



DEVELOPING A REGIONAL **CLEAN FUEL STANDARD**

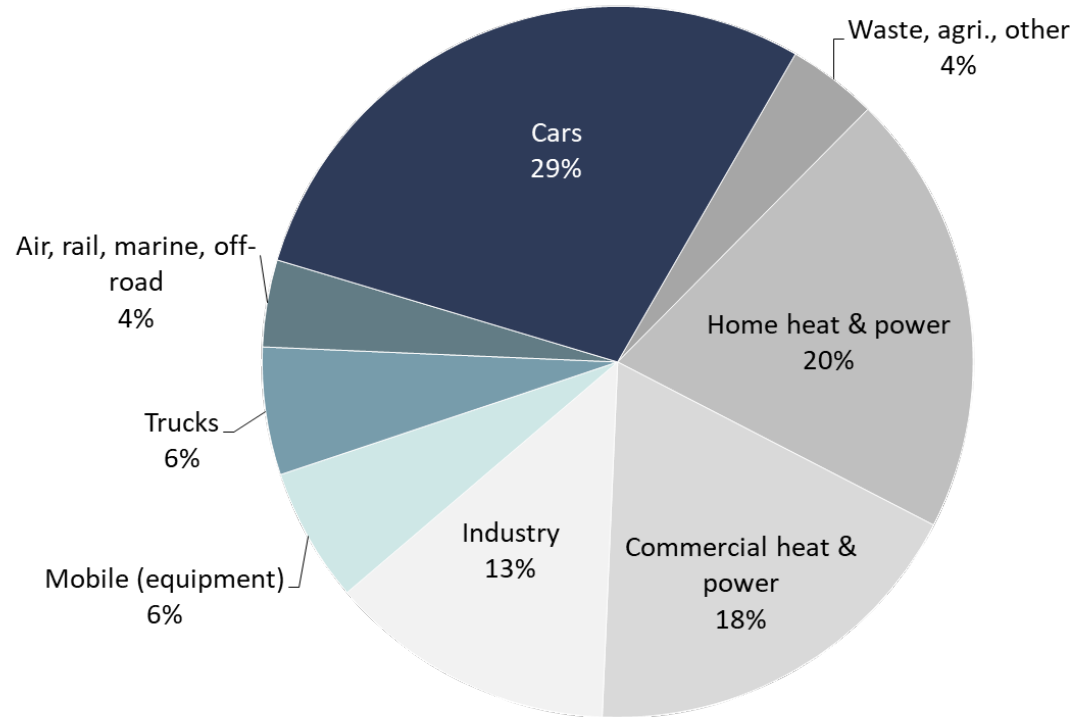
Kitsap County
Board of Health
July 2, 2019

CLEAN FUEL STANDARD

POLLUTION SOURCES

Transportation is the primary source of greenhouse gas (GHG) emissions in the Puget Sound region.

2015 GHG EMISSIONS



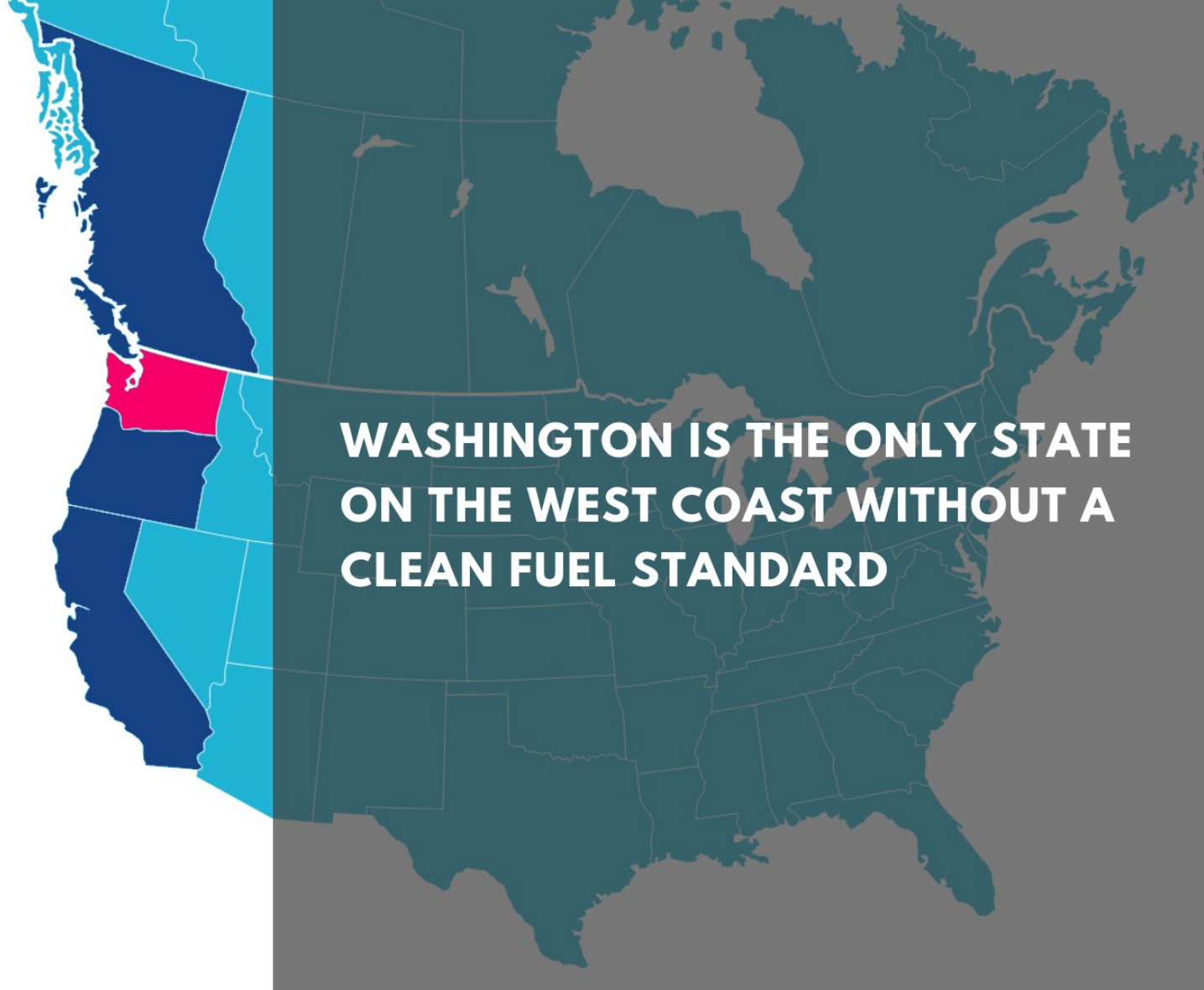
CLEAN FUEL STANDARD



WHAT IS A CLEAN FUEL STANDARD?

- A progressively stronger standard for greenhouse gas (GHG) emissions from **transportation** fuels
- Typically applies to fuel importers and producers

CLEAN FUEL STANDARD



CLEAN FUEL STANDARD

HOW A CLEAN FUEL STANDARD WORKS

1. Establishes a greenhouse gas (GHG) reduction target
 - Target is for all transportation fuel in the region
 - Target for GHG reduction increases every year
2. Low carbon fuels are incentivized by the market
 - High carbon fuels generate deficits
 - Low carbon fuels generate credits

TODAY'S CLEANER FUELS

- **Biodiesel & renewable diesel**
 - Vegetable oils, waste oils
- **Electricity**
 - No tailpipe pollution
 - Inexpensive: 2-3¢ per mile
 - Cleaner in WA than the U.S.
- **Ethanol** made from corn, sugar
- **Renewable natural gas**
 - Landfills, wastewater
 - Can replace diesel



CLEAN FUEL STANDARD



PUBLIC HEALTH + EQUITY

- Health risk is highest in near-road communities
- Near-road communities benefit the most from reducing transportation pollution
 - Low-income communities and people of color live closest to major roadways
- Diesel is the largest potential cancer risk from air toxics in our region

CLEAN FUEL STANDARD

SUMMARY

A Clean Fuel Standard:

- Serves our region's climate change goals
- Provides certainty for pollution reduction
- Monetizes and incentivizes improvement
- Uses market to find best fuels and pathways – and to keep improving them
- Improves air quality and public health
 - Especially for those most impacted

NEXT STEPS

- Technical analysis underway:
 - Potential for fuels and feedstocks
 - Economic and air quality impacts
- Rule-making process started in February:
 - Public comment late summer/ early fall 2019
 - Public hearing in October, Board action in December

QUESTIONS?

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