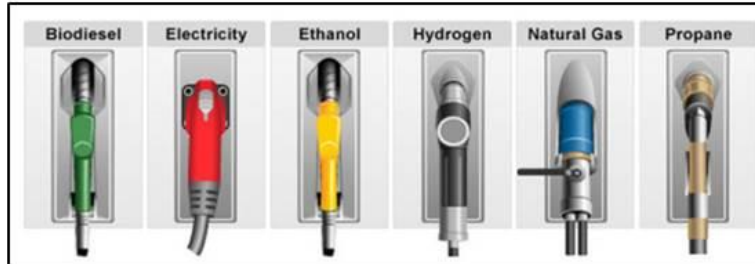
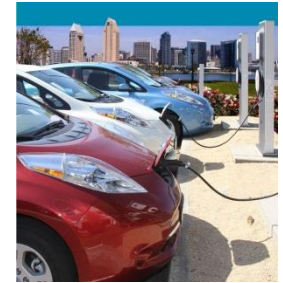
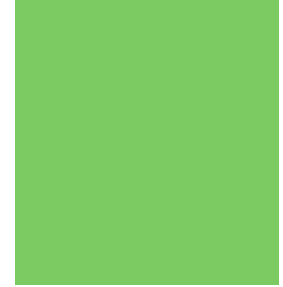


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## STATE AND REGIONAL FRAMEWORK FOR ALTERNATIVE FUEL READINESS

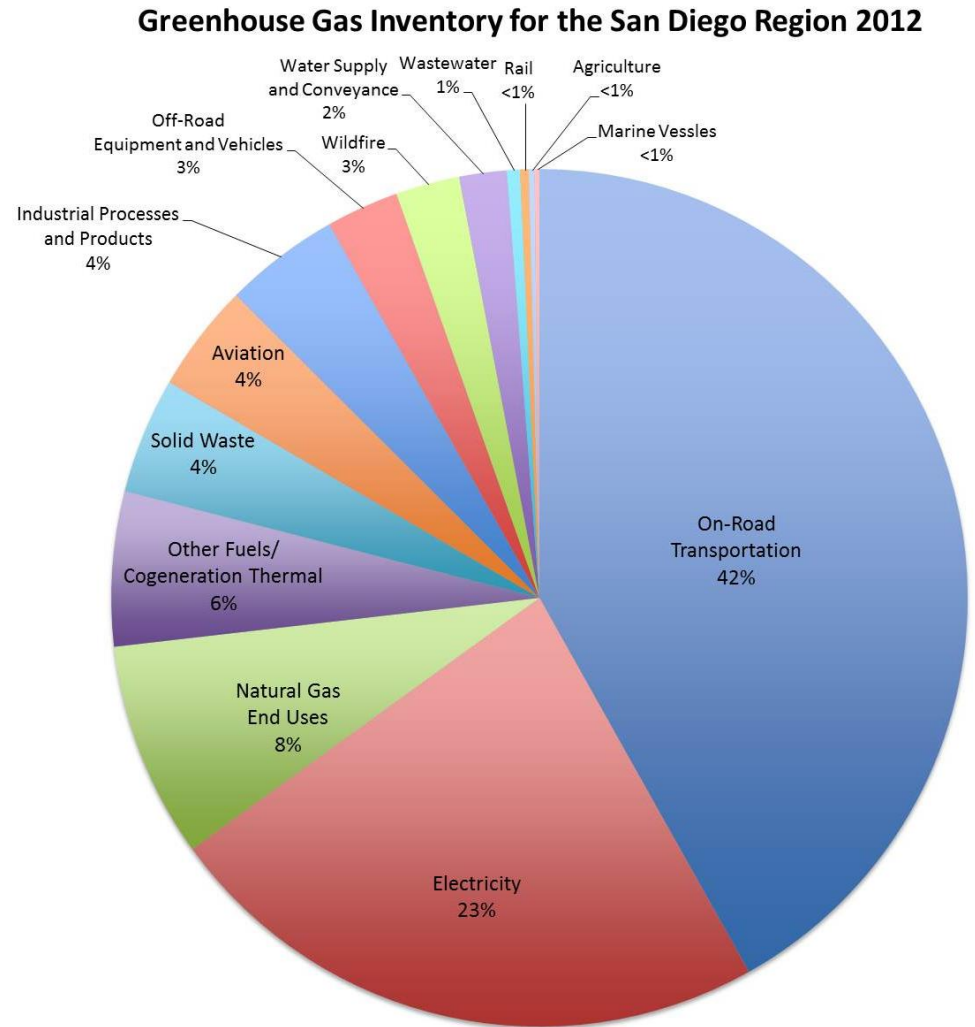
Low Carbon Fuels Round-Table Discussion  
San Diego Regional Clean Cities Coalition  
August 12, 2014

Susan Freedman, SANDAG



# Policy Drivers: California set 2020 and 2050 Greenhouse Gas (GHG) Reduction Goals

- Executive Order S-3-05 set two statewide goals
  - Return to 1990 GHG levels by 2020
  - Reduce 80% below 1990 by 2050
- Assembly Bill 32 (2006)
  - Set the 2020 reduction target into law
  - CARB to prepare scoping plan



Source: Energy Policy Initiatives Center (EPIC) at USD

# State and Local Roles re: Alternative Fuel Use

## State

- Vehicle emissions standards
- Grants, rebates and loans by vehicle type
- Low Carbon Fuel Standard

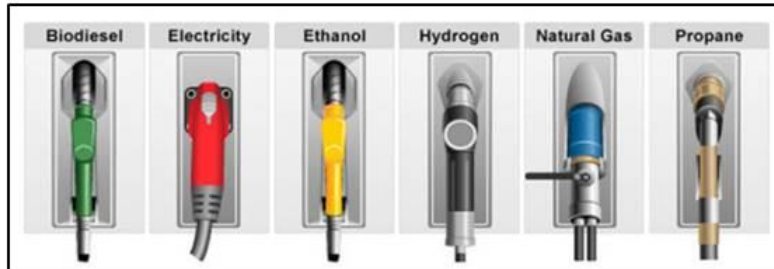
## SANDAG

- Regional forum for readiness planning
- EV charging at transit facilities
- Energy Roadmap fleet assessments

## Local Governments

- Facilitate infrastructure installations
- Integrate alternative fuels into fleets

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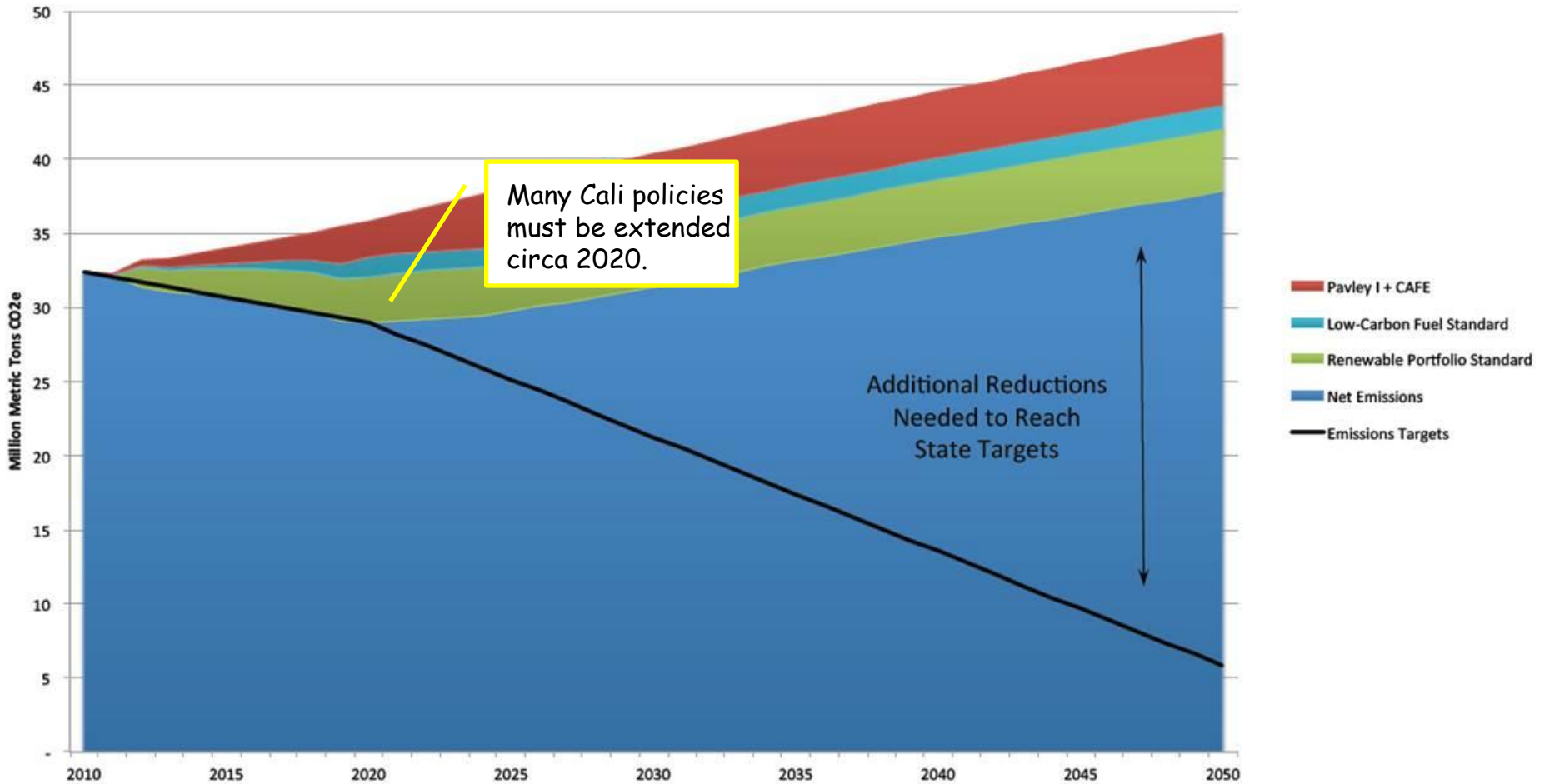
San Diego Regional Alternative Fuel  
Coordinating Council

*Local venue  
launching fall 2014*

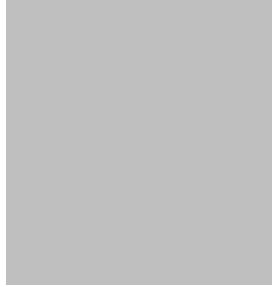
- Convene a forum for regional stakeholder engagement
- Conduct regional alternative fuel assessment
- Prepare sector-specific Alternative Fuel Toolkits
- Develop San Diego Regional Alternative Fuel Readiness Plan









# 2050 Forecast of San Diego Regional GHGs



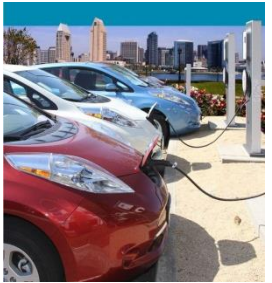
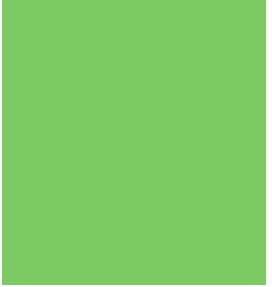
Source: Energy Policy Initiatives Center (EPIC) at USD



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Biodiesel	Electricity	Ethanol	Hydrogen	Natural Gas	Propane
					

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# THANK YOU!

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