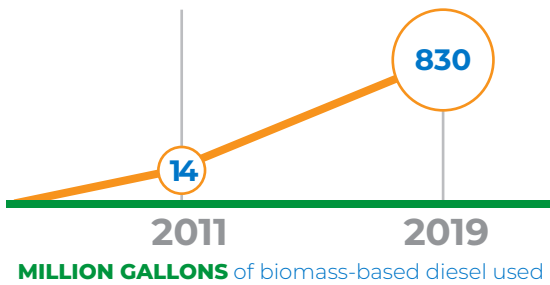


BIODIESEL: CALIFORNIA'S CARBON SOLUTION

Environmental Solutions



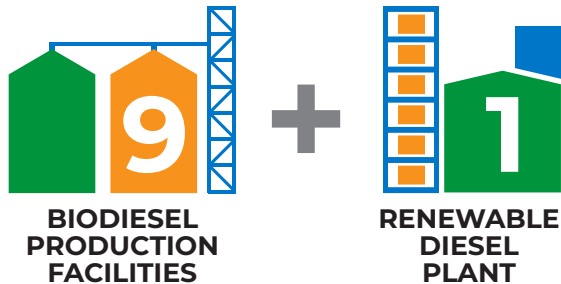
- In 2018 and 2019, biodiesel and renewable diesel generated 45% of LCFS credits. Since 2011, biodiesel and renewable diesel have generated **more LCFS credits than any other transportation fuel** (41%).
- Nearly **95% of LCFS biodiesel/renewable diesel credits** are generated by tallow, used cooking oil and inedible corn oil.
- Reduced CO₂ emissions by **6.6 million metric tons in 2019 - equal to 2% of transportation emissions**. Reduced CO₂ emissions by **25 million metric tons since 2011 - 41% of total reductions**.
- Equivalent to removing **more than 1.4 million vehicles in 2019**.



California's CARBON CHALLENGES

- #2** Highest transportation sector carbon emissions in US
- 20%** Goal for transportation emission reductions by 2030
- #2** Most registered diesel passenger vehicles and pick-up trucks

Economic Solutions



- 138M** gallons of production capacity
- 4,400** full time jobs
- \$138M** in annual wages
- \$1.1B** in economic activity
- \$18M** for California's beef and dairy producers
- #1** largest biomass-based diesel market in the country
- 22%** Biomass-based diesel's share of California's diesel fuel

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 without modification
- Commercially available nationwide
- Today's solution for heavy-duty trucking, emergency vehicles, bus fleets, and farm equipment

Sources: Diesel Technology Forum; National Biodiesel Board; U.S. Energy Information Administration, "Energy-Related Carbon Dioxide Emissions by State, 2000-2015" and Form EIA-22M, "Monthly Biodiesel Production Survey"; California Air Resources Board. LMC International