



WORKSHOP ON HEAVY-DUTY FUEL EFFICIENCY REGULATIONS

April 29th, 2015
 India Habitat Centre (Jacaranda Room)
 Lodhi Road, New Delhi, India, 110003

Agenda

An international public workshop, co-hosted by PCRA and International Energy Agency, with speakers including experts from Japan, Korea, N. America, Europe, and India to discuss the development of fuel efficiency standards for heavy-duty vehicles (HDVs) globally, and implications for India.

9:00 – 9:30	Registration
9:30 – 9:40	Welcome and Introduction Mr. Nilkanth S. Avhad, IAS Director MoP&NG & Executive Director, PCRA
9:40 – 9:55	Inaugural Address Mr. Ajay Prakash Sawhney, IAS Addl. Secretary MoP&NG & Vice Chairman PCRA
09:55 - 10:45	Session 1: Energy Efficiency of Heavy-Duty Road Transport Vehicles – Global Regulatory Landscape Session Chair: Mr. Sandeep Poundrik, Joint Secretary(R), MoP&NG
10:00 - 10:10	Introduction/Background Mr. Pierpaolo Cazzola (<i>International Energy Agency</i>)
10:10 – 10:35	Heavy-duty vehicle technology potential around the world Dr. Ben Sharpe (<i>The International Council on Clean Transportation</i>)
10:35 – 10:45	Q&A and concluding remarks by Session Chair
10:45 – 11:15	Tea/Coffee Break
11:15 – 13:15	Session 2: Overview of current policy developments Session Chair: Dr. R.K. Malhotra
11:20 – 11:25	Overview of HDV standards globally Dr. Anup Bandivadekar (<i>The International Council on Clean Transportation</i>)
11:25 – 13:00	Examples of policy implemented and under development Country presentations: <ul style="list-style-type: none"> • <u>Japan</u>: Mr. Hisakazu Suzuki - National Traffic Safety and Environment Laboratory (NTSEL) • <u>European Union</u>: Mr. Dimitris Savvidis (<i>DG Climate Action</i>) • <u>Korea</u>: Mr. Hwan Jung Jung - Korea Energy Management Corporation (KEMCO) • <u>United States - California</u>: Ms. KimHeroy - Rogalski (<i>Air Resources Board</i>) • <u>Canada</u>: Ms. Joanna Bellamy (<i>Environment Canada</i>)
13:00 – 13:15	Q&A and concluding remarks by Session Chair
13:15 – 14:00	Lunch Break

14:00 – 16:20	Session 3: The Case of India Session Chair: Mr. Nitin Gokarn, CEO National Automotive Testing and R&D Infrastructure Project (NATRiP)
14:05 – 14:30	View of regulators – Underlying challenges and barriers Mr. Sumant Kumar (PCRA) Mr. Saurabh Diddi (Bureau of Energy Efficiency)
14:30 – 14:50	View of a technical service Mr. K Srinivas The Automotive Research Association of India (ARAI)
14:50 – 15:40	Views of OEMs <ul style="list-style-type: none"> • Mr. Ravishankar (<i>Ashok Leyland</i>) • Mr. Manfred Schukert (<i>Daimler</i>)
15:40 – 16:15	Views of suppliers <ul style="list-style-type: none"> • Dr. Anuradda Ganesh (<i>Cummins</i>) • Mr. Divya Kumar Tyagi (<i>Michelin</i>)
16:15 – 16:20	Q&A and concluding remarks by Session Chair
16:20 – 16:45	Tea/Coffee Break
16:45 – 17:30	Session 4: Roundtable discussion on the next steps Session Chair: Mr. Abhay Bakre
16:50 – 17:30	Panel
17:30 – 17:45	Vote of Thanks <i>Mr. Rajiv Mishra (PCRA)</i>

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