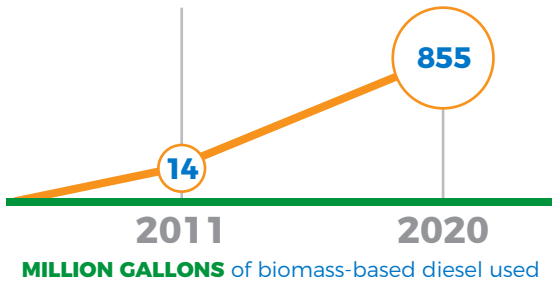


BIODIESEL: CALIFORNIA'S CARBON SOLUTION

Environmental Solutions



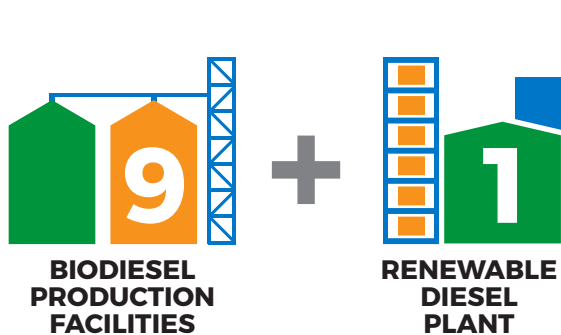
- In 2020, biodiesel and renewable diesel generated 44% of LCFS credits. Since 2011, biodiesel and renewable diesel have generated **more LCFS credits than any other transportation fuel** (42%).
- Nearly **95% of LCFS biodiesel/renewable diesel credits** are generated by tallow, used cooking oil and inedible corn oil.
- Reduced CO₂ emissions by **6.8 million metric tons in 2020 - equal to 3%** of transportation emissions. Reduced CO₂ emissions by **32.3 million metric tons since 2011 - 42% of total reductions**.
- Equivalent to removing **more than 1.5 million vehicles in 2020**.



California's CARBON CHALLENGES

- #2** Highest transportation sector carbon emissions in US
- 20%** Goal for transportation emission reductions by 2030 (compared to 2005)
- 7.4%** Reduction in transportation carbon intensity achieved in 2020 (compared to 2005)

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
- 23.6%** Biomass-based diesel's share of California's diesel fuel market in 2020

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: National Biodiesel Board; U.S. Energy Information Administration, "Energy-Related Carbon Dioxide Emissions by State, 2000-2015"; California Air Resources Board. LMC International

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