



# Mobile Source Update



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**South Coast Air Quality Management District**

# CARB Regulatory Activities

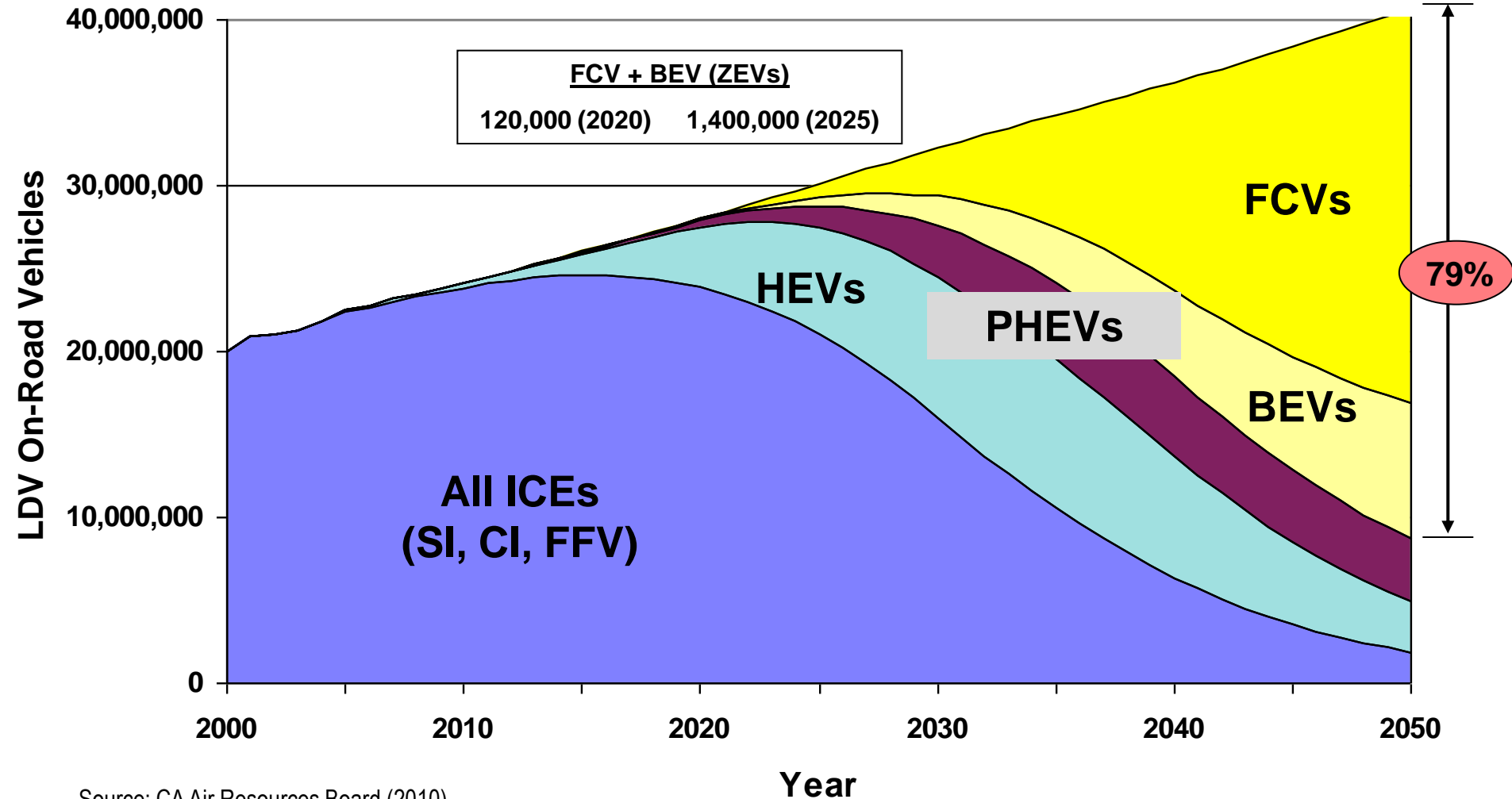
- On-Road

- 15-Day Proposals for On-Road Truck and Bus Regulation and Drayage Truck Regulation – February 2011

- ZEV Amendments – 2011

- LEV III Amendments – 2011

# Mix of Passenger Vehicles Needed to Meet Goals



Source: CA Air Resources Board (2010)

# CARB Regulatory Activities

- Off-Road
  - Evaporative Emissions from Off-Highway Recreational Vehicle and On-Road Motorcycles
  - Spark-Ignition Marine Engine Evaporative Emissions

# CARB Regulatory Activities

- Off-Road

- Amendments to the Low Sulfur Marine Fuel Regulation for Main and Auxiliary Engines – Spring 2011
- Amendments to the Cargo Handling Equipment Regulation – Spring 2011
- Assessment of Development of Marine Vessel Speed Reduction Regulation – Spring 2011
- 2010 Railyard Commitment Language

# Federal Regulatory Activities

- Fuel Economy and GHG Emissions Standards for Light-Duty Vehicles (MY 2017 – 2025)
  - Starting at 250 g/mi CO<sub>2</sub>, lowering by 3% to 6% per year (taking comments on stringency)
  - MY 2025 (190 g/mi – 143 g/mi CO<sub>2</sub>)
- Fuel Economy and GHG Emissions Standards for Medium and Heavy-Duty Vehicles (MY 2014 – 2018)
  - Class 2b – 8 Vehicles
  - Engine Standards (g/mi and g/bhp-hr CO<sub>2</sub>)/  
Vehicle Standards (g/ton-miles)/  
Fuel Efficiency Standards

# South Coast AQMD Activities

- Surplus Off-Road Opt-In for NOx (SOON) Program
- Implementation of AQMD Fleet Rules
- Scrap & Replacement Programs (HEROS II, AB 118, Unocal Settlement)
- Development of Mobile Source Emissions Reduction Credit Rules
- Outreach to Local Governments on Fleet Rules and Use of AB2766 Funds