

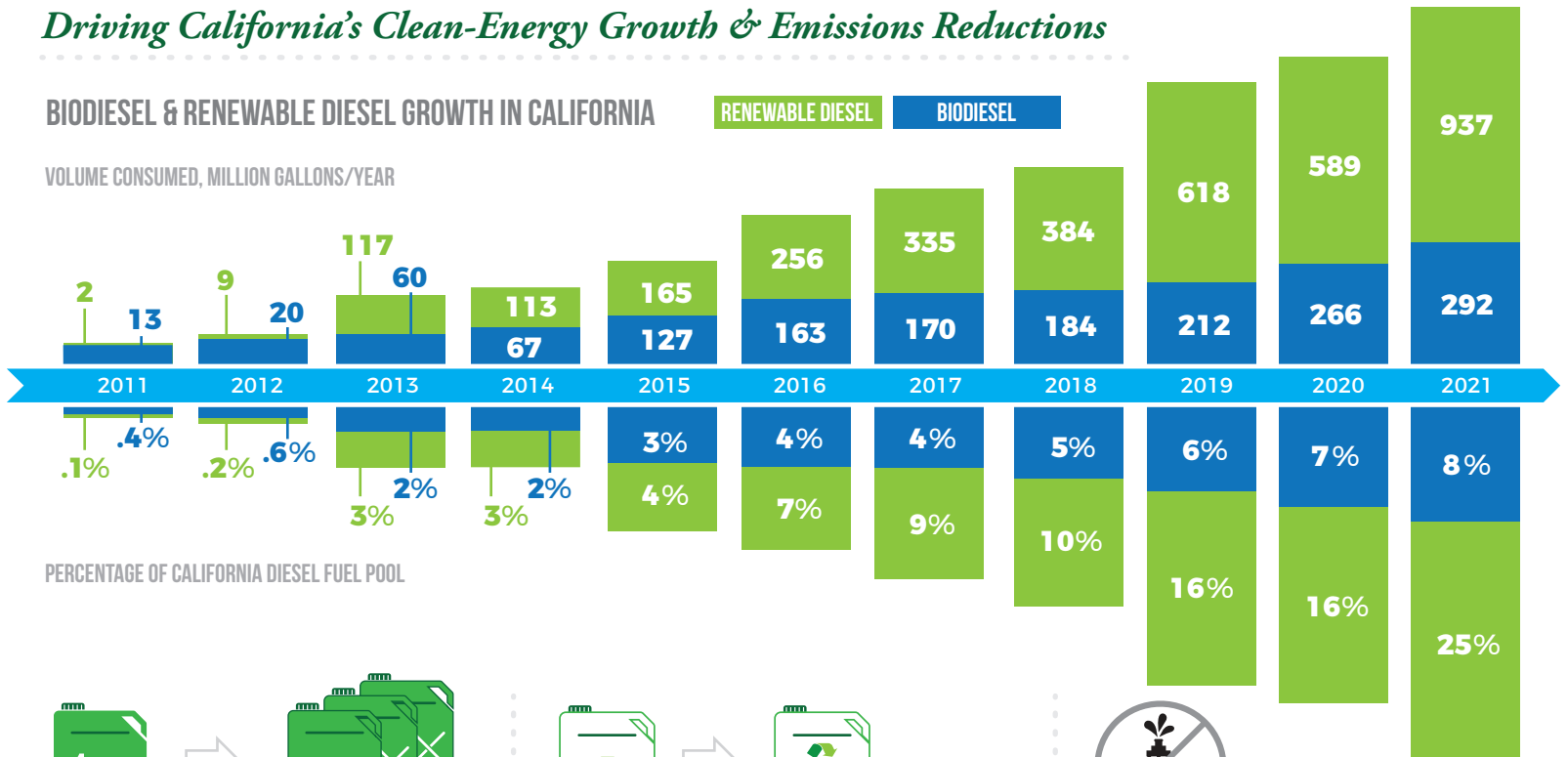


## BIOMASS-BASED DIESEL (BMBD) IN THE LOW-CARBON FUEL STANDARD (LCFS)

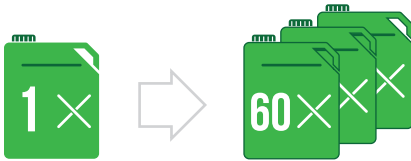
Driving California's Clean-Energy Growth & Emissions Reductions

### 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 **1.23 billion gallons** in 2021. That's an 82-fold increase since 2011!



Biodiesel and renewable diesel have grown from less than 1% to the point where they comprised **one-third (33.3%)** of California's total diesel supply in 2021.

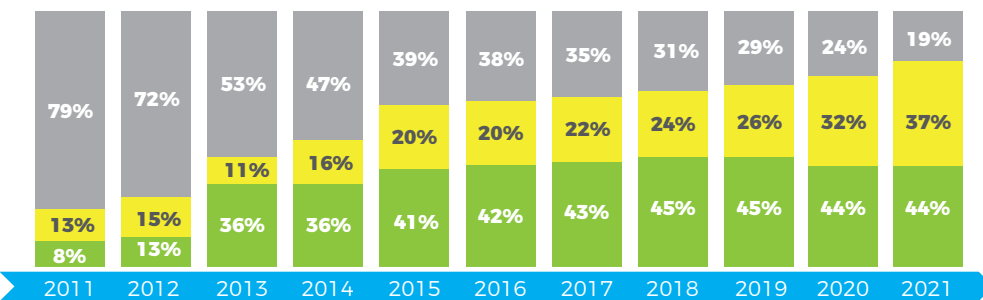


In total, biomass-based diesel has **displaced nearly 5.1 billion gallons of petroleum diesel** since the LCFS began in 2011.

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

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

% BMBD    % ALL OTHERS    % ETHANOL



Since 2011, California BMBD use has reduced the state's greenhouse gas emissions by **81.1 billion pounds**. That's equal to:



**9 million** cars off the road per year



**5.2 million** homes' annual energy use



**11** coal-fired power plants



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



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

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