

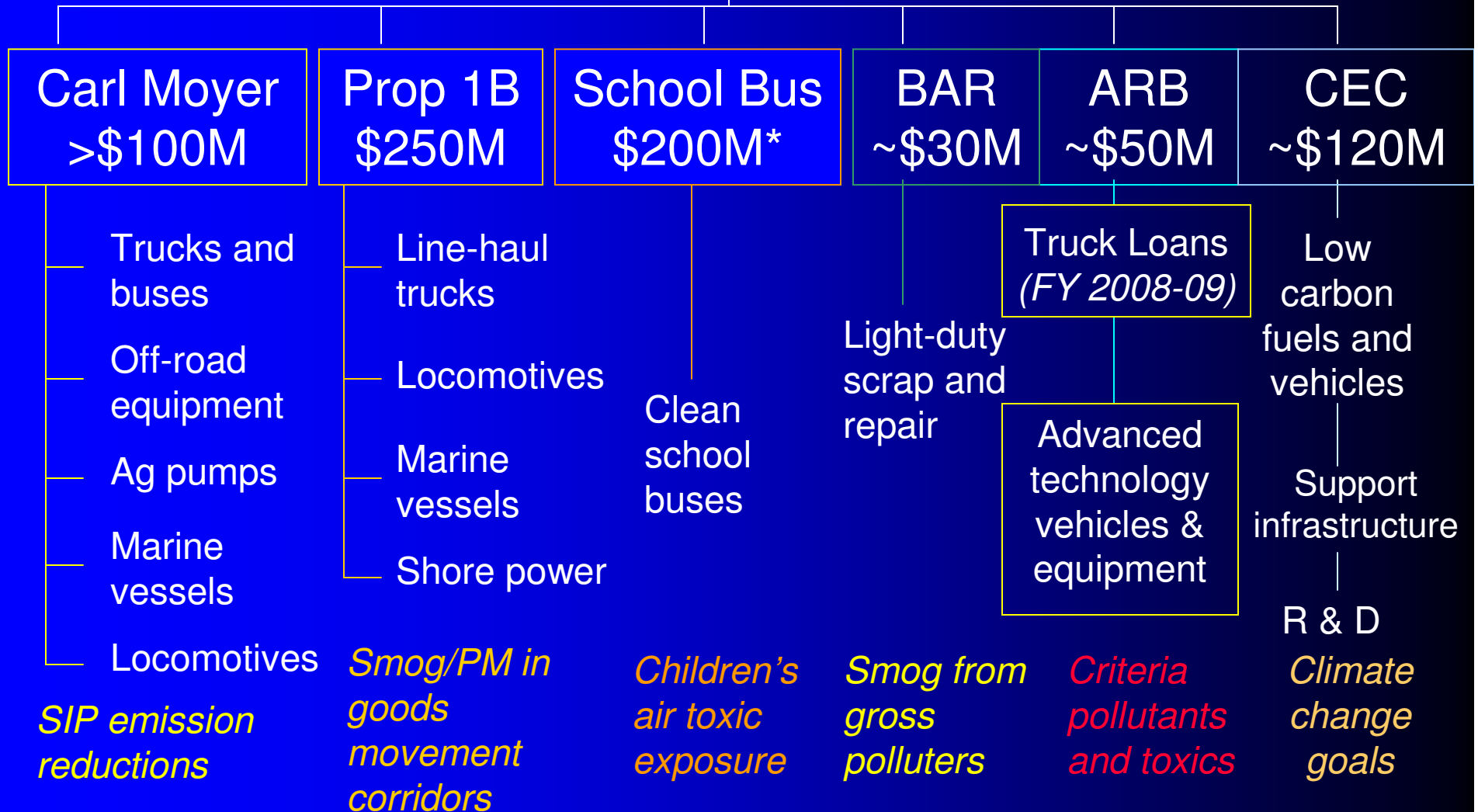
California Air Resources Board's AB 118: Air Quality Improvement Program

Clean Technologies Forum
Sacramento, California
April 7, 2010

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

Implementation Priorities

- Focus on accelerating next generation clean air technologies
 - State Implementation Plan “black box”
 - Climate Change Scoping Plan
- Target project types without other significant funding sources
- Coordinate with Energy Commission

Funding Plan Updated Annually

Guides Project Selection and Implementation

AQIP Public Workshops and Work Group Meetings

Board Considers Proposed AQIP Funding Plan
(including project allocations)

Project Solicitations

Clean Vehicles and Equipment Funded

FY 2009-10 AQIP Funding Plan

Project Description	Funding Total
Hybrid Trucks and Bus Vouchers	\$20.4M
Zero-Emission and Plug-In Hybrid Light-Duty Vehicle Rebates	\$4.1M
Lawn and Garden Equipment Replacement	\$1.6M
Zero-Emission All-Terrain Agricultural Work Vehicle Rebates	\$1.1M
Advanced Technology Demonstration	~\$1.8M
TOTAL	\$29M

www.arb.ca.gov/msprog/aqip/aqip



FY 2009-10 AQIP Funding Plan

Project Status

Project Description	Grantee	Consumer Launch
Hybrid Trucks and Bus Vouchers	CALSTART	January 2010
Zero-Emission and Plug-In Hybrid Light-Duty Vehicle Rebates	California Center for Sustainable Energy	March 2010
Lawn and Garden Equipment Replacement	Various Air Districts	March 2010
Zero-Emission All-Terrain Agricultural Work Vehicle Rebates	San Joaquin Valley APCD	Expected April 2010

Advanced technology demonstration project grantees have not yet been selected

FY 2010-11 AQIP Funding Plan

Development and Implementation

April 2010	<u>Next Public Workshops</u> <ul style="list-style-type: none">• April 8, 2010 in Sacramento (webcast)• April 13, 2010 in El Monte• April 20, 2010 in Fresno
May 24, 2010	Proposed Funding Plan Released for Public Comment
June 24, 2010	Board Considers Proposed Plan
Fall 2010 – Spring 2011	ARB Solicits Grantees to Implement Funding Plan Projects

DRAFT
Proposed FY 2010-11
AQIP Funding Plan

Hybrid Truck and Bus Voucher Incentive Project



DRAFT FY 2010-11 Funding Target: Up to \$25 million

Synopsis: Vouchers for about half the incremental cost of a new hybrid or electric truck or bus. Pays for about 800 vehicles.

Goals:

- Spur hybridization of truck and bus fleet
- Pave the way for Medium- and Heavy-Duty Hybridization measure in Climate Change Scoping Plan
- Accelerate hybrid technology development and transfer

Zero-Emission and Plug-In Hybrid Vehicle Rebate Project



DRAFT FY 2010-11 Funding Target: Up to \$5 million

Synopsis: Rebates for zero-emission and plug-in hybrid passenger vehicles. Modeled after ARB's Alternative Fuel Incentive Program (AFIP).

Goals:

- Accelerate commercialization of zero-emission vehicles
- Encourage consumer acceptance

Off-Road Hybrid Equipment Pilot Project



DRAFT FY 2010-11 Funding Target: Up to \$3 million

Synopsis: Incentives for about half the incremental cost of new hybrid off-road equipment. May also fund in-use emissions testing to better quantify technology benefits.

Goals:

- Accelerate commercialization of hybrid equipment.
- Encourage consumer acceptance

Lawn and Garden Equipment Replacement Project



DRAFT FY 2010-11 Funding Target: Up to \$1 million

Synopsis: Funds go to local air districts with worst air quality to expand local lawn and garden equipment replacement programs.

Goals:

- Replace existing gas-powered equipment with new electric equipment
- Accelerate development and deployment of zero-emission commercial lawn and garden equipment.

Zero-Emission Agricultural UTV Rebate Project



DRAFT FY 2010-11 Funding Target: Up to \$0.5 million

Synopsis: Rebates to help pay for a new zero-emission agricultural utility terrain vehicle (not to exceed 15% of MSRP or \$2,500 per vehicle).

Goals:

- Spur deployment of zero-emission agricultural work vehicles
- Encourage hybrid technology development and transfer
- Encourage consumer acceptance

Demonstration Projects

DRAFT FY 2010-11 Funding Targets

Equipment Type	Funding Target
Agricultural and Off-Road Equipment	Up to \$2M
Transit and School Bus	Up to \$2M
Locomotive	Up to \$1M
Marine Vessels	Up to \$1M

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