

# CLEAN FUELS FOR WASHINGTON

## *It's Time*

### Cleaner air and a healthier climate

Transportation fuels are responsible for nearly half of our global warming pollution in Washington. Diesel and gasoline are also the largest sources of air pollution, which health professionals link directly to asthma, lung cancer, and other respiratory diseases. Worse, lower income communities and communities of color who are often closer to major transportation corridors are even more impacted. For example, diesel particulate pollution contributes to a reduction in life expectancy by thirteen years for those living in the Duwamish Valley compared to other parts of King County.

Yet we have very little choice but to buy gasoline and diesel since the oil companies have a monopoly on our fuel options. Washingtonians deserve choices for cleaner fuels that improve public health, reduce climate pollution, and support local economic development in rural communities.

### There is a better path: A Clean Fuel Standard

A Clean Fuel Standard requires oil refiners and importers to reduce the carbon intensity of fuels gradually over time, supporting expanded transportation electrification, and creating more homegrown jobs in the production of clean, low-carbon fuels.

Leading public health organizations like the American Lung Association and Puget Sound Clean Air Agency view a Clean Fuel Standard as one of the most important ways to improve public health and transition our transportation to cleaner sources.



### Three Core Features to a Clean Fuel Standard

#### *Technology Neutral*

Ensuring the cleanest and most cost-effective ways to achieve emission reductions are prioritized.

#### *Flexible*

Covered entities have multiple ways to comply; they can make on-site investments to reduce process emissions, blend clean biofuels into their product, or support clean fuel producers.

#### *Effective and Affordable*

Oregon's Clean Fuels Program replaced the use of nearly one million gallons of fossil fuels while raising the cost of gasoline by less than a quarter of a penny.

## A Tested Solution

Clean Fuel Standards have been effective in many jurisdictions across the world, including the United Kingdom and the E.U. Once we enact this policy, Washington will join our West Coast neighbors in California, Oregon, and B.C. to create a larger and aligned market for clean fuels.

In California alone, the program has prevented 33 million tons of carbon going into the air and cut the use of 9.9 billion gallons of petroleum, while investing \$2 billion of investment in clean fuels productions<sup>1</sup> and \$92 million in transportation electrification in 2016 alone – all of this with little to no impact on fuel prices.

## Clean Fuels Jobs Support Rural Economic Development

A greater reliance on clean fuels in Washington will support rural economic development by relying on our local clean fuel resources, such as dairy waste, forest residue, food waste, and wastewater treatment facilities. Washington already supports over 1,700 jobs in the clean fuels industry. By implementing a Clean Fuel Standard, our state can become even more competitive.

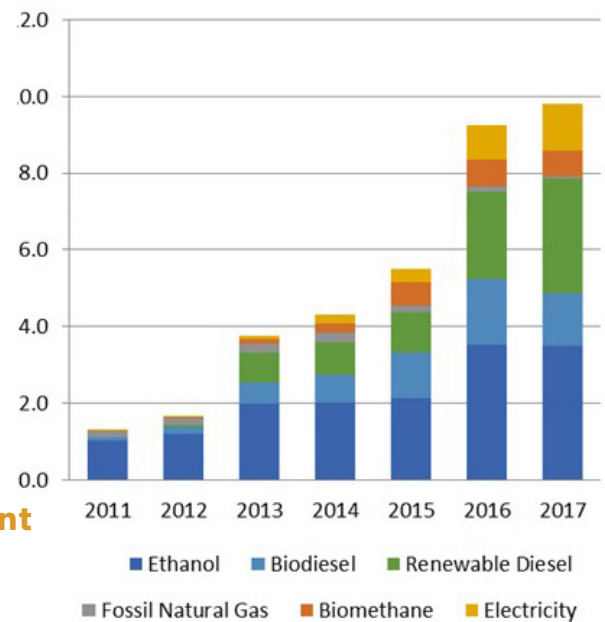


## Clean Fuels Will Provide Washingtonians More Choices

Washington consumers and businesses spend approximately \$9 billion every year on gasoline and diesel. By transitioning to clean fuels, we can keep this money in state and end our reliance on oil to power our vehicles and transportation systems. Fueling up with electricity costs consumers about a third as much as gasoline, and there are over 2,000 people working in the electric vehicle industry already in Washington.

## Clean Fuels Protect Public Health

Cleaning up pollution will protect public health and save us on healthcare costs. A recent study found that California's Clean Fuel Standard could save \$8.3 billion in avoided public health costs by 2025 because of fewer asthma attacks and hospitalizations, lower rates of lung cancer and heart attacks, and thousands of fewer lost workdays.<sup>2</sup> A similar policy in Washington could lead to the same public health benefits by cleaning up our air and water.



## Types of investments in Washington

**Electric cars, trucks, and buses:** By creating value for low carbon electricity, this allows utilities, fleet operators, and charging providers to reduce costs for electric vehicles and chargers

**Low-carbon biofuels:** Like those produced in Washington in Grays Harbor and a forthcoming project in Ferndale, a Clean Fuel Standard supports the creation of biofuels from food, agricultural, and forest waste.

**Higher efficiency refining operations:** The program credits refineries for cleaning up their operations – improving local air quality and cutting carbon pollution.



*More communities would see many more electric buses like this one on the road in the City of Everett*

<sup>1</sup> <http://www.cadelivers.org/low-carbon-fuel-standard/>

<sup>2</sup> [https://www.edf.org/sites/default/files/content/edf\\_driving\\_california\\_forward.pdf](https://www.edf.org/sites/default/files/content/edf_driving_california_forward.pdf)