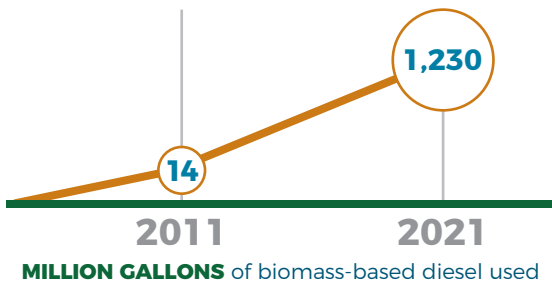




# BIOMASS-BASED DIESEL: CALIFORNIA'S CARBON SOLUTION

## Environmental Solutions



- In 2021, 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%).
- More than **73% of LCFS biodiesel/renewable diesel credits** have been generated by tallow, used cooking oil and inedible corn oil.
- Reduced CO<sub>2</sub> emissions by **8.8 million metric tons in 2021**.  
Reduced CO<sub>2</sub> emissions by **41.2 million metric tons since 2011** - **42% of total reductions**.
- Equivalent to removing **approximately 2 million vehicles in 2021**.



## California's LEADERSHIP

## Economic Solutions



- Average carbon intensity reduction in 2021 for:**  
Biodiesel = 72%  
Renewable Diesel = 62%  
Biomass-Based Diesel = 67%
- 129M** gallons of production capacity
- 4,100** full time jobs
- \$1B** in economic activity
- #1** largest biomass-based diesel market in the country

- 33.3%** Biomass-based diesel's share of California's diesel fuel market in 2021
- 20%** Goal for transportation emission reductions by 2030 (compared to 2005)
- 9.36%** Reduction in transportation carbon intensity achieved in 2021 (compared to 2005)

## ABOUT BIODIESEL AND RENEWABLE DIESEL

Sources: California Air Resources Board; LMC International, "Economic Impact of the U.S. Biodiesel Industry," 2019.

- 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

cleanfuels.org  
biodiesel.org  
mybioheat.com

**DC** 1331 Pennsylvania Ave., NW  
Suite 505  
Washington, DC 20004  
**888-246-3437**

**MO** 605 Clark Avenue  
PO Box 104898  
Jefferson City, MO 65110  
**800-841-5849**

**MA** 36 Jonspin Road  
Suite 235  
Wilmington, MA 01887  
**781-361-0156**

**CA** 1415 L Street  
Suite 460  
Sacramento, CA 95814  
**916-760-8870**