



Powering more than
66,000 homes for a year

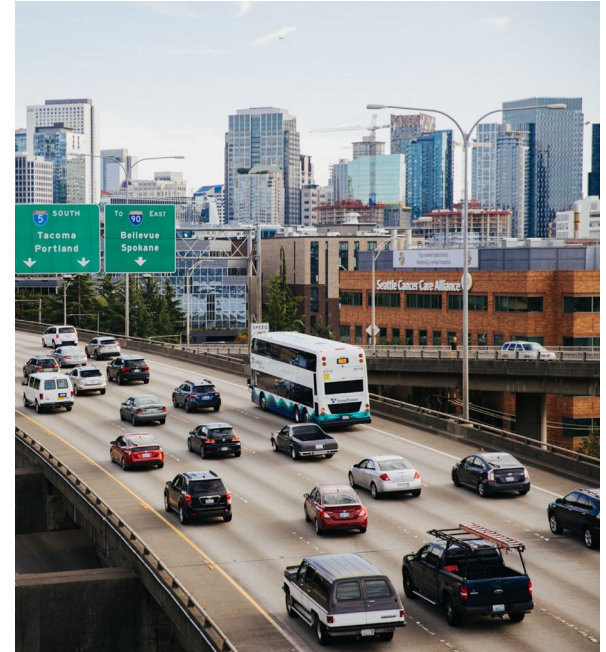


Burning **44 million**
gallons of gasoline

2019 Highlight - Planet

Resource conservation and renewables

- Reduced GHG emissions 4% overall – launch of Green Direct renewable energy purchase from Puget Sound Energy.
- Researched and identified implementation opportunities for fleet electrification.



2019 Highlight - Planet

Environmental Stewardship



- Maintained strong environmental compliance record
- Brought salmon back to Coal Creek in Bellevue
- Returned two large areas of Ronald Bog in Shoreline back to wetlands
- Improved salmon habitat on Green River tributary

2019 Highlight - Prosperity

- Operating efficiently
- Since 2007, 18+ energy and fuel efficiency projects create \$620,000+ in annual savings
- Using green building standards to reduce embodied carbon in stations by 10%



2019 Annual Targets

People

- Contribute \$4 million to an affordable housing revolving loan fund.
- Sign agreement with the Seattle Office of Housing for affordable home ownership projects on agency surplus property in the Rainier Valley.
- Adopt Equity Policy and strategic plan.
- Fully implement inclusion and EEO staff training.
- Conduct a pay equity audit.
- Implement workplace flexibility policy.
- Complete System Access Strategic Plan.
- Update the noise mitigation policy and associated project delivery noise and vibration protocols.

Planet

- Power Link light rail with 100% clean energy.
- Initiate battery electric bus feasibility study for ST bus services.
- Develop and initiate nonrevenue fleet electrification plan.
- Join West Coast Electric Fleets, pledging to expand use of zero-emission vehicles.
- Complete four energy efficiency projects at existing sites/facilities.
- Evaluate agency properties for known or potential contamination and establish a closeout strategy.

Prosperity

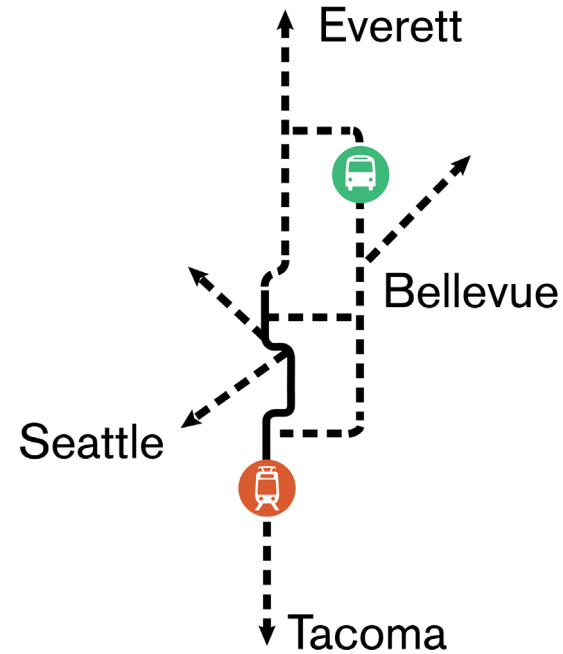
- Conduct Climate Vulnerability Assessment for West Seattle to Ballard Link Extension project.
- Initiate LEED Existing Building Operations and Maintenance certification process for Union Station.
- Enable Procurement and Contracts staff to use e-signature to execute contracts.
- Receive 30% of informal Procurement and Contracts offers (bids, quotes or proposals) electronically.
- Increase the number of solicitations that use green procurement methods by 10% over 2018 levels.
- Document protocols for archaeological compliance during construction.
- Propose a procedure to implement Total Cost of Ownership analysis within the agency.

- Completed 80% of targets
- All remaining targets will be completed in 2020

Recognition



2020 and beyond



- Finalize guidance for sustainability in ST3 projects within the context of changing budgets and timelines.
- Implement resource efficiency and carbon-reduction projects.
- Revise agency's Sustainability KPIs in light of Covid-19
- Increase collaboration with CREI

Thank you.

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