



Seattle-Tacoma  
International  
Airport

# Air Pollution Emission Reduction Actions

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# Air Pollution Reduction Actions

- Airport emission reduction programs primarily target combustion of fossil fuels
- Tied to both global greenhouse gas (carbon) and local air pollution
- Specifically:
  - Diesel vehicles and generators
  - Aircraft engines and APUs
  - Roadway traffic

# Ground-Transportation Emission Projects

Electric vehicle activity incentives for Uber/Lyft, plus charging infrastructure



Exploring incentive programs for “green modes” (e.g. get transit ticket bundled with airline ticket)



Electrification of rental car vehicle fleets & Port-owned fleets



# Building-related Emission Projects



- Examining options to decarbonize central plant heating, which include switch to electricity
- New capital projects require exploration of zero carbon backup power options
- Port examining hydrogen and battery energy storage for backup power

# Airfield Emission Reduction Projects



Aircraft APU run-time limits with supporting infrastructure



Airport-wide charging equipment now available; eGSE (electric ground support equipment) airline investments ongoing