Workshop on reduction of particle emission from diesel vehicles, alternatives for Mexico City

La Quinta Colorada, Chapultepec Park
Pedro Antonio de los Santos and Constituyentes, Entrance at Puerta de Flores

Monday, 26 of September

Importance of the reduction of particle emissions and strategy for Mexico City
- Goals of PACC y PROAIRE / importance to health
- High emissions of black carbon and personal exposure due to particle pollution from buses
- Availability of clean technologies and clean fuels in Mexico City
- Technology exposition y particle measurement

8:30-9:00  Registration

9:00-9:45  Welcome
Miguel Ángel Mancera Espinosa, Mayor, Mexico City
Tanya Müller Garcia, Secretary of the Environment, Mexico City
Kate Blumberg, Senior Fellow of the International Council on Clean Transportation
Rodolfo Lacy Tamayo, Undersecretary of Planning and Environmental Policy, SEMARNAT
Guillermo Calderón Aguilera, Director General of Metrobús
Francisco Barnés, Executive Director of the Mario Molina Center
Chantal Chastenay, Minister Counselor of Canadian Embassy
Manuel Olivera, Regional Director for Latin America of C40 Cities

9:45-10:00  Break

10:00-10:30  Technology Roadmap for the Renovation of Sustainable Public Transport for Mexico City
- PROAIRE y PACC goals for Mexico City
- Characteristics of the current bus fleet
Dr. Antonio Mediavilla, General Director Air Quality Management, SEDEMA

10:30-11:00  Health and climate impacts & international best practices
- High exposure rates and global health impacts related to particle emissions from buses
- Climate impacts of black carbon
- International regulatory best practices
Kate Blumberg, Senior fellow, ICCT

11:00-11:30  Mexico City programs for the reduction of particle emissions from public transit and freight
- Program of environmental self-regulation
- Retrofit program for M1 y MetroBus
Candi Dominguez, Director of Sustainable Transport and Mobile Source Programs, SEDEMA

11:45-1:15  Low emissions fuels and technologies for buses and trucks
- General panorama regarding the state of the air technologies and fuels for buses
- Technologies available today and future outlook
- Infrastructure challenges (fuels, charging stations, maintenance services/facilities)
- Incremental costs, operating costs/savings, and global sales of clean vehicles
Panel of manufacturers: Cummins, Scania, Daimler, Volvo, Dina, BYD
Moderator: Candi Dominguez, SEDEMA

1:15-2:00  Retrofit options for the existing fleet
- Benefits of retrofit for vehicles in circulation
- Operation and maintenance requirements
- Costs, local examples, and global sales
Panel manufacturers: Bosch, ESW, Johnson Matthey, HUG
Moderator: Kate Blumberg, ICCT

2:00-3:30  Lunch

3:30-5:30  Exhibit of bus and freight vehicles and technologies
- Emissions testing in Euro III, Euro IV, Euro V, Euro VI, natural gas, retrofit, hybrid, and electric vehicles
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How to achieve our objectives?
- Successful examples of implementation of advanced technologies
- Expert panels:
  - Operator challenges
  - Financing opportunities
  - Options to advance: local policies and programs, possible incentives including financing, concession terms and other options

8:30-9:00 Registration
9:00-9:45 Presentation of measurement results of vehicles and technologies
  Candi Dominguez, SEDEMA
  Kate Blumberg, ICCT

9:45-10:15 Successful example of operation of new technologies in bus fleets
  Manuel Olivera, C40

10:15-10:30 Break
10:30-12:00 Operator panel: Technical and operating considerations for Mexico City
  Meinrad Signor, Swiss government contractor
  Laura Itzel Castillo, Movilidad 1
  Joel Ahumada Vargas, Corredor Insurgentes
  Gonzalo García Miaja, Metrobús
  Moderator: César Gálvez, SEDEMA

12:00-1:00 Financing panel: financing schemes and options
  Fabiola Gómez Brechtel, KFW
  Ray Minjares, ICCT
  Moderator: Kate Blumberg, ICCT

1:00-2:30 Lunch
2:30-3:30 Panel: Self-regulated fleets
  - Presentation of benefits from the Program of Self-Regulation
  - Presentation of commitments of companies to reduce emissions
  Company representatives Kimberly-Clark, Bimbo, La Costeña, FEMSA, PepsiCo
  Moderator: Rodrigo Perrusquia, SEMARNAT

3:30-4:30 Expert panel: How to advance in Mexico City
  Adriana Lobo, CTS Embarq México
  Alejandro Villegas, Centro Mario Molina
  Antonio Mediavilla, SEDEMA
  Laura Ballesteros, SEMOVI
  Moderator: Jorge Rocha, Metrobus

4:30-5:15 Panel: Replicating results in other regions
  - Presentation of programs for fleet renovation and improvement in the CAMe region
  - Opportunities for the adoption of common strategies in CAMe
  - Programs in Guadalajara
  Representatives in the states of CAMe and Guadalajara
  Moderator: Jorge Macías, CTS Embarq Mexico

5:15-5:30 Conclusions and close of workshop
  Dr. Antonio Mediavilla, General Director Air Quality Management, SEDEMA