

# Sustainable Aviation Fuel Pilot Program Authorization

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# Outline

- Background
- Purpose of the Pilot Program
- How the Pilot Program Will Work
- Anticipated Timeline
- Authorization Request



# Port Goal to Reduce Emissions

Port has several goals and strategies to reduce aircraft-related emissions and increase use of sustainable aviation fuel:

- Century Agenda: Reduce GHG and air pollutant emissions 50% by 2030
- 10% SAF at SEA by 2028
- Sustainable Aviation Fuel Strategic Plan

# Purpose of the SAF Pilot Program

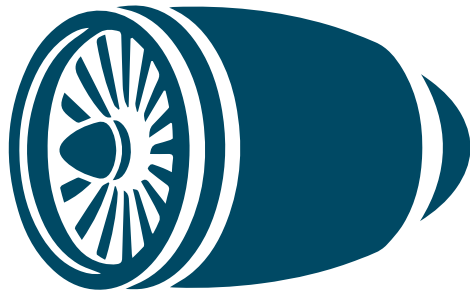
SEA Airport will purchase the *air pollution* emission reduction benefits of sustainable aviation fuel (SAF) from airlines.

Purpose:

- Test an innovative airport program to buy SAF air pollution (aka “non-CO<sub>2</sub>”) attributes
- Understand SAF delivery & supply chain issues
- Make progress on our 10% SAF by 2028 goal and Century Agenda goals

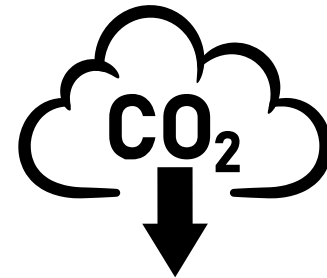


**Energy Attributes of SAF**

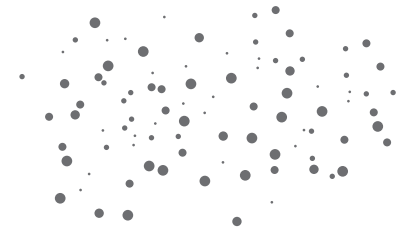


**Propulsion**

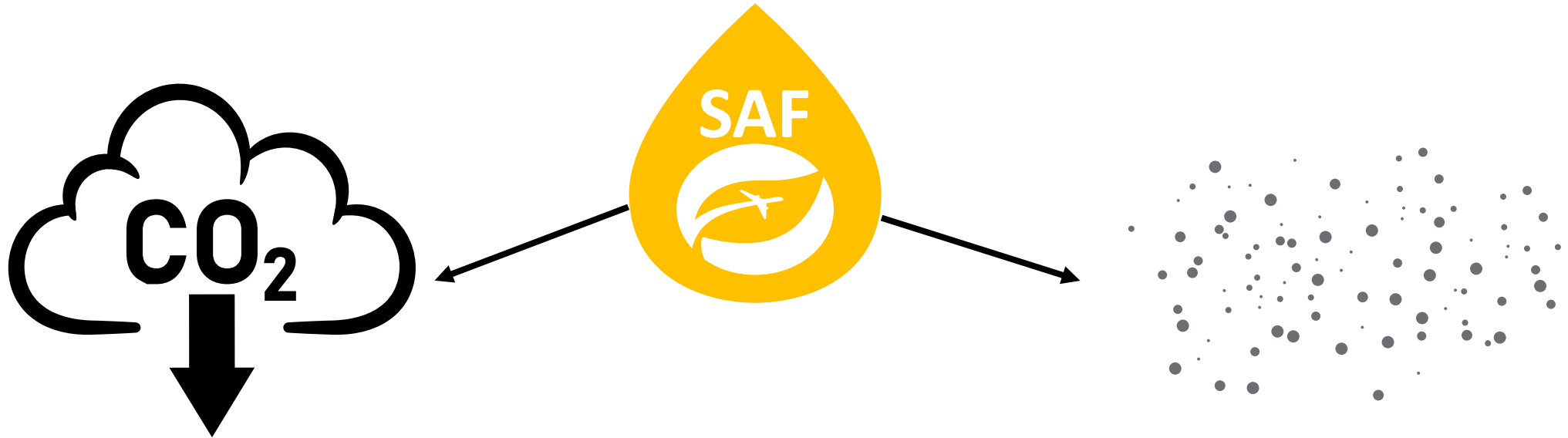
**Environmental Attributes of SAF**



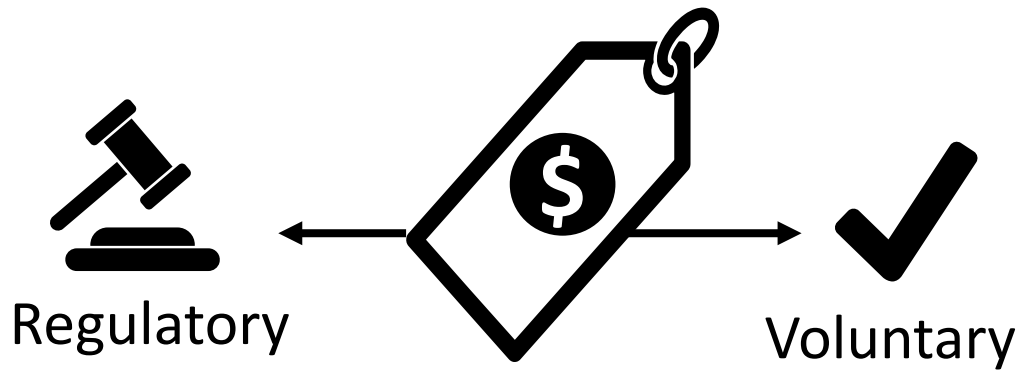
**Lower Lifecycle  
GHG Emissions**



**Fewer Air  
Pollutants**



**Lower Lifecycle GHG Emissions**



**Established Attribute Market**

**Fewer Air Pollutants**



**Launching a Market**

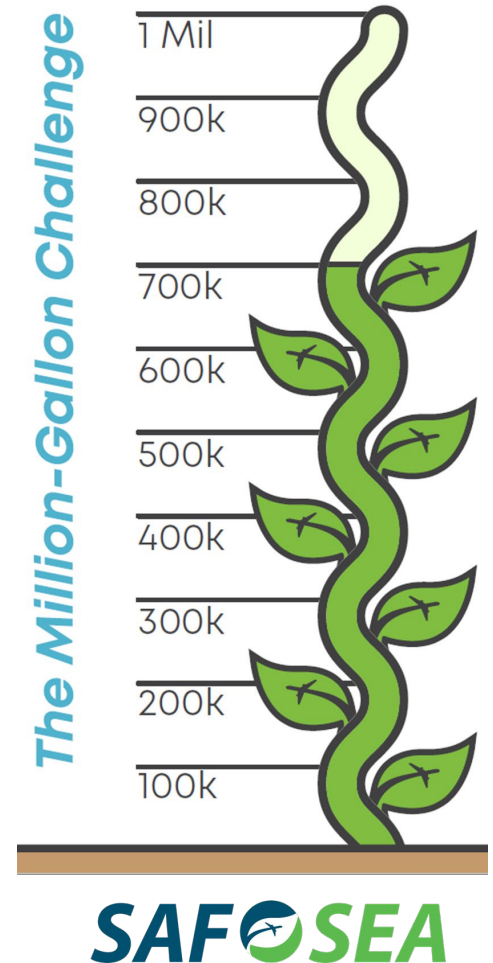
# Benefits of the Pilot Program

- Develop and gain experience in SAF attribute market
- Better understand SAF delivery supply chain
- Compared to jet fuel, SAF combustion reduces Scope 3 emissions and creates:
  - ❖ 80% less ultrafine particulate
  - ❖ 90% less sulfur



# How the Program Will Work

- \$1 million total available
- Port will pay the equivalent of \$1 per gallon of “neat” or pure SAF used at SEA
- Airlines will submit evidence of total SAF delivered in 2023 to receive single payment from Port for air pollution reduction attributes





# Anticipated Timeline

## 2023

- June – Release contract & specific program details to airlines
- July – Airlines begin signing agreements with Port
- SAF deliveries until Dec 31

## 2024

- Jan/Feb - One-time payments to airlines



# Authorization Request

Authorization for the Executive Director to execute contracts with eligible airlines for air pollution emission reductions of qualifying sustainable aviation fuel (SAF) fueled and used at Seattle-Tacoma International Airport as part of a pilot project not to exceed a total cost of \$1,000,000.