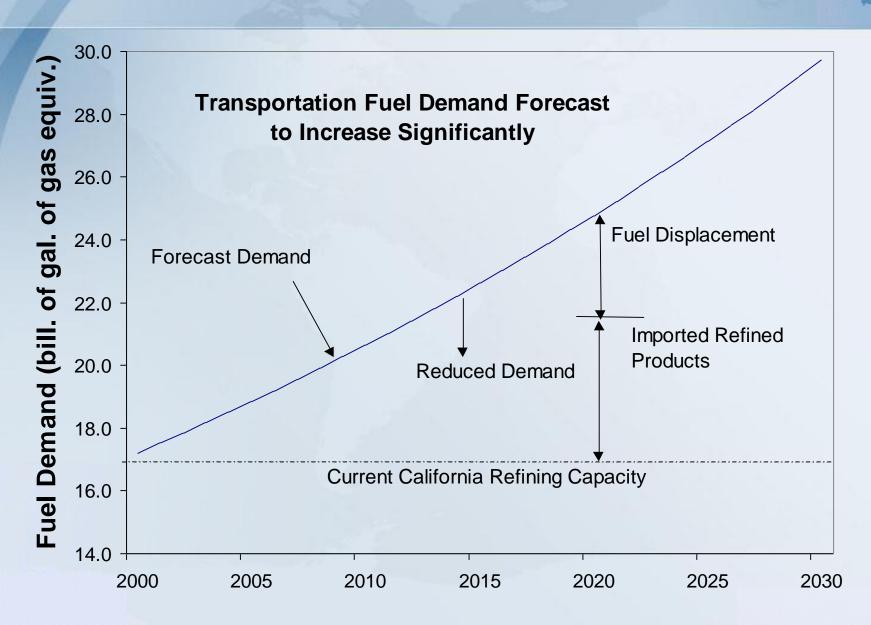


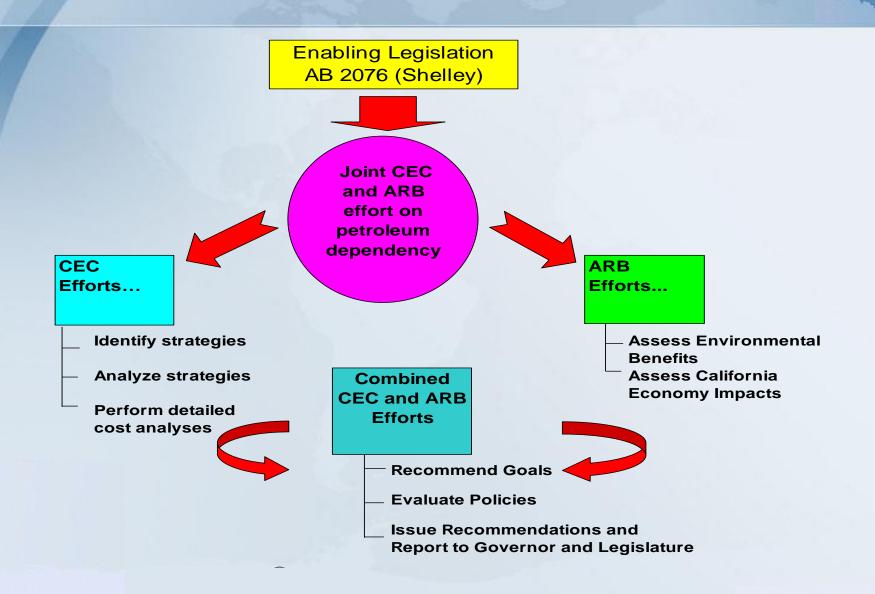
### **Outline**

- Demand for Gasoline and Diesel
- California Energy Commission and Air Resources Board Roles
- Task Structure
- ARB Estimate of Environmental and Economic Impacts
- CEC Assessment of Strategies and Costs
- Program Milestones

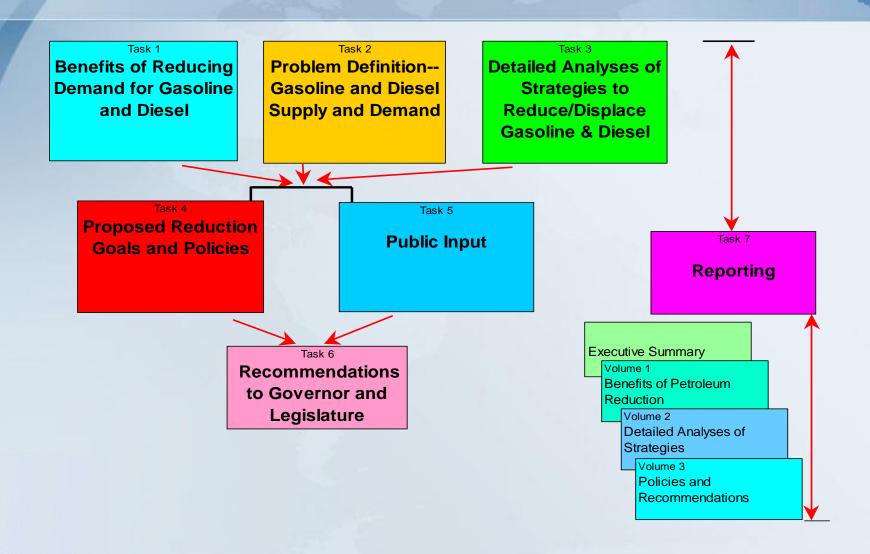
## **Demand for Gasoline and Diesel**



## **CEC** and ARB Roles



### **Task Structure**



# ARB Estimate of Environmental and Economic Impacts

#### **Air Impacts**

Criteria Pollutants & Toxics NOx, CO, HC, PM Toxics e.g. 1-3 Butadiene Methodology (dose/response)

ARB/EPA Benefit

#### **Global Warming**

CO2 Carbon CH4 N20 others

Equivalent CO<sub>2</sub> emissions for CH<sub>4</sub> and N<sub>2</sub>0; \$/ton total equivalent CO<sub>2</sub> emissions

#### **Multi-media Impacts**

#### Distribution System Spillage and Leaks

Ocean

Fresh water rivers, lakes

storm water ground water drinking water Cost of clean up amortized over volume of fuels distributed in \$/gal

#### **Economic Impacts**

General Equilibrium
Economic Model
for California
(based on Dept of
Finance's Dynamic
Revenue Analysis Model)

World Oil Pricing
OPEC Influence
Transfer of Wealth
US Recessions

California Refining Pricing
World oil prices
Refining Outages
Importing refined products

Cost of recessions + transfer of wealth + OPEC influence amortized over total production, \$/gal

Price spikes from world/local conditions, \$/gal; Costs of importing products to California

#### **Other Transportation Impacts**

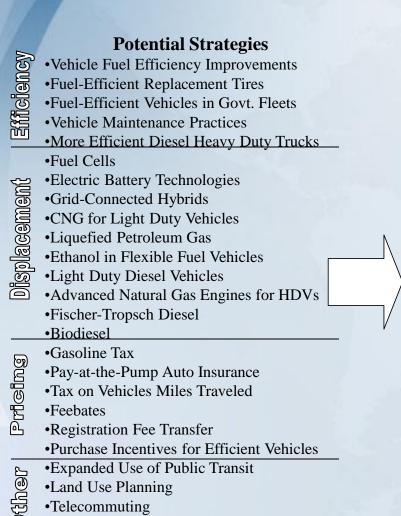
VMT effects on:

accidents congestion

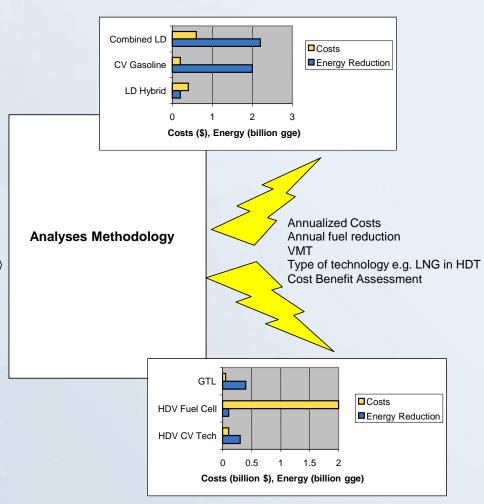
highway infrastructure and services costs

Cost/VMT based on CEC Methodology

## CEC Assessment of Strategies and Costs



•Reducing Speed Limits



## **Program Milestones**

No.	Description	Date
1	Joint Staff Draft Task 3 Report Released	March 19, 2002
2	Public Workshop on Task 3 Report:	March 28, 2002
	Petroleum Reduction Options	
3	Task 1 Report Released for Public Review	April 8, 2002
4	Public Workshop on Task 1 Report:	April 15, 2002
	Benefits of Reducing Gasoline and Diesel	
5	Deadline for Public Comments on Task 3	May 1, 2002
6	Public Release of Task 4: Policy Overview	May 21, 2002
	Report	
7	Public Workshop on Task 4 Report	May 31, 2002
8	Public Hearing on Final Policy Report	June 14, 2002
9	ARB Hearing (Report Approval)	June 20, 2002
10	CEC Business Meeting (Report Adoption)	June 26, 2002