

2022 Sustainability Progress Report

Executive Committee Meeting

8/3/2023



Why we are here

- Sustainability defined
- 2022 data at a glance
- Highlights from 2022 Sustainability Targets
- External recognition
- Continual improvement

Annual Board Sustainability Presentations

Annual Progress Report (today)

- Operational performance and efficiency
- Progress on annual sustainability targets and KPIs

Strategic Planning (winter)

- Strategic direction and goal setting
- Sustainability Plan progress
- Program updates



Defining sustainability



Agency Mission

Moving more people to more places

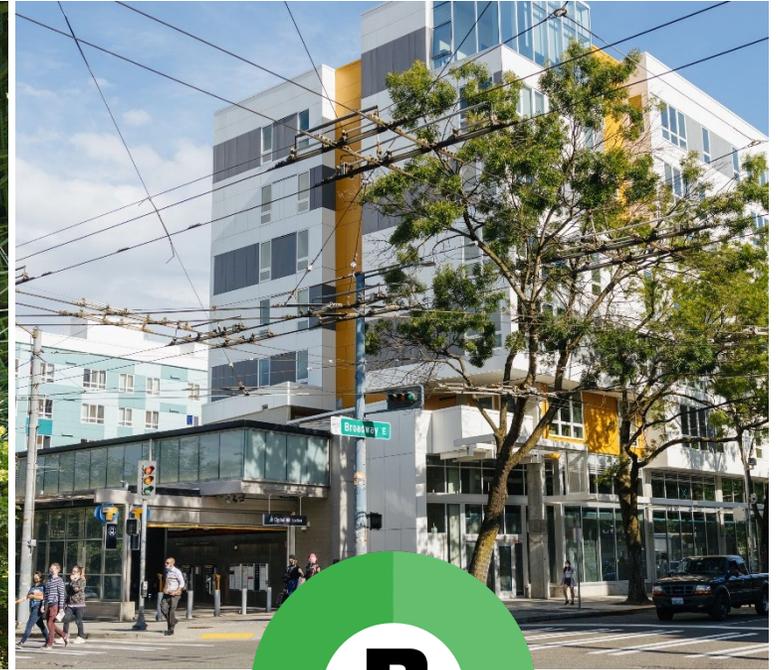
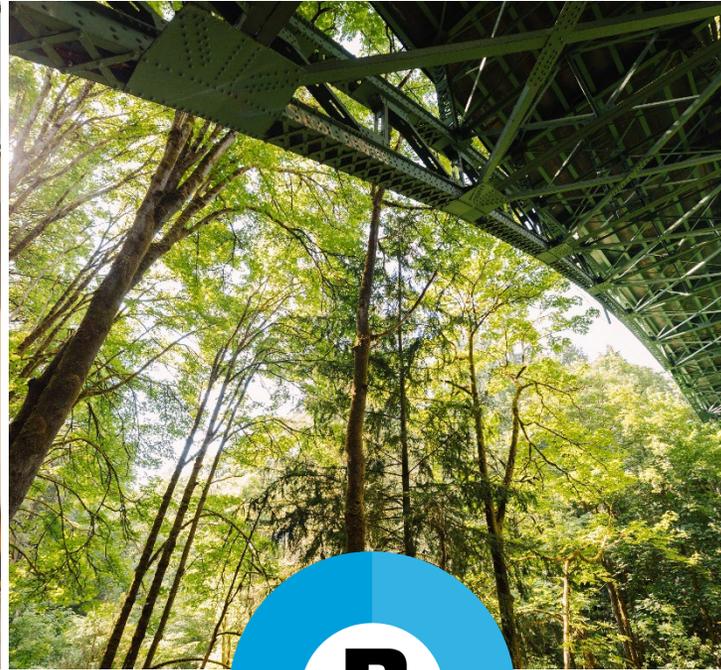


Sustainability Mission

Moving more people to more places, *efficiently, affordably, reliably, and environmentally*



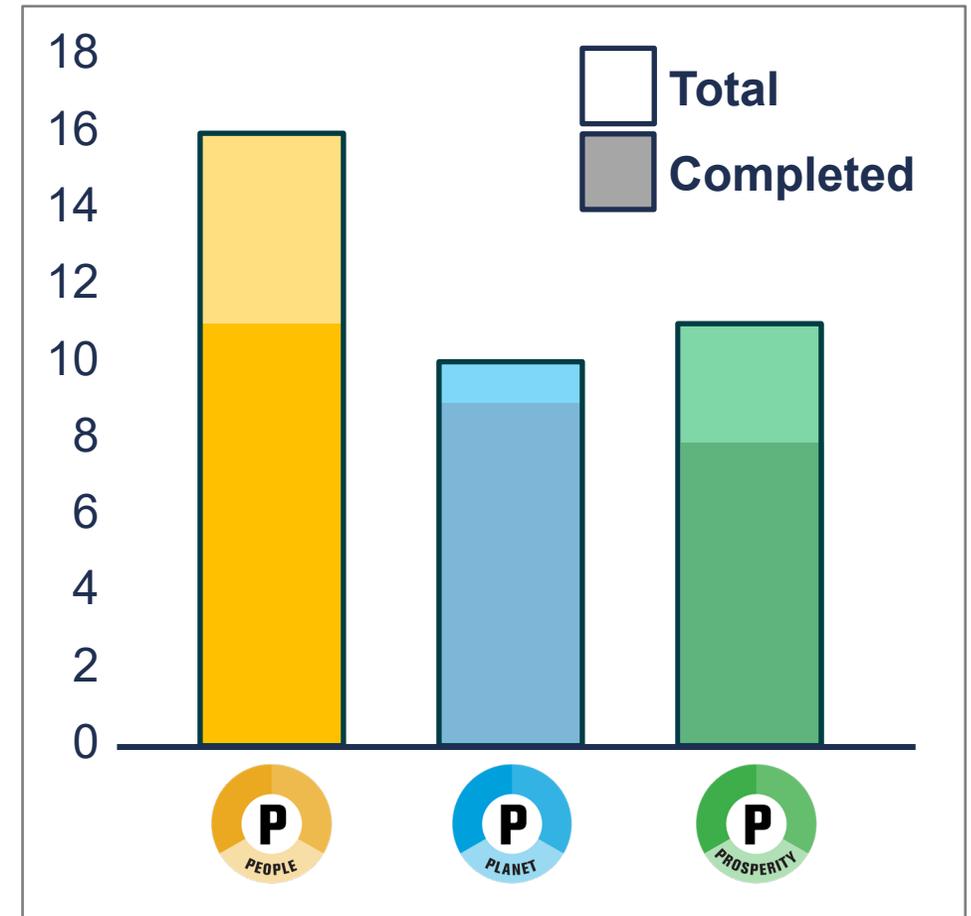
Sustainability



2022 Annual Environmental and Sustainability Targets

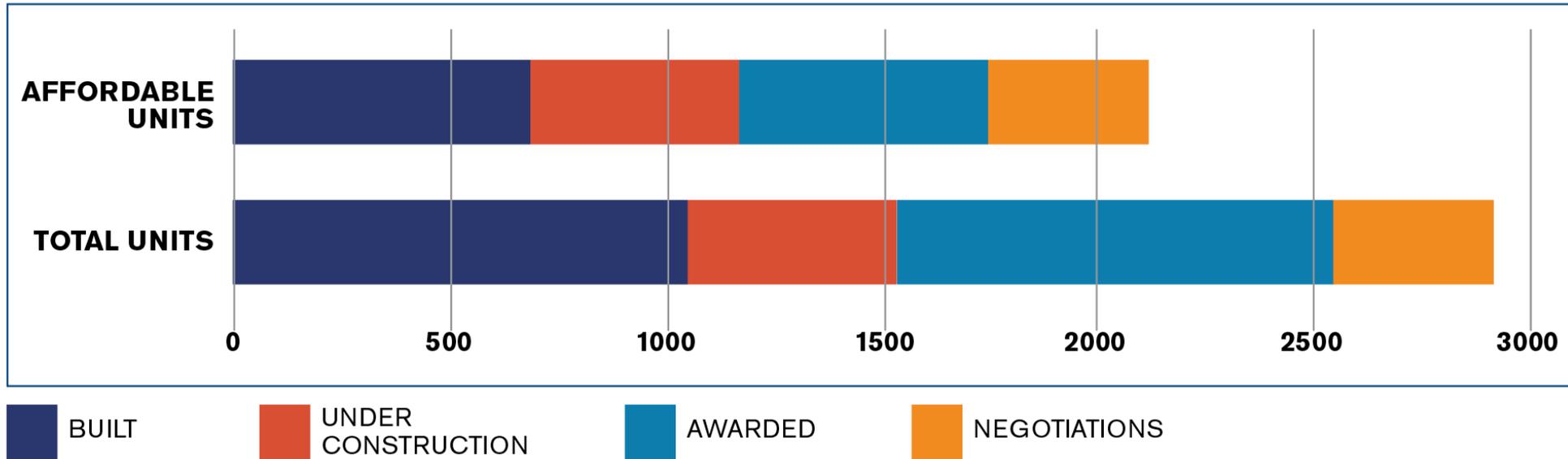
- Completed 76% of 37 targets
- The agency made progress on all partially completed targets, the majority of which will be completed in 2023.

2022 Target Completion Status



2022 Highlight – People

Supporting affordable housing



- Approved three new sites for mixed use TOD developments
- Advanced construction on more than 450 units of affordable housing
- Awarded three former ST surplus properties as home building sites

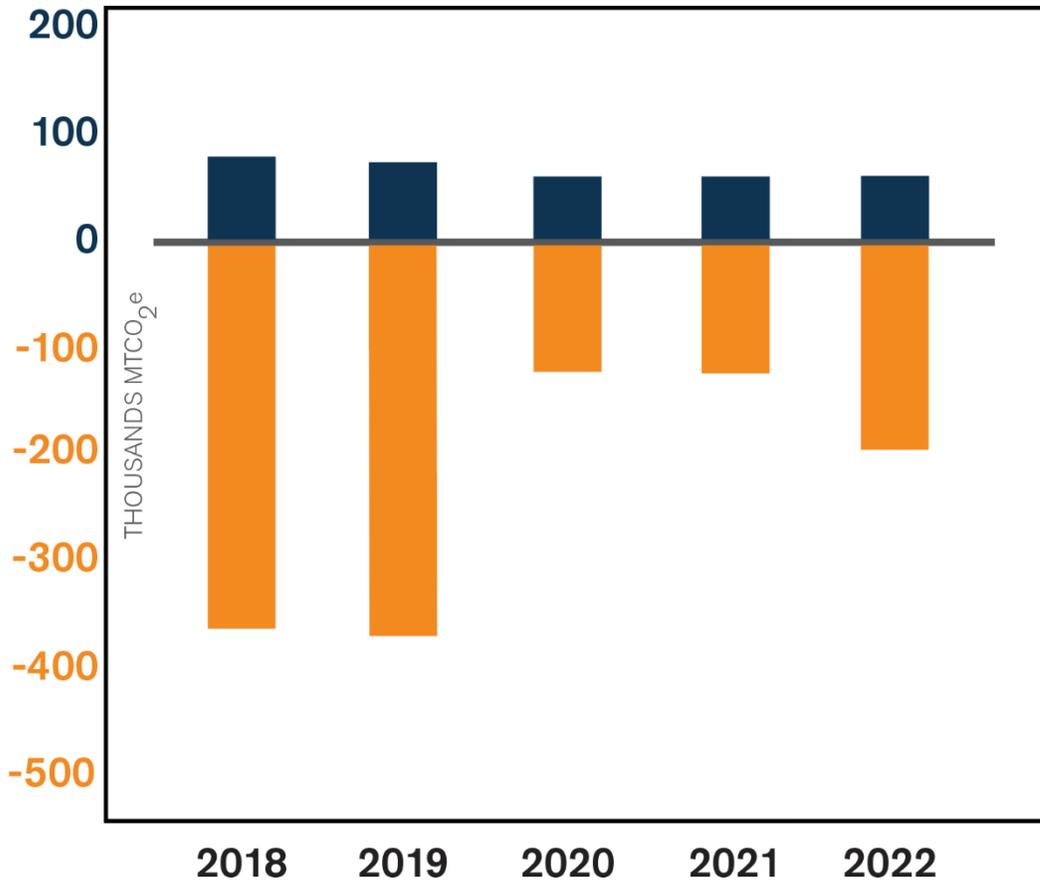
2022 Highlight – People Committed to equity

- Published first Racial Equity Toolkit in February 2022.
 - Everett Link Extension and Tacoma Dome Link Extension implementing RETs by end of 2022.
 - Several more slated for 2023
- Began development and Implementation of Anti-Racist Strategy.



2022 Highlight - Planet

Maintained significant environmental benefits from transit



- In 2022, 1 ton of ST GHG emissions avoids nearly 4 tons of GHG in region
- 59% more emissions avoided compared to 2021
- Offset significantly more GHG than emitted

■ Agency emissions from operations
■ Regional emissions avoided when residents take transit

Regional environmental benefits

Sound Transit services avoid
GHG emissions equivalent to:



Providing electricity for nearly
38,000 homes for a year

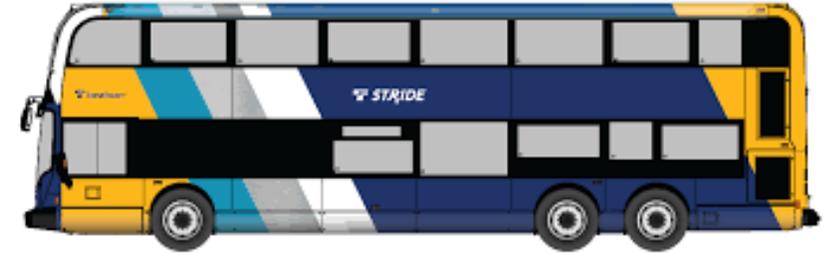


Burning nearly 22 million
gallons of gasoline

2022 Highlight – Planet

Achieving carbon-free operations

- Received \$9.3M grant for battery electric buses for the Stride bus rapid transit program
- Awarded Envision Platinum from the Institute for Sustainable Infrastructure for the Downtown Redmond Link Extension



ENVISION™

2022 Highlight – Prosperity

Efficiency and resource savings

A sample of resource conservation projects at the agency saved nearly \$1M in 2022 and more than \$7.5M over project lifetimes



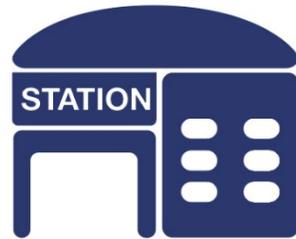
\$652K

Fleet Upgrade
Projects



\$44K

Irrigation
Projects



\$48K

Facilities
Upgrade Projects



\$22K

Solar
Installations



\$217K

LED Lighting
Upgrade Projects

2022 Highlight – Prosperity

Resilience and efficiency

- Ensured revision to agency design requirements incorporated higher efficiency standards and climate resilience considerations.
- Made advancements on several agency Management Systems including:
 - Signed Asset Management Policy
 - Developed ISO 45001 and FTA Safety Management System Implementation Plan



Recognition





2023 and beyond

- Continue planning efforts to decarbonize the agency’s revenue fleet.
- Prioritize reducing the use of materials with high carbon content.
- Prepare for the expansion of publicly accessible electric vehicle charging at Sound Transit parking facilities.
- Create strategies to address greenhouse gas emissions that are difficult to reduce, including refrigerants and facilities’ natural gas use.

Thank you.



 [soundtransit.org](https://www.soundtransit.org)

