



Clean Diesel and Retrofit Work Group Meeting Report

MSTRS

October 6, 2009



Participants

- **Shankar Prasad, M.B.B.S, Coalition for Clean Air (*Work Group Co-Chair*)**
- **Terry Goff, Caterpillar Inc. (*Work Group Co-Chair*)**
- **Margaret Gordon, West Oakland Environmental Indicators Project**
- **Andrea Hricko, Community Outreach and Education Program, Southern California Environmental Health Sciences Center and Children's Environmental Health Center based at Keck School of Medicine, University of Southern California**
- **Angelo Logan, East Yard Communities for Environmental Justice**
- **Kirk Marckwald, California Environmental Associates****
- **J. Langdon Marsh, National Policy Consensus Center, Portland State University**
- **Cynthia Marvin, California Air Resources Board**
- **Gregory Melanson, Formerly with Bank of America**
- **Wayne Grotheer, Port of Seattle**
- **Omega Wilson, West End Revitalization Association**
- **Victoria Robinson, U.S. EPA Designated Federal Officer**



NEJAC Goods Movement Report

- Approved by National Environmental Justice Advisory Committee (NEJAC) in July to be transmitted to EPA very soon
- Primary Goals:
 - Protect human health in communities impacted by air emissions from goods movement facilities/activities
 - Convey urgency to take action to reduce community exposure
 - Need different approaches to mitigate impacts of existing and new goods movement facilities or activities.
- 40 specific recommendations – many related to OTAQ programs



NEJAC- Major Themes

- **Community Identification and Action**
 - **Direct each of the ten regions of EPA to identify and prioritize areas or communities maximally exposed or affected by goods movement related facilities and activities for taking action**
- **Community capacity**
 - **Increase community effectiveness to influence decisions related to goods movement**
- **Collaborative Governance**
 - **Promote/co-fund decision making that empowers community/tribal stakeholders to agree on actions to reduce health impacts from goods movement in the identified communities.**
- **Accelerate Cleaner Technologies**
 - **Incentives, regulatory actions, modifying existing financing programs, creating new funding/financing mechanisms, technical assistance, enforcement**
- **Research and Data Gathering**
 - **Fill gaps**
 - **Develop information on which to base mitigation measure**

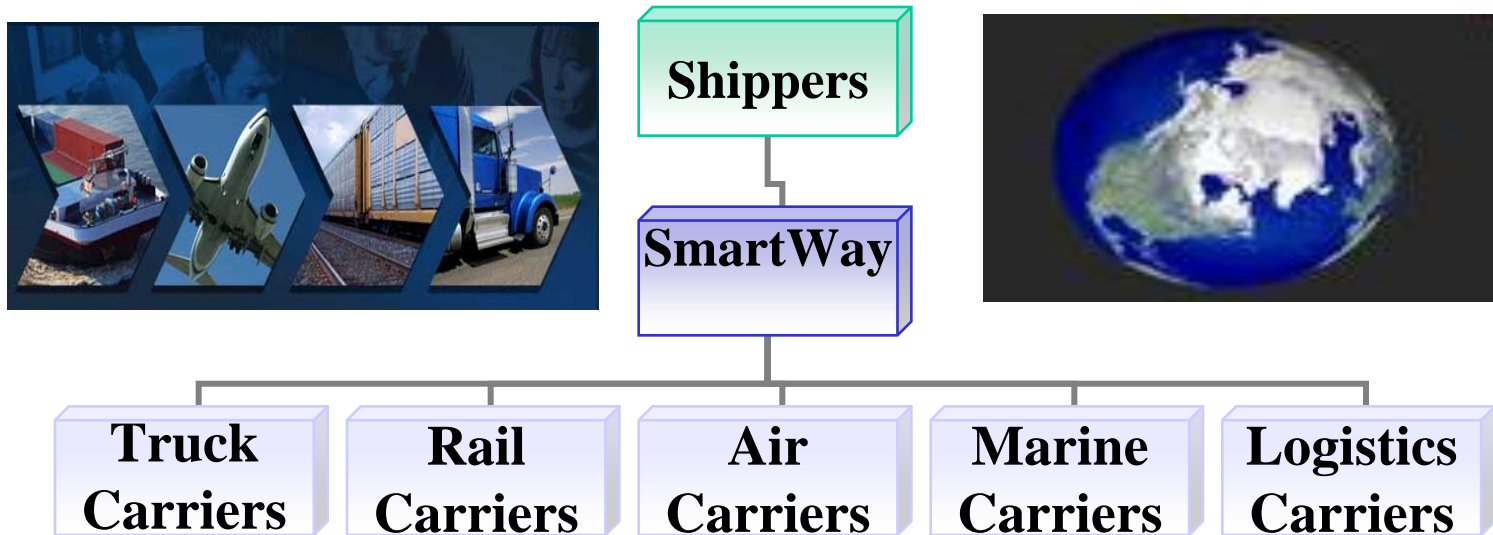


SmartWay Update

- SmartWay partners freight shippers and carriers commit to reducing fuel and emissions.
 - 50 partners at launch in 2004
 - Over 2,200 partners in 2009 (doubled from 2008)
- Since 2004, SmartWay Partners saved:
 - 16 million metric tons of CO₂, 1.4 billion gallons of diesel fuel, 3.5 billion dollars in fuel costs
 - SmartWay fleets are about 9% more fuel efficient or 1,200 gallons diesel fuel (\$3,000) per year, per truck
 - Equivalent to taking 3.1 million cars off the road for one year
- International Recognition/replication



SmartWay Update Supply Chain Accounting



- Will be the Global Protocol for measuring and reducing carbon emissions from worldwide freight transportation
- A system of models that collects data from all freight sectors into a global database; disseminates information to shippers and Transportation Management Systems (TMS) software providers
- New 2.0 models being beta tested now; official roll out early 2010
 - Determination of mass emissions from transportation supply chains
 - Calculation of transportation provider emission efficiencies



SmartWay Update

- **All major manufacturers of tractors and trailers have SmartWay certified models.**
 - Certified tractors: Daimler, Navistar International, Kenworth, Mack, Peterbilt, and Volvo.
 - Certified trailers: Great Dane, Hyundai Translead, Utility, Vanguard, and Wabash
- **Revised HD test protocol target early 2010. Vehicle-based test method to measure fuel efficiency and GHG emissions of commercial medium and heavy duty trucks**
 - Feasibility testing initiated April 2008 and is ongoing
 - EPA reviewed comments and is revising protocol on basis of comments and test results



SmartWay Clean Diesel Finance

- **2008:** \$3.4 million for three loans programs to help small trucking companies reduce fuel costs and emissions
 - \$3.4M LEVERAGING \$19M for 3 truck loan programs
- **2009:** \$30 million Recovery Act funding for new finance programs
 - \$30M EXPECTED to LEVERAGE \$128M for 5 programs
- **FY09/10 Funding:** \$12 million (estimated)
 - RFP expected to be publish early October
- SmartWay Finance Center “Lending Tree” Portal