

2019 Sustainability Plan Update

1/16/2020

Board Presentations

- ***Annual Progress Report***
 - Operational performance and efficiency
 - Progress on annual sustainability targets and KPIs
- ***Strategic Planning and Policy***
 - Strategic direction and goal setting
 - Progress Sustainability Plan Update short and long-term goals

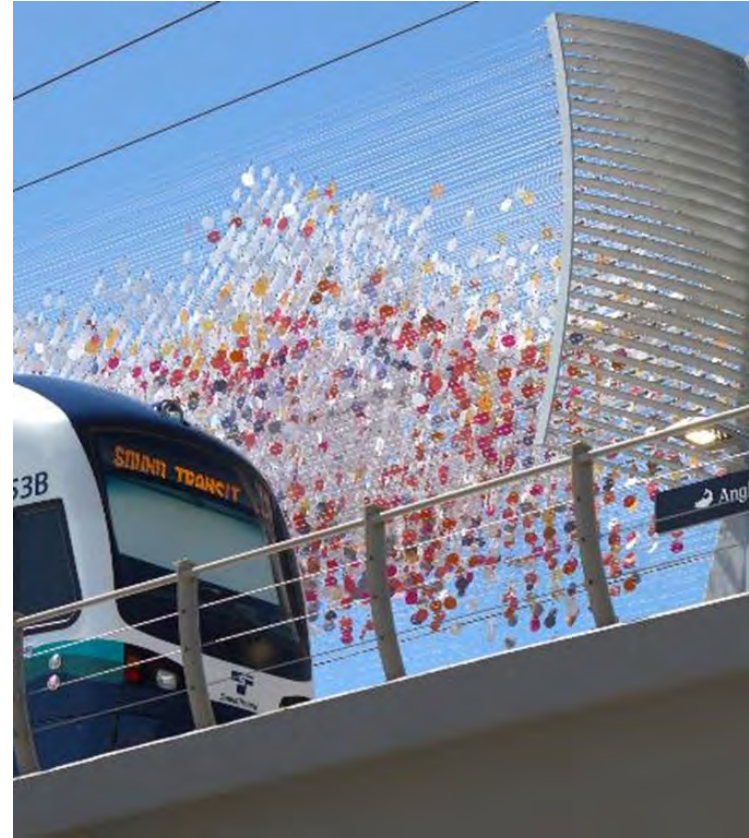
Sustainability & Mission

Agency Mission

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

Sustainability at ST

Improving the quality of life for the region for future generations with regards to people, planet and prosperity



Sustainability Plan – Triple Bottom Line

- Helping **People** move freely, affordably and healthily by providing regional transit service
- Promoting stewardship that conserves the **Planet's** natural environment
- Supporting community **Prosperity** by providing affordable mobility and access to opportunity



Sustainability Timeline

2007

- Sustainability Initiative adopted by the Sound Transit Board
- Executive Order No. 1 issued

2011

- First Sustainability Plan approved

2015

- 2015 Plan Update approved
- Received Platinum recognition for APTA's Sustainability Commitment

2016

- Sound Transit 3 passes, including dedicated sustainability funding

2019

- 2019 Plan Update approved

Sustainability Focus – Long Term Goals

PEOPLE	PLANET	PROSPERITY
Social equity addressed and implemented as an agency value	Achieve carbon free operations - Electricity (facilities & light rail) by 2030 - All fleets by 2050	Build resilience to climate change and natural disasters
All staff champion sustainability	Enhance ecosystem functions	Maximize operational efficiency

2019 Sustainability Plan – Implementation

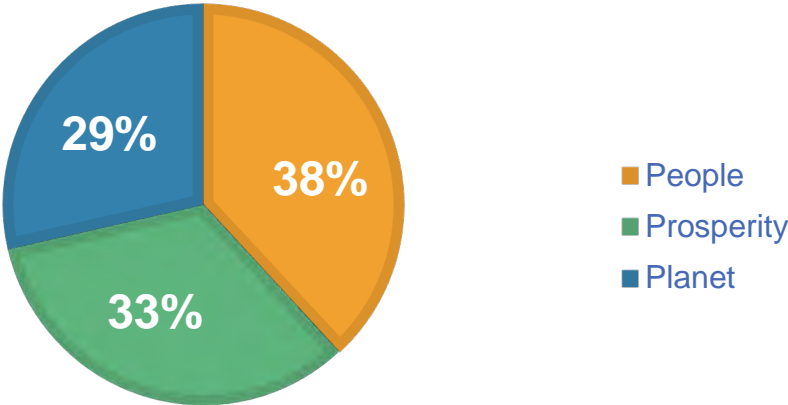


2019 Sustainability Plan – Implementation

2019 Sustainability Targets

- Address 55% of short-term goals
- Completed ~ 80% of targets

PRIORITY AREAS ADDRESSED BY TARGETS

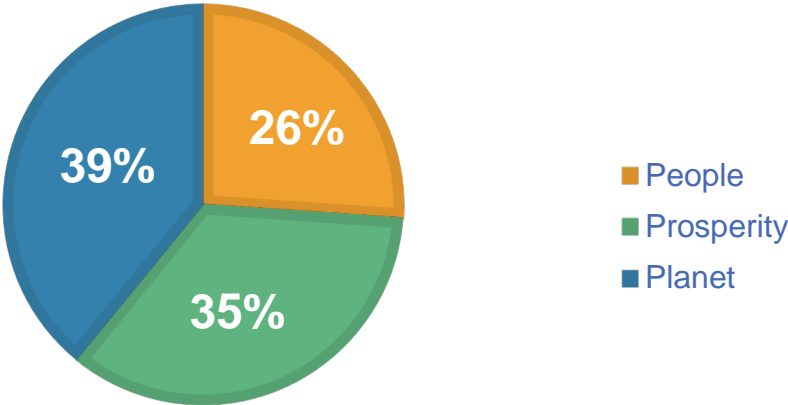


2019 Sustainability Plan – Implementation

2020 Sustainability Targets

- Address additional 40% of short-term goals

PRIORITY AREAS ADDRESSED BY TARGETS



Update – Resilience

- Updating scientific information about climate change projections for Puget Sound
- Conducting climate vulnerability assessment as part of the WBSLE and TDLE projects
- Focus on stormwater management and localized flooding



Update – Clean Energy

- Skookumchuck wind farm will provide renewable energy to PSE Link accounts
- **100% clean energy to Link Light Rail by Q3**
- Joined The Climate Registry
- Signed Phase 2 Green Direct agreement with Puget Sound Energy to power all PSE energy with renewable sources by 2021



2019 Update – Battery Electric Buses

- Feasibility study of battery bus technology for STExpress and Stride
- Launching 10 BEBs as part of 522 BRT project
- Planning Bus Base North designed to accommodate 522 BEBs and “future compatible”



Continual Improvement



Thank you.



 soundtransit.org

