

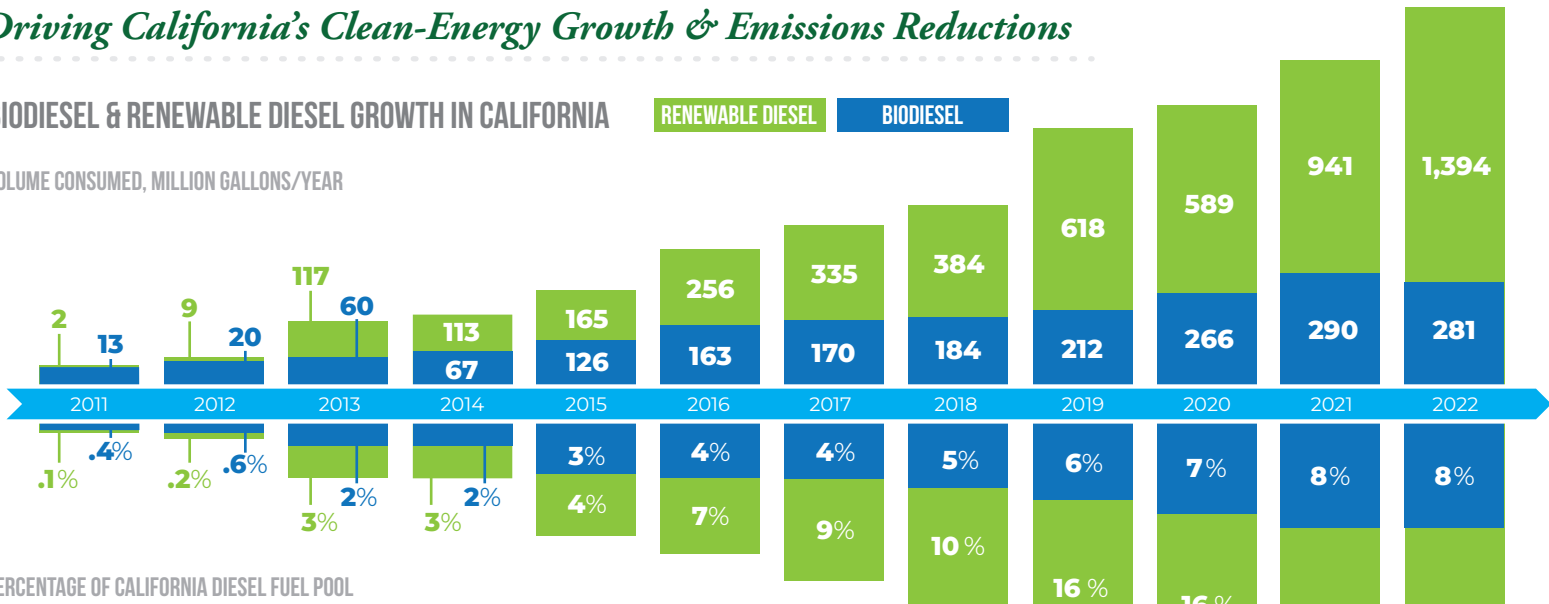


## BIOMASS-BASED DIESEL (BMBD) IN THE LOW-CARBON FUEL STANDARD (LCFS)

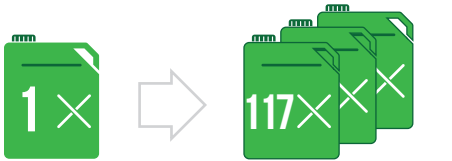
Driving California's Clean-Energy Growth & Emissions Reductions

### BIODIESEL & RENEWABLE DIESEL GROWTH IN CALIFORNIA

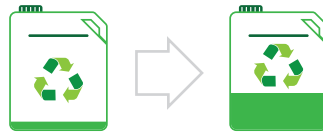
VOLUME CONSUMED, MILLION GALLONS/YEAR



PERCENTAGE OF CALIFORNIA DIESEL FUEL POOL



California's total biodiesel and renewable diesel volume grew to **1.675 billion gallons** in 2022. Renewable jet fuel volumes reached 11.6 million gallons in 2022.



Biodiesel and renewable diesel have grown from less than 1% in 2011 to comprise **45% of California's total diesel supply** in 2022.

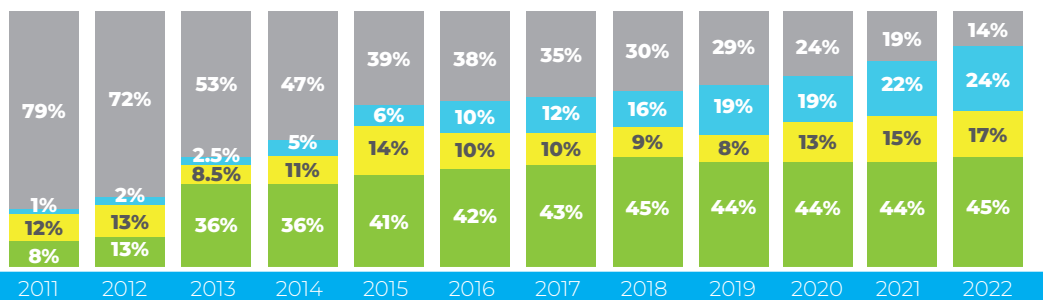


In total, biomass-based diesel has **displaced nearly 6.8 billion gallons of petroleum diesel** since the LCFS began in 2011.

## BMBD HAS GENERATED MORE LCFS CREDITS THAN ANY OTHER FUEL

### BIOMASS-BASED DIESEL'S GROWTH IN LCFS CREDITS

% BMBD    % ALL OTHERS    % EV    % ETHANOL



Since 2011, California BMBD use has reduced the state's greenhouse gas emissions by **105 billion pounds**. That's equal to:



**11.7 million** cars off the road for a year - 134.4 billion miles avoided.



**6.6 million** homes' annual energy use - 10.2 million homes' annual electricity use.



**14** coal-fired power plants



**867 million** tree seedlings grown for 10 years



**62.5 million** acres of U.S. forest per year

Sources: California Air Resources Board, U.S. Environmental Protection Agency.