



West Coast Collaborative
Trucking Workgroup
February 1, 2006 Face-to-Face Meeting Summary

The Trucking Workgroup met after the Faster Freight Cleaner Air Conference (FFCA) in Long Beach, California on February 1, 2006. The Workgroup discussed current projects, federal budget news, grants, potential project ideas for 2006, and next steps for moving projects forward.

Update on Current Projects

- *Expansion of Lane Regional Air Pollution Authority's "Everybody Wins" Program*—Sharon Banks, Lane Regional Air Pollution Authority (LRAPA), discussed her plans for the expansion of the "Everybody Wins" program. Sharon plans to expand LRAPA to include a non-profit arm devoted toward setting up a revolving loan program for installing fuel saving technologies and emission control devices (i.e., SmartWay Upgrade Kits) on long-haul trucks. Sharon would like to showcase these technologies at truck stops and upgrade approximately 50 trucks per month through this program.
- *Liquefied Natural Gas (LNG) for Locomotives and Trucking*—Fred Minassian, South Coast Air Quality Management District, briefly talked about an LNG project (\$1.8M total, of which \$100K is from Carl Moyer funds) for locomotives running between the port and a Lancaster distribution center. In addition, the company Hunter and Hunter Trucking is running their trucks on LNG from their distribution center.
- *Truck Stop Electrification*—Fred Minassian, South Coast Air Quality Management District, also talked about a truck stop electrification (TSE) project that has been funded using \$650K CARB funds, \$300K Carl Moyer, and additional funding from EPA. The project will install 55 TSE units at an Ontario truck stop, and 10 units in Castaic.
- *\$320M in IdleAire Bonds*—Bart Melton, IdleAire, announced the availability of \$320M in bonds for TSE infrastructure. These bonds will allow for the installation of TSE in the next 15 months at 210 new sites, some of which will be located along the I-5 Corridor. IdleAire is targeting the busiest corridors first. A list of sites will be available soon.

Federal Budget News

- Henry Hogo, South Coast Air Quality Management District, briefed the group on the federal budget.
 - President's FY 2007 budget will be coming out on February 6, 2006.



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- The Diesel Emissions Reduction Act (DERA), which authorizes \$200M in funding per year for the next 5 years, was also discussed in the meeting. DERA focuses on targeting the most highly impacted areas, providing 70% of funds through loans, and 30% of funds through grants.
- Congestion Mitigation and Air Quality (CMAQ) funding, which amounts to \$8.6B potential funding for retrofit projects. The group discussed the need to work together with metropolitan planning organizations (MPOs) to educate them about the applicability of CMAQ funds toward trucking retrofits.
- Michelle Roos, EPA, reported that the West Coast Collaborative will be holding a funding forum in mid-March in Washington State to brief MPOs on CMAQ funds for trucking. Tim Taylor, Cleaire, suggested that this forum be made public.
- Kristin Sipes, EPA, distributed a fact sheet on State Infrastructure Banks (SIBs) and briefly discussed the potential for applying these funds toward trucking.

Grants

- Michelle Roos, EPA, briefly described the \$3M West Coast Collaborative RFP and distributed a fact sheet with more details. She also announced that there will be a Q&A conference call on February 6, 2006.
- Kristin Sipes, EPA, briefly described a SmartWay Transport Partnership RFP for SmartWay Upgrade Kits that is being developed. She will let the group know when the RFP is released to the public.

Potential Projects

- John Van Bogart, Clean Fuel USA, discussed a project he will be working on using a GM engine platform for trucks operating along the US/Mexico border. The project is currently in the research and development phase, focusing on using an auxiliary power unit (APU) that runs on propane to power both a transport refrigeration unit and the cab. The APU will be CARB-certified and would be mounted on the back of the truck cab.



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- John Van Bogart also talked about using a DT466 diesel-style engine running on propane for public and private buses. Rich Teebay, LA County Department of Public Works, discussed the potential for using propane for contracted services on over 200 buses in LA county.
- Sharon Banks, LRAPA, discussed several project ideas:
 - Buyback program for old ports' drayage trucks
 - Working with leasing companies, who typically sell their trucks after approximately 5 years of usage for approximately \$10-15K. On the private market, a dealer would sell this truck for much more. Sharon feels that this could be a good opportunity to work with leasing companies and purchase the trucks for wholesale. These trucks could then be retrofitted with fuel saving technologies and an emission control device and subsequently sold to a secondary user.
 - Diesel electric hybrids—Heno, which is owned by Toyota, will have a hybrid engine available in 2007 for short-haul operations. The cost differential between the hybrid and standard engine will be approximately \$8K. Tax credits for hybrids would certainly help offset this differential. The group mentioned that tax credits from the Highway Bill, based on vehicle weight class, could help. Ted Olsen, Delta Liquid Energy, will email Kristin Sipes a fact sheet that he has on tax credits from the Highway Bill and Energy Bill. Kristin will distribute the fact sheet to the group.
- Kristin Sipes, EPA, asked if anyone had tried working with Original Equipment Manufacturers to get traditional aftermarket devices installed at the factory level. Liability and warranty issues seem to be the main challenges for OEMs.

Next Steps

- Reminder that Q&A session for the West Coast Collaborative RFP will be held on February 6, 2006.
- Next Trucking Sector Workgroup teleconference will be on Monday, February 13, 2006, from 1-2pm PST. Call-in number: 866-299-3188, Passcode 2023439636#. Contact Kristin at 202-343-9636 or sipes.kristin@epa.gov if you have any projects or ideas that you'd like to discuss on this call.
- During the FFCA conference, we created a matrix containing project ideas, potential partners, and potential funding sources. Kristin will talk about this on the next teleconference and report out on important issues discussed at this conference.



Attendees

Name	Company	Phone	Email
Bart Melton	IdleAire	865-789-1698	bmelton@idleaire.com
McKinley Addy	California Energy Commission	916-657-0833	maddy@energy.state.ca.us
Jon Van Bogart	Clean Fuel USA	805-610-3671	JVB@cleanfuelusa.com
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Fred Minassian	South Coast AQMD	909-396-2641	fminassian@aqmd.gov
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Sharon Banks	Lane Regional Air Pollution Authority	541-736-1056	sharon@lrpa.org
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