



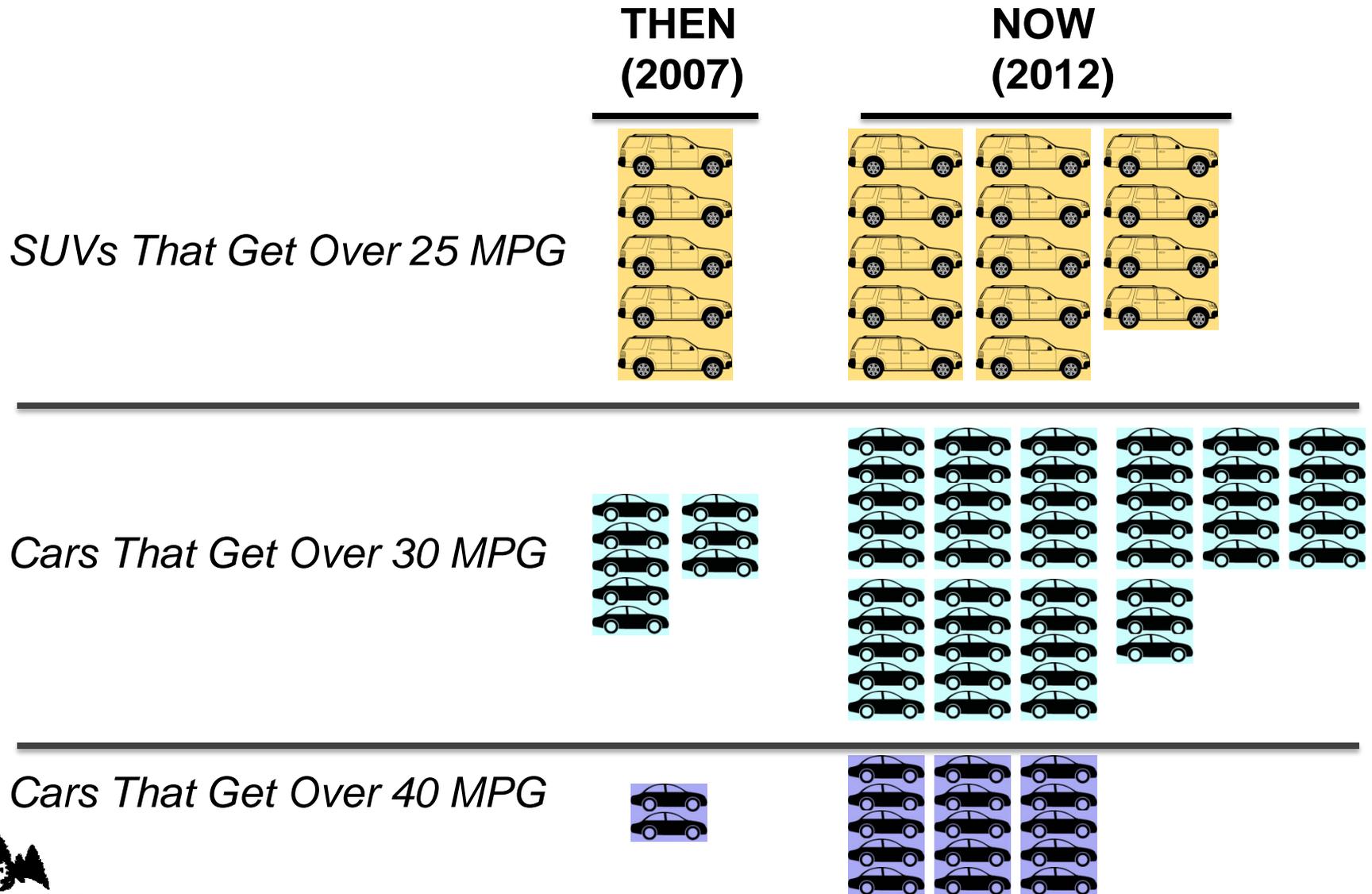
# Fueling Growth: California's Clean Energy Law (AB32)

Senate Transportation and Housing Committee  
March 19, 2013



Dr. Simon Mui  
Director, California Vehicles and Fuels  
Natural Resources Defense Council

# AB32: Providing More Fuel Efficient Choices for Consumers

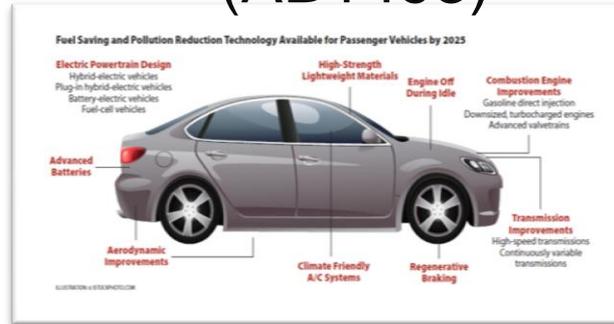


# AB32: Delivering Fuel Savings at the Pump

More Fuel Choices  
Beyond Oil  
(LCFS)



Cleaner Cars and Trucks  
(AB1493)



Sustainable  
Communities  
(SB375)

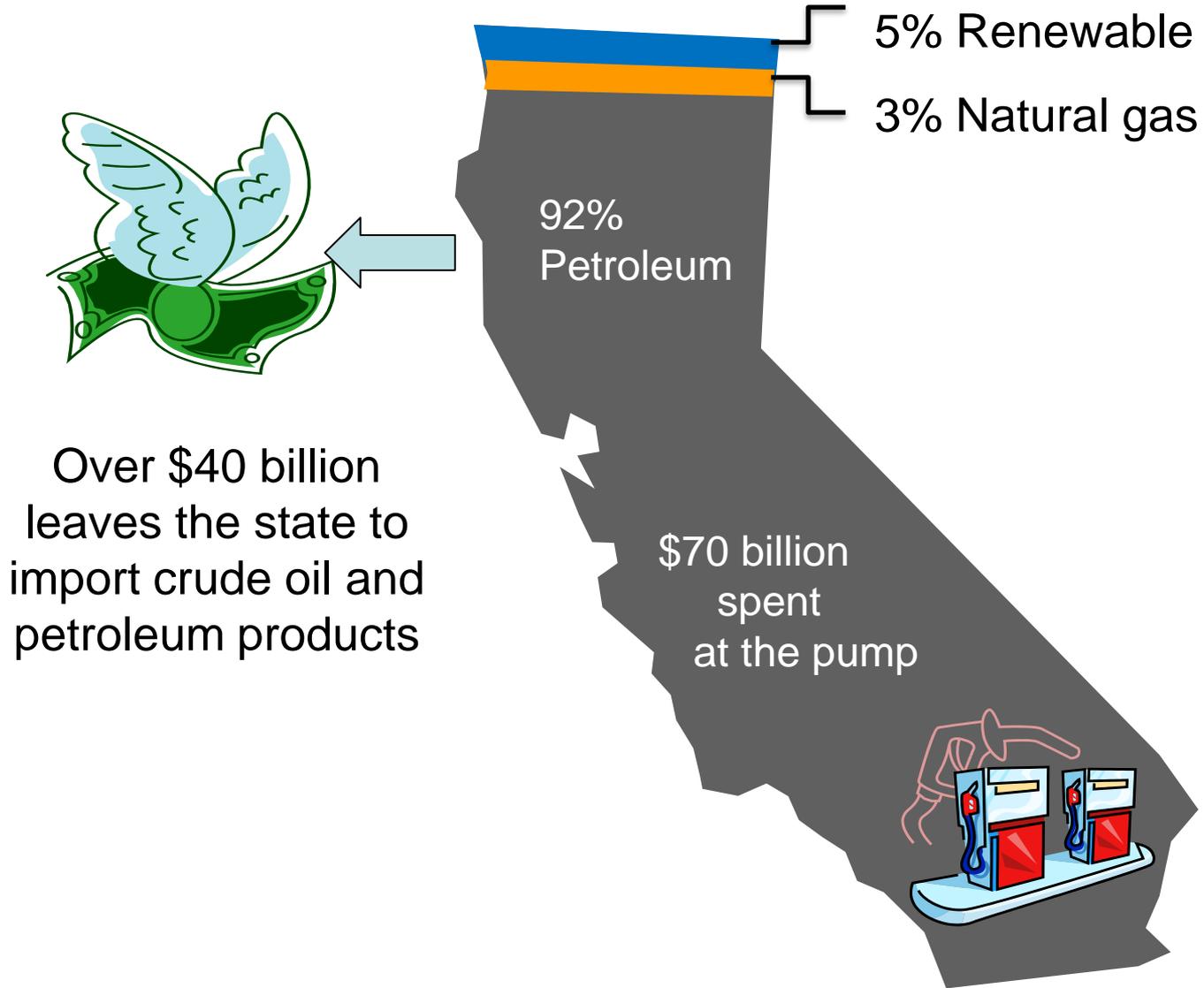


**\$50 Billion in Net Savings  
Over Ten Years**

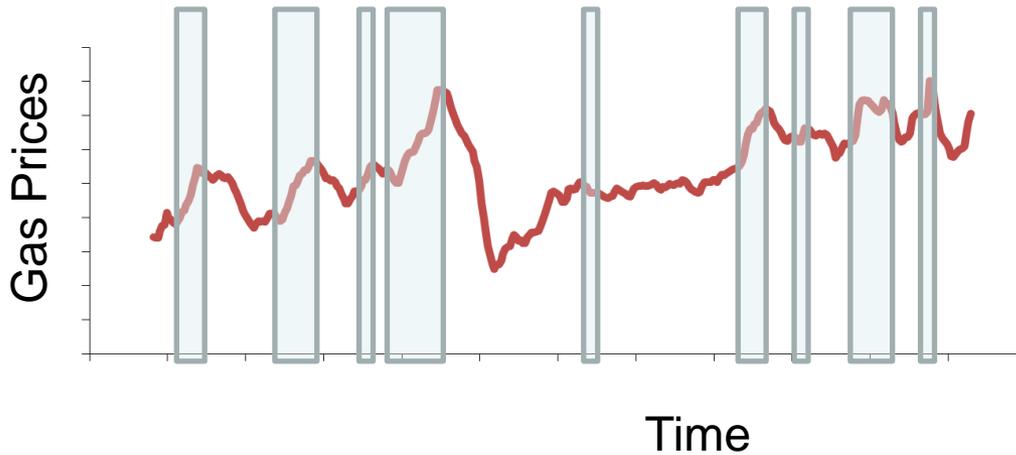


**Translates to roughly \$1000  
per household saved in  
2022**

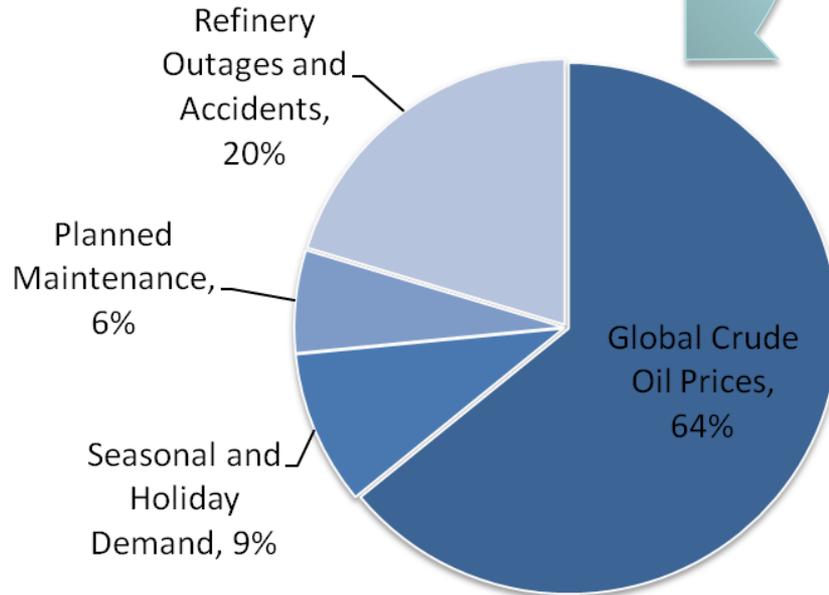
# The Low Carbon Fuels Standard Is Diversifying Our Transportation Energy Sources



# LCFS: Growing Alternative Fuel Supplies Will Help Reduce Our Vulnerability to Gas Price Shocks



Causes of price spikes



# Companies are Investing Reduce Emissions and Fuel Growth in the Sector

Propel Fuels  
Redwood City, CA



Crimson Renewables  
Bakersfield, CA



BrightSource Energy  
Coalinga, CA



Clean Energy  
California Yellow Cab



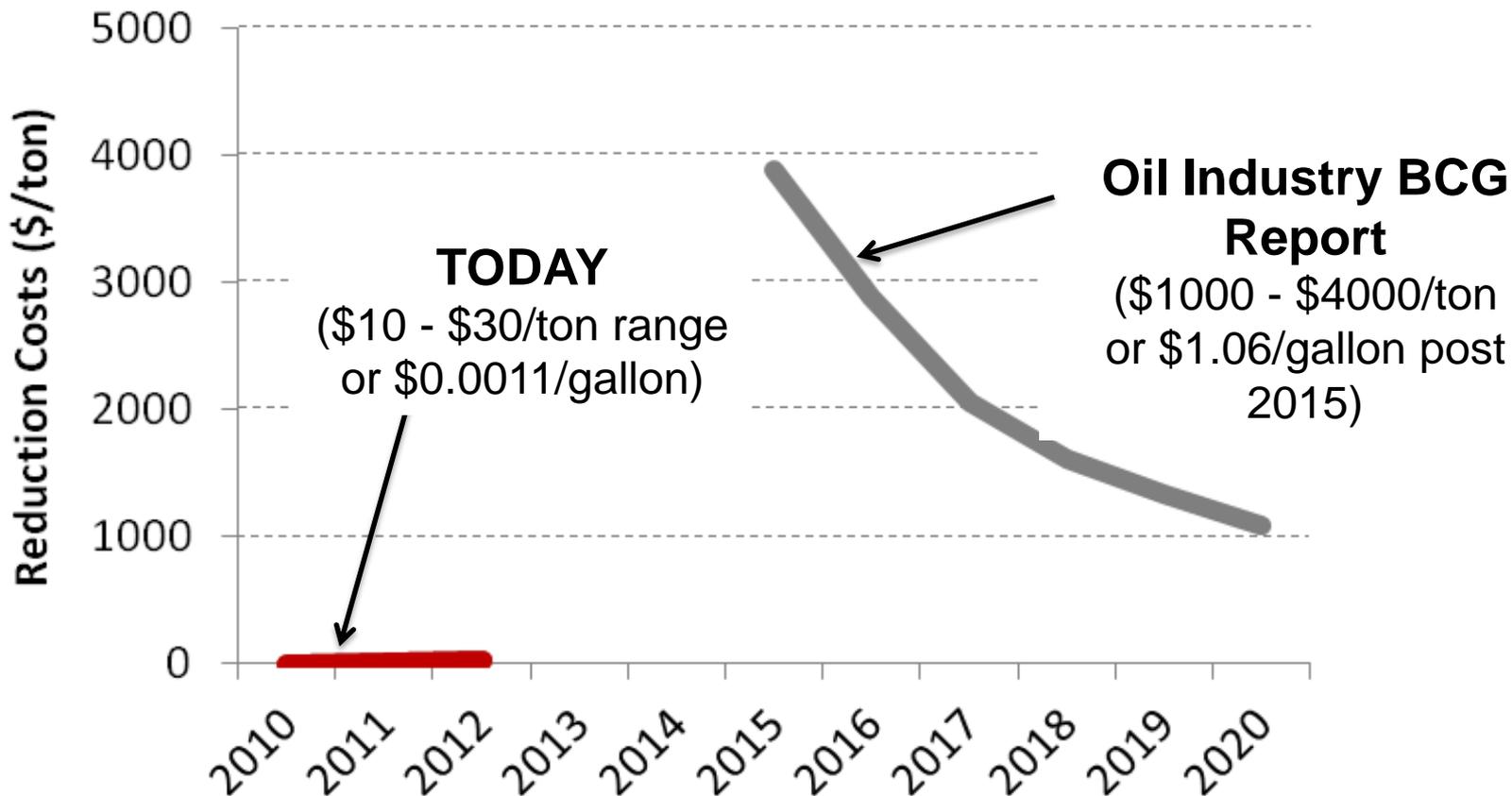
PG&E  
Electric & Natural Gas Fleets



EV Infrastructure  
Providers and Walmart



# Oil industry study assumes LCFS compliance costs are hundreds of times higher than today



Sources: NRDC review of BCG report , TIAX Review of BCG Report (prepared for California Business Alliance). Note: Assumes no reduction are undertaken by regulated party and credits are purchased. Example:  $\$1000/\text{ton} \times 17 \text{ million tons required (2020)} / 17 \text{ billion gallons} = \$1.00/\text{gallon}$

# Oil industry clean fuel investments dwarfed by dirtier energy investments



Global Basis, Top 5 Majors, 2006 – 2011 data

[http://www.arb.ca.gov/lists/lcfs2011/42-comments\\_of\\_nrdc\\_on\\_oil\\_industry\\_investments\\_lcfs.pdf](http://www.arb.ca.gov/lists/lcfs2011/42-comments_of_nrdc_on_oil_industry_investments_lcfs.pdf)

# Let's Accelerate the Good



**ACCELERATE THE GOOD.**

