2019 Sustainability Plan Update

1/16/2020
Board Presentations

• **Annual Progress Report**
  • Operational performance and efficiency
  • Progress on annual sustainability targets and KPIs

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• **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

<table>
<thead>
<tr>
<th>PEOPLE</th>
<th>PLANET</th>
<th>PROSPERITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Achieve carbon free operations - Electricity (facilities &amp; light rail) by 2030 - All fleets by 2050</td>
<td>Social equity addressed and implemented as an agency value</td>
<td>Build resilience to climate change and natural disasters</td>
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<tr>
<td>Enhance ecosystem functions</td>
<td>All staff champion sustainability</td>
<td>Maximize operational efficiency</td>
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2019 Sustainability Plan – Implementation

Long-term goals (2050) → Short-term goals (2024) → Annual sustainability (ESMS) targets
2019 Sustainability Plan – Implementation

2019 Sustainability Targets

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

PRIORITy AREAS ADDRESSED BY TARGETS

- People: 29%
- Prosperity: 33%
- Planet: 38%
2019 Sustainability Plan – Implementation

2020 Sustainability Targets
• Address additional 40% of short-term goals

PRIORITY AREAS ADDRESSED BY TARGETS

- People: 39%
- Prosperity: 35%
- Planet: 26%
Update – Resilience

• Updating scientific information about climate change projections for Puget Sound
• Conducting climate vulnerability assessment as part of the WBSLE and TDLE projects
Update – Clean Energy

• Skookumchuck wind farm will provide 100% clean energy to Link Light Rail by Q3
• Joined The Climate Registry
• The nation’s cleanest light rail
• 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 underway

• Planning Bus Base North to be “forward compatible” for battery electric buses
Continual Improvement
Thank you.