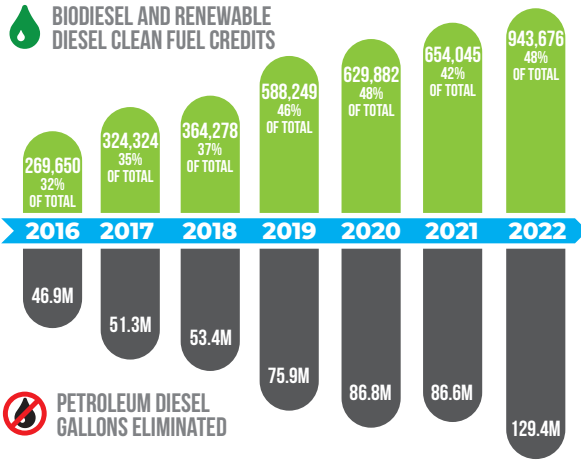




OREGON'S CARBON SOLUTION

Environmental Solutions



In 2016, biodiesel and renewable diesel generated one-third of Oregon Clean Fuels Program (CFP) credits. **In 2022, biodiesel and renewable diesel generated nearly half of all CFP credits.**

Reaching the **CFP 2025 goal of 25% carbon reductions** would achieve each year:

- 12 fewer deaths associated with particulate matter emissions
- \$100 million in avoided health care costs

Oregon projects that biodiesel and renewable diesel use will increase:

Year	BD (Million Gallons)	RD (Million Gallons)
2023	89M	78M
2024	90M	146M
2025	92M	210M

Oregon's CARBON GOALS

45% GHG reduction *by 2035*
80% GHG reduction *by 2050*

Oregon's Clean Fuels Program requires **GHG reductions of 20% by 2030 and 25% by 2035**. Transportation was the largest source of GHG emissions in 2016, producing **25 million metric tons of CO₂** and **39% of Oregon's total emissions**.



Between 2016 and 2021 the CFP:

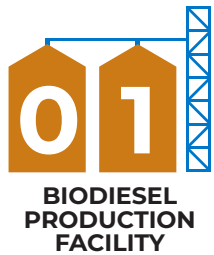
Reduced lifecycle GHG emissions by 6.8 million tons. In 2022, the program reduced GHG emissions by 1.9 million metric tons.

Supported the displacement of about 1.5 billion gallons of fossil fuels

Lowered the carbon intensity of biodiesel and ethanol by about 20%

Lowered the price of biodiesel and renewable diesel for consumers between \$0.61 and \$1.16 per gallon.

Economic Opportunities



BIODIESEL PRODUCTION FACILITY

- 12M** gallons of production capacity
- 132** full time jobs earning \$6.5 million in wages
- \$55M** in economic activity



Oregon's Renewable Fuel Standard requires **every gallon of diesel fuel sold in state contain at least 5% biodiesel**.

In 2016, Oregon's diesel fuel contained on average **6.7% biodiesel and renewable diesel**. By 2021, the average blend **increased to 10.3%, which equals 86.5 million gallons of clean fuel**.

In 2022, **biodiesel and renewable diesel use grew 49% compared to 2020 and 2021**. The blend rate for clean fuels **rose to 14.3%**.

ABOUT BIODIESEL AND RENEWABLE DIESEL

- Made from plant-based oils, used cooking oils, and animal fats
- Clean-burning
- Can be used in any diesel engine or heating equipment
- Commercially available nationwide
- Today's solution for heavy-duty trucking, emergency vehicles, bus fleets, and home or industrial heating