



Welcome to the MOVES Review Work Group

December 6, 2017

The meeting will begin shortly.



Meeting Agenda

- Welcome from the Chairs
- Announcements
- Member Roll Call
- Presentations
 1. Update of Engine Categories, Emission Rates, and Speciation Profiles for Tier-4 Nonroad Compression Ignition Engines
 2. Draft Tool to Model Ramps in Project Scale
 3. Recommended Updates to MOVES Heavy-Duty Source Masses Using VTRIS Data
 4. Recommended Updates to MY 2010+ Heavy-Duty Vehicles: Fixed Mass Factor and Diesel Particulate Matter Rates
 5. Coordinating Research Council 2017 and 2018 MOVES related Projects
- Future Meetings / Wrap-up



Announcements

- Please type your name and affiliation in the Chat window. To ask a question or make a statement, please raise your hand via Adobe Connect.
- State your name when speaking, so that the contractor can attribute comments correctly. When not speaking, please **keep your phone on mute**.
- Prior to posting on the work group website, draft meeting minutes will be distributed to work group members for review
- Additional questions about the technical content contained in today's presentations should be sent to Sarah Roberts (Roberts.Sarah@epa.gov) by **January 17, 2018**
- EPA has been working on updating MOVES Technical Reports to reflect many of the expected model updates presented to the Work Group. Upon completion of the peer review process, the updated MOVES Technical Reports will be made available for review by Work Group members.



Member Roll Call

Name	Home Organization	Representing Organization
Matthew Barth	University of California, Riverside (CE-CERT)	University of California, Riverside (CE-CERT); Workgroup Co-Chair
Megan Beardsley	EPA OTAQ	EPA; Workgroup Co-Chair
Giedrius Ambrozaitis	Alliance of Automobile Manufacturers	Alliance of Automobile Manufacturers
Susan Collet	Toyota	Coordinating Research Council (CRC)
David D'Onofrio	Atlanta Regional Commission	Association of Metropolitan Planning Organizations (AMPO)
Tim French	Engine Manufacturers Association (EMA)	EMA
Christopher Frey	North Carolina State University	North Carolina State University
Mike Geller	Manufacturers of Emission Controls Association (MECA)	MECA
John German	International Council on Clean Transportation (ICCT)	ICCT
Gil Grodzinsky	Georgia Department of Natural Resources	Association of Air Pollution Control Agencies (AAPCA)
Cecilia Ho	Federal Highway Administration (FHWA)	FHWA
Britt Holmen	University of Vermont	University of Vermont
Vernon Hughes	California Air Resources Board (CARB)	CARB
Joseph Jakuta	Ozone Transport Commission (OTC)	OTC
Mark Janssen	Lake Michigan Air Directors Consortium (LADCO)	LADCO
Chris Kite	Texas Commission on Environmental Quality	AAPCA
Jim Kliesch	Honda	Honda
David Lax	American Petroleum Institute (API)	API
Lubna Shoaib	East-West Gateway Council of Governments	AMPO
Matt Solomon	Northeast States for Coordinated Air Use Management (NESCAUM)	NESCAUM
Matthew Thornton	National Renewable Energy Laboratory (NREL)	NREL
Steven Vander Griend	ICM Inc.	Energy Future Coalition/Urban Air Initiative
Chris Voigt	Virginia Department of Transportation	Amer. Assoc. of State Highway and Transportation Officials (AASHTO)
Dale Wells	Colorado Department of Public Health and Environment	National Association of Clean Air Agencies (NACAA)
Chris Wolfe	Environmental Defense Fund (EDF)	EDF
Wei Zhang	Idaho Department of Environmental Quality	NACAA