Sound Transit Sustainability Initiative

Environmental Policy
  Policy basis

  Board Resolution
    Brings sustainability
    Into organization

  Executive Order
    CEO directs
    implementation

ESMS
  Staff manage and
  report on progress
Environmental & Sustainability Management System (ESMS)

- Set goals
- Do the work
- Check progress
- Seek improvement
- ISO 14001 certification
Setting targets

- Actionable
- Measurable
- Reportable
Example: University Link

First major project with sustainability as guiding principle for design, construction and operation

Comprehensive ‘sustainability analysis’ conducted with design team

Strategies include:

• Salvaging & recycling demolition materials
• Natural lighting & ventilation
• Low-maintenance landscaping
• Early planning of TOD at station sites

3.15-mile extension of initial segment
Example: Operational efficiencies

- Reduce idling in Sounder locomotives
  - Auto-start stop system
  - Wayside power
- Mid-day bus storage
  - Fuel savings ~122,000 gallons/year