

# Carl Moyer Advisory Committee

September 18, 2008



## *Prop. 1B: Goods Movement Emission Reduction Program*

**Cynthia Marvin**

**Air Resources Board**



California Environmental Protection Agency

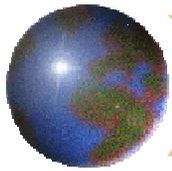
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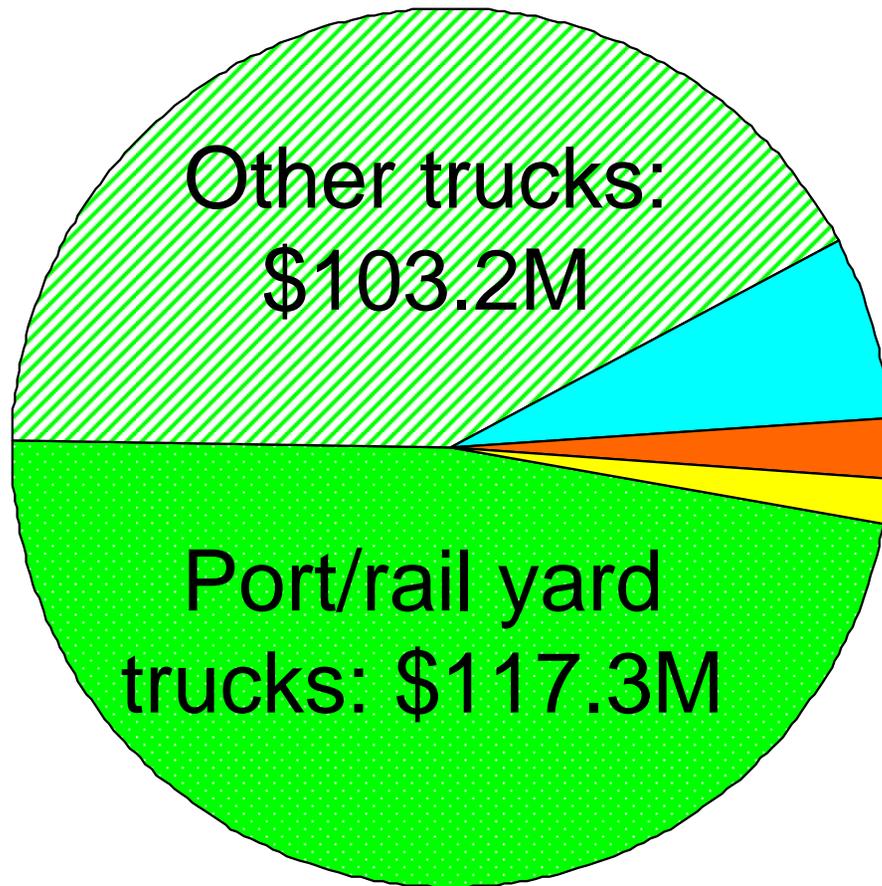


## ***Program Milestones***

- Feb 2008: ARB adopted Guidelines
- May 2008: ARB awarded first \$250M
  - Focus on “early” or “extra” reductions of diesel PM and NOx emissions
- Jun 2008: 9 local agencies signed grant agreements to implement 21 projects
- Now: local agencies are soliciting and/or competitively ranking applications



## *FY2007-08 Funds Allocation by Source Category*



Locomotives: \$16.5M  
Shore power: \$5.4M  
Harbor craft: \$4.3M



## ***FY2007-08 Funds Demand for Port & Rail Yard Trucks***



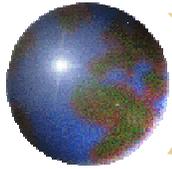
Based on first round of solicitations:

<u>Option</u>	<u>Applied</u>	<u>Available</u>	<u>Demand/Supply</u>
Retrofit	780	1,710	0.5
Replace	1,140	2,090	0.5
Repower	5	45	0.1

Solicitations still underway in San Diego/Border

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## ***SoCal Port Truck Cleanup Will Proceed***

- ARB adopted rule and awarded ports \$98M Prop 1B grant for early upgrades
- Ports established their own requirements  
(1) Clean trucks, (2) Gate fees, (3) Concessions
- ATA lawsuit opposes concessions only
- ARB rule/1B requirements apply regardless
- South Coast AQMD is Prop 1B backup



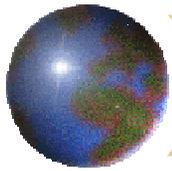
# *FY2007-08 Funds Demand for Other Trucks*



Based on first round of solicitations:

<u>Option</u>	<u>Applied</u>	<u>Available</u>	<u>Ratio</u>
Retrofit	940	2,550	0.5
Replace	5,710	1,380	4.1
- Truck stop elec	20		
Repower	50	50	1.0

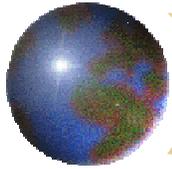
Solicitations still underway in Central Valley, San Diego/Border



## ***FY2007-08 Funds Competition for Truck Funds***



- ⊕ Diesel & LNG trucks, variety of vocations
- ⊕ All requesting maximum funding
- ⊕ So far, most competitive projects are:
  - Replacements of MY1990 & older @ 50k+ mi/yr
  - Replacements of MY1991-2000 @ 100k mi/yr
- ⊕ Retrofits are 2-3x more cost-effective



# *FY2007-08 Funds Demand for Locomotives*



Based on first round of solicitations:

<u>Option</u>	<u>Applied</u>	<u>Available</u>	<u>Demand/Supply</u>
Switcher	5	8	0.6
Line-haul	10	10	1.0

Solicitations still underway in LA/Inland Empire



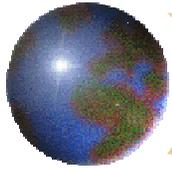
## *FY2007-08 Funds Demand for Other Categories*

- Shore power – 2 out of 3 berths under contract



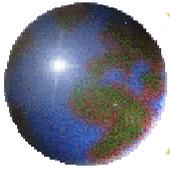
- Harbor craft – 4 applied, 17 available in 1<sup>st</sup> round





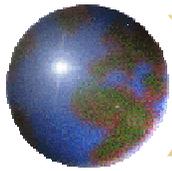
## *FY2007-08 Funds* ***Current Focus***

- Local agency solicitations for projects, plus inspections, ranking, and contracting
- ARB compliance checks
- ARB contract reviews, incl. lease-to-own
- ARB database development and local agency training



## ***What's next?***

- 2<sup>nd</sup> installment of \$250M expected in FY2008-09 (pending State budget)
- Update guidelines - public process this Fall, Board hearing in Jan 2009
- Solicit/award 2<sup>nd</sup> round of funding - public process and Board hearing in Spring 2009



## ***Key Updates under Evaluation***

- ✚ Revised truck eligibility/funding based on new technology and statewide truck rule
  - Consider out-of-state travel option at lower \$
- ✚ Loan guarantee program for trucks
- ✚ Co-funding for greenhouse gas reductions
- ✚ Re-use of trucks in Northwest
- ✚ Expanded locomotive project options





## ***Contact Information for Prop 1B***

- ➊ ARB staff: (916) 44-GOODS or [gmbond@arb.ca.gov](mailto:gmbond@arb.ca.gov)
- ➋ ARB website and links to implementing local agencies: [www.arb.ca.gov/gmbond](http://www.arb.ca.gov/gmbond)