

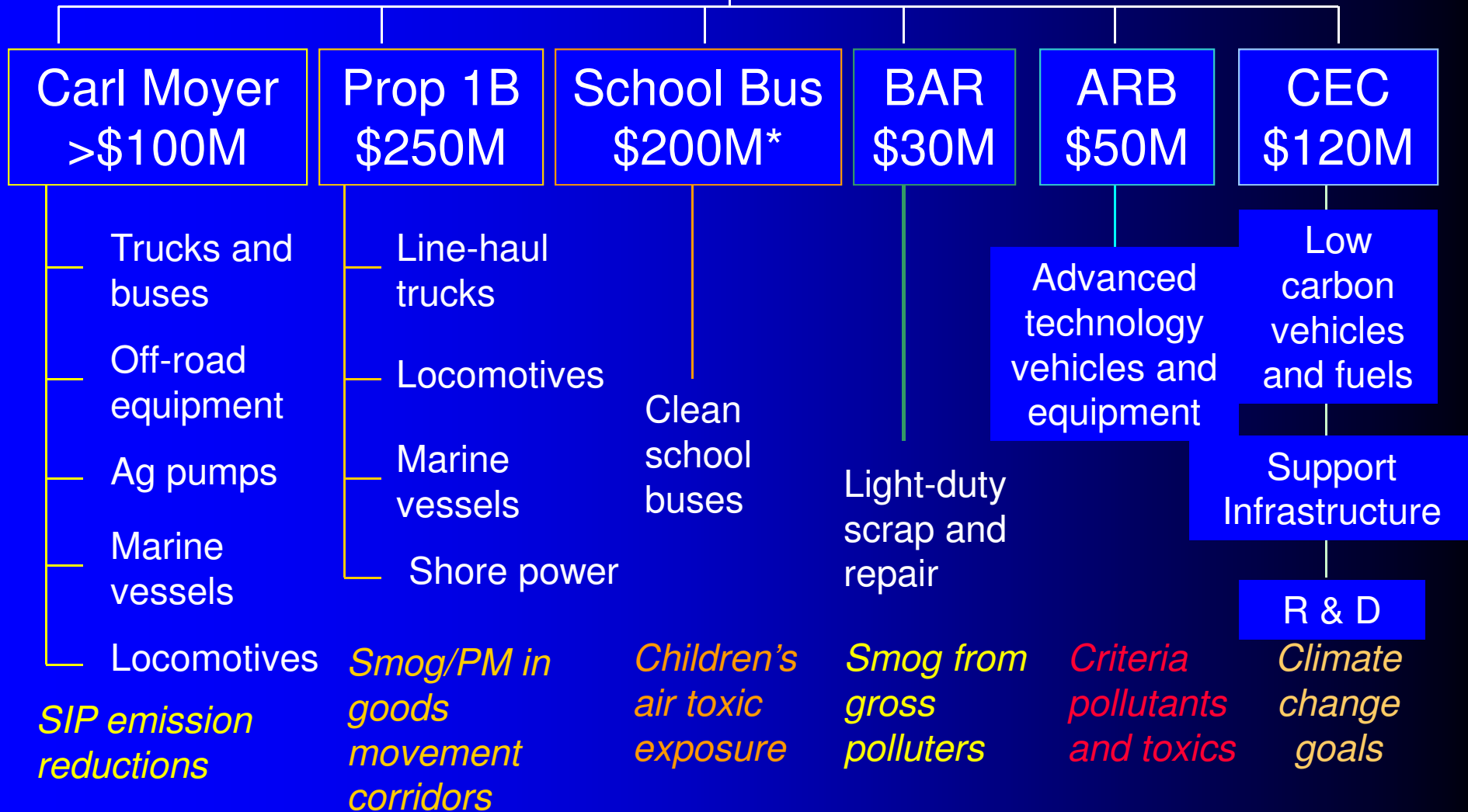
California's Air Quality Improvement Program (AQIP)

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East Bay Clean Cities
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CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
 Air Resources Board

\$500M+/year CA Investment

AB 118



*School bus funds only allocated in one year.

Air Quality Improvement Program

- \$30 to \$50M/year for clean vehicles and equipment (thru 2015)
- Annual Funding Plan identifies projects to:
 - Spur early deployment of next generation technologies
 - Fund projects not served by other incentives
- Projects implemented via third-party Grantees
- Streamlined consumer vouchers or rebates

AQIP Projects Thus Far...

Project Name	FY 2009-10	FY 2010-11
Hybrid Truck and Bus Voucher Incentive Project (HVIP)	\$20M	\$19M
Clean Vehicle Rebate Project	\$5M	\$5M
Lawn & Garden Equipment Replacement	\$1.6M	\$1.1M
Ag UTV Rebate Project	\$1.1M	\$0.5M
Demonstration Projects	\$2M	\$3M
Hybrid Off-Road Equip Pilot	--	\$2M



HVIP Overview

- Provides about 1/2 incremental cost
 - \$15-40k per vehicle, depending on GVW
 - First-come, first-served until funds depleted
- Implemented via vehicle dealers
 - Over forty eligible hybrid trucks and buses
 - Voucher amount deducted from purchase price
- Vehicles stay in CA for three years



This Year's Successful HVIP

- ACEEE award for top emerging program
- Implemented by Calstart and TIAX
- \$20M for 650+ hybrid trucks and buses
 - Mostly private fleets, delivery vehicles
- Launched this February,
now fully subscribed
- Additional funds now available for vehicles in the South Coast Air Basin

More HVIP Funds Coming

- \$19-25M approved by ARB in June
- ARB now soliciting HVIP Grantee
- Vouchers available in early 2011
 - Zero-emission vehicles to be eligible
 - Possible set-aside for public fleets



HVIP Voucher Amounts

Gross Vehicle Weight in Pounds (lbs)		Base Voucher Amount ¹
8,501 – 10,000 lbs ²	Plug-in Hybrid	\$10,000
	Zero-Emission	\$15,000
10,001 – 19,500 lbs		\$15,000 ²
19,501 – 33,000 lbs		\$20,000
33,001 – 38,000 lbs		\$25,000
> 38,000 lbs		\$30,000

1 Add an additional \$5,000 for the first HVIP voucher received by each fleet.

2 Zero-emission vehicles of this weight are eligible for \$20,000.

Clean Vehicle Rebate Project (CVRP)

- Consumer rebate for zero-emission and plug-in hybrid passenger vehicles
- Implemented by California Center for Sustainable Energy
 - ~\$3M still available in FY 2009-10 funds
- ARB to solicit FY 2010-11 Grantee soon
- More ZEV funds needed beyond 2011

CVRP Rebate Amounts

Vehicle Type	Max Rebate Amount
Zero-Emission Light-Duty Vehicle	\$5,000
Plug-in Hybrid Light-Duty Electric Vehicle	\$3,000
Neighborhood Electric Vehicle	\$1,500
Zero-Emission Motorcycle	



Off-Road Hybrid Equipment Pilot Project

\$2M in FY 2010-11

- Accelerate deployment and evaluate emissions benefits of hybrid equipment
 - Fund half incremental equipment cost plus emissions testing
 - Pave way for future voucher/rebate program
- Grantee Solicitation this Fall
- Work Group meeting November 9th

For More Information

HVIP	Joe Calavita (ARB) @ (916)445-4586
	Current HVIP: www.californiahvip.org
CVRP	Meri Miles (ARB) @ (916) 322-6370
	Current CVRP: energycenter.org/
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AQIP Webpage: Google 'ARB AQIP'

ARB Diesel Hotline: (866) 634-3735