

CSBUSA, Retrofit & Replacement Work Group

MSTRS Meeting

June 9, 2004

Ann Arbor

CSBUSA & Retrofit Goals-2004

- Ensure Technology Performance in-use
 - Expand Retrofits into new industry sectors:
 - Construction, Ports, Freight, Rail & Airport Service
 - Broaden Awareness of the value of retrofits as a control strategy to help areas meet new NAAQS
 - Work with EPA Regions, FACA & stakeholders to establish resource base for expanded program
 - Prepare to implement enhanced FY05 CSBUSA grant program
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Retrofit Work Group

- Charge to Group
 - Retrofit Expansion-Including sector specific outreach & incentives
 - Sub-working groups: over next 18 months to identify incentives and strategies for each sector
 - Active leadership in sector expansion over the next 2 years
 - Construction: Leah Wood (AGC) and Rich Kassel (NRDC)
 - Ports: Michael Block (NESCAUM)
 - Freight, Rail and Airports: Bruce Bertelson (EA)
 - Clean School Bus USA: Charlie Gauthier(NASDPTS)
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Work Group 2 Year Timeline

Year 1:

- Work Group Formation
- Develops work plan & begin Tech Assessment
- Convention: June 2004
- Holds 2 follow-up sector specific meetings
- Determine resource needs for moving into new sectors
- Interim Report of Technology Performance Assessment

Year 2:

- Implement sector-specific work plans and projects
 - Complete Technology Performance Assessment
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The Conference June 3-4, 2004

- **Success: Conference kick off to sector expansion-last week in DC**
 - Sponsorship MECA and DTF
 - 300+ people attended-wide representation
 - Administrator, Rep. Boehlert. Congressional staff, RA's, Jeff Holmstead
 - Press event with Caterpillar
 - EPA retrofit grants, NSTA sub-grants announced

 - **Margo Announced New Goal & MOU with CARB**
 - By 2014, retrofit or replace all 11 million diesel engines in today's fleets
 - Signed MOU on Verification Process
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The Conference June 3-4, 2004

❑ 4 Concurrent Sector Working Sessions

- School Bus
- Construction
- Ports
- Freight and Industrial (Rail, Truck, Airports)

❑ Report out from each sector

- Answered three questions:
 - What lessons have we learned-what is the technology?
 - What are incentives for expansion?
 - What are the next steps that need to be taken?
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Q1: What have we learned?

- Equipment does work
 - Creating volume reduces cost
 - Need NOx reduction technologies
 - Be realistic about what emission reductions can be achieved
 - Approach must make business case and be compatible with business operation in each sector or sub-sector
 - Incentives are essential
 - Private/Public Partnerships necessary
 - Infrastructure and support important
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Q2: Effective Incentives

- Tax Incentives/loan funds/grants
 - Operational incentives (HOV, parking, tolls, fees)
 - Operational savings can fund retrofit?
 - SIP or Conformity Credits
 - CMAQ
 - Private sector funds
 - Public awareness/recognition/community relations
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Q2: Effective Incentives

- Approach must make a solid business case and be consistent with operations within each sector or sub-sector
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Q3: Next Steps

□ CSBUSA

- Greater marketing of program to parents and teachers
 - No scare tactics
 - Review potential for state legislation & regulatory approaches
 - Tax incentives for private fleets
 - Outreach to PTA's, AAP etc.
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Next Steps

□ CSBUSA

- 2005 appropriations process-coalition
 - Public messages
 - Nov 1, meeting in Cincinnati at NASDPTS and NAPT conference
 - School Transportation Officials
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Next Steps

□ Clean Ports USA

- Investigate sub-groups (Dock, Freight, Ocean going, Coastal)
 - Better inventories
 - Establish information clearinghouse
 - Model Port Concept
 - Yard Tractors retrofit-"low hanging fruit"
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Next Steps

□ Clean Ports USA

- Establish partnerships & coalitions
 - Reach out to tenants
 - Explore operational changes - idling, freight
 - Explore harbor maintenance tax and other fee based incentives
 - Explore emissions trading and credits
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Next Steps

Construction

- Establish dedicated revenue stream
 - Explore contract incentives & reach out to contractors
 - Encourage nonroad SEPs
 - CMAQ
 - Incentives for Neo-fit
 - Educate contractors on lower maintenance cost and idling reductions
 - Develop the business case for retrofit/replacement
 - Tech verifications for nonroad applications-especially NOx
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Next Steps

Freight/Rail/Airports

- Freight task group to stay together
 - meet in August-recruit members
 - Make sure messages are clear with Smartway
 - Make cost effectiveness figures available
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WG Next Steps & Meeting Dates

- Next Work group meeting:
 - Week of July 12
 - EPA Effort to ID new NOx technologies
 - Sector Workshops
 - School Bus Workshop- Nov 1
 - Construction- looking for date
 - Ports- Oct. Long Beach- Oct?
 - Freight- Rail and Airports- SAE-Oct/Feb?
 - Progress report due to work group January 4, 2005
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Further information.....

For more information about the Retrofit Conference:

www.cleanfleetsusa.net
