

Air Resources Board Incentive Programs: Achieving Multiple Air Quality Goals

2010 Annual West Coast Collaborative Partners Meeting

> San Francisco, California September 30, 2010

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

### **Role of Incentives**

- Regulations provide bulk of reductions
  - Incentives only a small part of ARB's air quality program
  - Local, state, and federal programs all have role
  - Portfolio approach to ARB incentives to meet multiple goals

## **Multiple Air Quality Goals**

- Near-term emission reductions

   NOx, PM, ROG, toxics exposure
- Greenhouse gas reductions

   Ancillary reductions in petroleum use
- Technology advancement

   Accelerate introduction of next generation of vehicles & equipment

#### **California Air Quality Incentives**

### Annual Investments AB 118

Carl Moyer >\$100M	Prop 1B \$250M <sup>1</sup>	Schoo \$200		BAR ~\$30M	ARB ~\$40M		CEC ~\$100M	
_ Trucks and buses Off-road	— Trucks			Light-duty		(Loans 08-09)	Lo cart fuels	oon
equipment	- Locomotiv	Cle	ean :hool	scrap and repair	Advanced technology vehicles & equipment (FY 09-10+)		vehi	cles
Ag pumps	Marine vessels	bus					Support infrastructure R & D	
Marine vessels	Shore pov	wer						
	Smog/PM in goods		dren's	Smog from		iteria		mate
SIP emission reductions	movement corridors	air to expo	osure	gross polluters	-	llutants d toxics		ange bals
<sup>1</sup> Contingent on bond sales <sup>2</sup> One time funding <sup>4</sup>								

# Coordination with Other Incentive Programs

#### Infrastructure

- ARB incentive programs generally cannot fund infrastructure
- Greenhouse gases
  - Most ARB incentives statutorily focus on criteria pollutants & toxics
- Federal funding
- New funding approaches

 Working with financial institutions on loans