



# Sound Transit

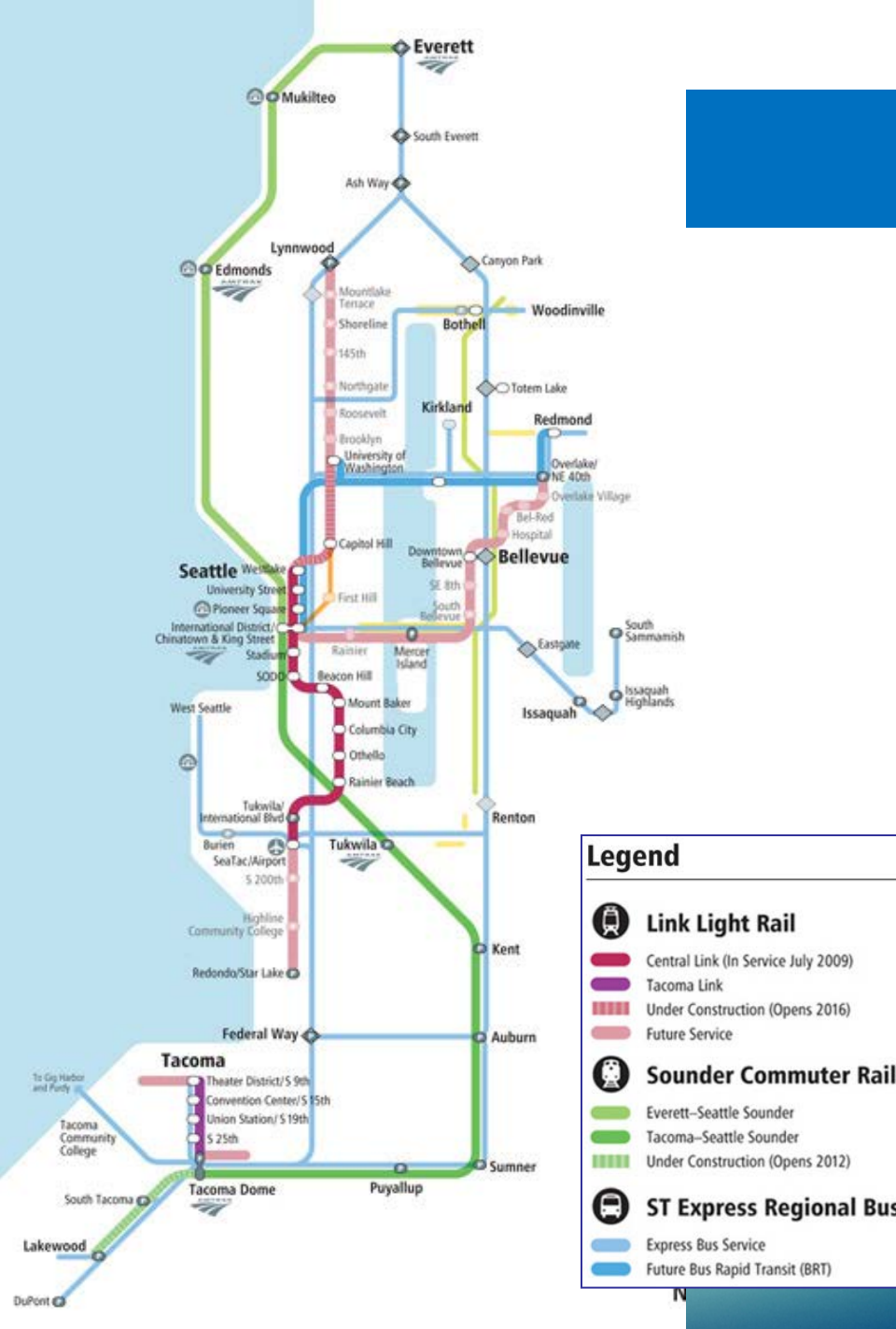
## Climate Risk Reduction Project

FTA Adaptation Workshop – Arlington, VA March 22<sup>nd</sup>

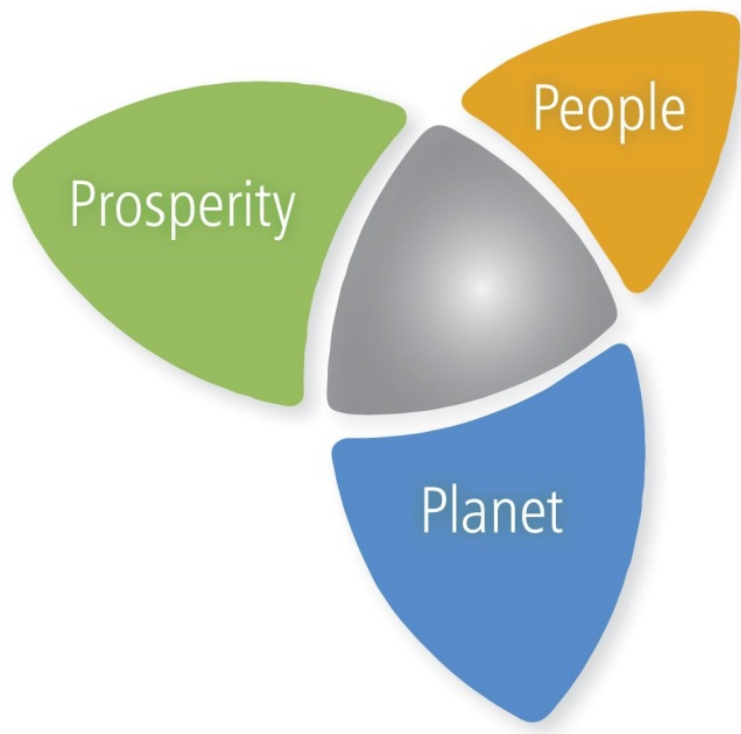
# Sound Transit

Circa - 1996

- ST Express bus
- Sounder commuter rail
- Link light rail
- 54 cities
- 3 Counties

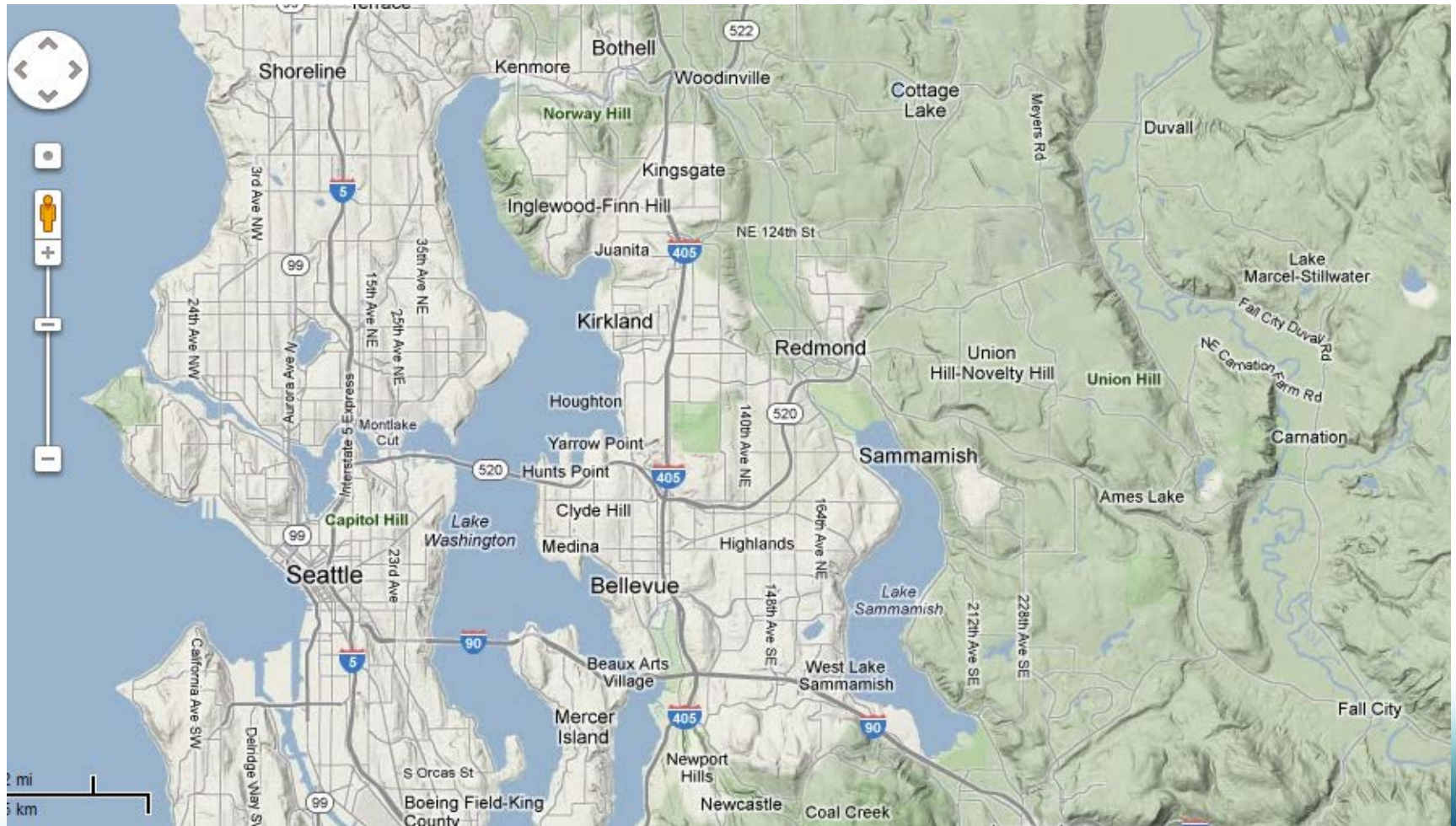


# EMS – Sustainability Timeline



- 2004 – FTA Training & Environmental Policy
- 2007 – Sustainability Initiative;  
EMS > ESMS
- 2007/10 – ISO 14001 Certification
- 2010 – APTA Commitment
- 2011 – Sustainability Plan

# Challenge <> Opportunity



# Challenge <> Opportunity



# Pilot Approach

- Local Resources
- State to local proving ground for FHWA Study
- Initiate agency discussion: risk & adaptation
- Identify “choke point” vulnerabilities
- Maximize service partner collaboration



Climate Science in the  
Public Interest



# Pilot Approach – Process

- Establish Advisory Resource Team (START)
- Collect foundational information:
  - Impacts assessment; staff survey
- Facilitated workshops:
  - Kick off event (all)
  - Risk assessment & prioritization for facilities and modes (modes)
  - Identification and adaptation strategies (all)
  - Integrating adaptation strategies to ST (senior mgrs)
- Report development
- Dissemination



Climate Science in  
the Public Interest

# Primary Outcomes

The project will:

- *Advance the state of the practice* with multi-stakeholder, modal, and departmental risk assessment and adaption planning;
- *Build ST capacity* for climate impacts assessment and adaptation planning; and
- *Develop working partnerships* among the region's transit agencies and climate adaptation experts.

# Additional Outcomes



- Identify system interdependencies
- Integrate strategies into Light rail design
- Establish agency goals and objectives for adaptation planning; long-term risk analysis.
- Test WSDOT Adaptation Methodology
- Strengthen emergency planning
- Strengthen ESMS system

# Thank You

Amy Shatzkin, Sustainability Manager

Sound Transit

Seattle, WA

[amy.shatzkin@soundtransit.org](mailto:amy.shatzkin@soundtransit.org)

ST Sustainability

[www.soundtransit.org/sustainability](http://www.soundtransit.org/sustainability)