

Sound Transit Sustainability Initiative

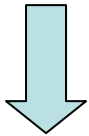


Implementing sustainability management systems
Rail Volution - Oct. 28, 2008

Sound Transit Sustainability Initiative

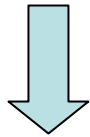
Environmental Policy

Policy basis



Board Resolution

Brings sustainability
Into organization



Executive Order

CEO directs
implementation

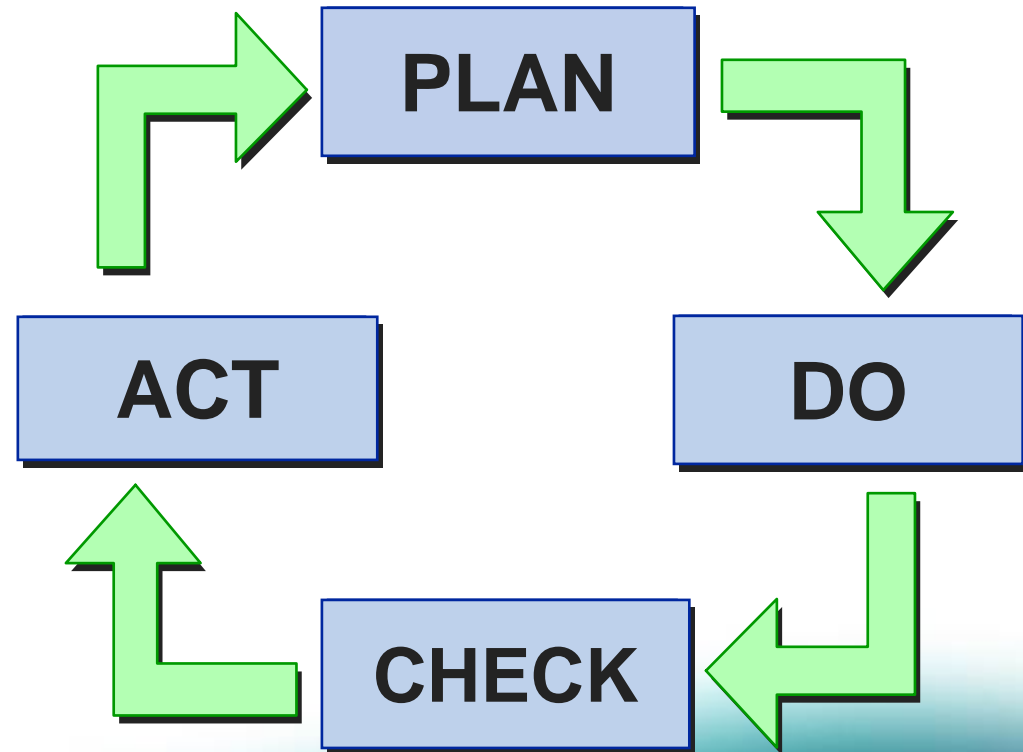


ESMS

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



3.15-mile extension of initial segment

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

Example: Operational efficiencies

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

