

# Air Pollution Emission Reduction Actions

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# **Air Pollution Reduction Actions**

- fossil fuels
- Specifically:
  - Diesel vehicles and generators
  - Aircraft engines and APUs
  - Roadway traffic



Airport emission reduction programs primarily target combustion of

Tied to both global greenhouse gas (carbon) and local air pollution

#### **Ground-Transportation Emission Projects**

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





Electrification of rental car vehicle fleets & Port-owned fleets



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



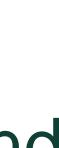
# **Building-related Emission Projects**



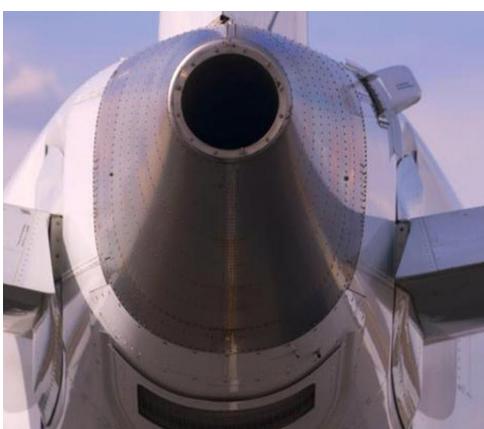


- Examining options to decarbonize central plant heating, which include switch to electricity
- New capital projects require exploration of zero carbon backup power options
- Port examining hydrogen and battery energy storage for backup power





### **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