

### Program

## STRATEGIES FOR MITIGATING AIR POLLUTION 18 & 19 January 2017, Mexico City

**Place: NH Centro Histórico,  
Palma, 42 Centro 06000 Ciudad de México**

**Wednesday, 18 January 2017**

<b>08:30</b>	<b>Registration</b>
<b>09:00</b>	<p><b>Working session 1: Air pollution in Mexico City, standards and real world emissions.</b></p> <p>Photochemical smog episodes are the primary air pollution health concern in Mexico City with ozone concentrations exceeding current health standards frequently in spring. NO<sub>x</sub> emissions from road transport and volatile organic compounds from many sectors drive ozone formation in the region. Winter particulate pollution alerts are also a problem, with emissions from a variety of sources including transport.</p> <p>The session will discuss measures to reduce vehicle emissions and ensure standards are met, including strategies to monitor vehicles on the road. Understanding the difference between the quantity of NO<sub>x</sub> and PM emitted in lab tests and on-road conditions is fundamental to designing effective measures.</p> <p><b>Moderator:</b> Stephen Perkins, Head of Research and Policy Analysis, International Transport Forum.</p> <ul style="list-style-type: none"> <li>• Overview of automotive air pollutant emissions in Mexico City (20 min).</li> <li>• <b>Norbert Ligterink, TNO</b> (video link) – Euro standards and real world emissions.</li> <li>• <b>Kate Blumberg, ICCT</b> –Tailpipe NO<sub>x</sub>, evaporative VOC and particulate emissions in real-world driving conditions (20 mins)</li> <li>• <b>Andreas C.R. Mayer</b> - Policy priorities to eliminate toxic emissions from urban traffic (20 mins)</li> <li>• <b>Gianni López, Centro Mario Molina, Chile (video link)</b> – Emerging issues with particulates from gasoline direct injection car engines, evidence from Santiago de Chile (20 min).</li> </ul> <p><b>Discussion</b> (40 min).</p>
<b>10:45</b>	<b>Coffee Break</b>
<b>11:00</b>	<b>Press Conference</b>
<b>11:40</b>	<p><b>Working Session 2: Improving inspection and maintenance systems and pollution monitoring.</b></p> <p>Reducing air pollution from in-use road vehicles requires a rigorous vehicle inspection and maintenance programme. Standards need to be uniform across the metropolis and enforced consistently. The administrative and concession/business model adopted needs to be designed to minimize incentives and opportunities for fraud. Design criteria from countries operating successful schemes will be reviewed.</p>

	<p><b>Moderator:</b> Jorge Kogan, Transport Senior Advisor, CAF.</p> <ul style="list-style-type: none"> <li>• <b>Allen Lyons, Air Pollution Specialist, California Air Resources Board</b> – California’s emissions control &amp; monitoring strategies (20 min)</li> <li>• <b>Nobutoshi Horie, Maintenance Service Division, Ministry of Land, Infrastructure, Transport and Tourism, Japan</b> – Vehicle inspection and maintenance system in Japan (20 min).</li> <li>• <b>Aliosha Reinoso, CAF</b> – Improvements of the inspection and maintenance system: experience in Santiago de Chile (20 min).</li> </ul> <p><b>Discussion</b> (40 min).</p>
<b>13:30</b>	<b>Lunch</b>
<b>14:30</b>	<p><b>Working Session 3: Technological approaches to measuring emissions and mitigating pollution.</b></p> <p>Innovation is an important aspect of the actions adopted by cities. Several measures focusing on the use of new technologies will be reviewed.</p> <p><b>Moderator:</b> Víctor Hugo Páramo, Instituto Nacional de Ecología y Cambio Climático (INECC).</p> <ul style="list-style-type: none"> <li>• <b>Leo Caroll, H.E.A.T</b> (video link) – Vehicle exhaust remote sensing devices, EDAR (20 min).</li> <li>• <b>Andreas Mayer, TTM</b> – Experience with DPF and GPF applications, first fit and retrofit in Europe, USA and emerging countries (20 min).</li> <li>• <b>Allen Lyons</b> – Effective technologies for mitigating emissions from light-duty vehicles (20 min).</li> <li>• <b>Olimpio de Melo, CAF</b> – A comprehensive policy&amp;technology strategy for mitigating emissions from heavy-duty vehicles in Brazilian urban centres (20 min).</li> </ul> <p><b>Discussion</b> (40 min).</p>
<b>16:10</b>	<b>Coffee Break</b>
<b>16:30</b>	<p><b>Working Session 4: Policies for managing freight and mechanisms for effective implementation.</b></p> <p>Some Mexican cities have introduced low emission zones, restricting car access to parts of the city to vehicles that meet recent emissions standards. In other countries LEZs have been phased-in for trucks and light duty commercial vehicles first. The session will look at international experience in designing and implementing LEZs and explore the potential for using such instruments in the Valle de Mexico. The session will address the potential of other actions to manage freight and the way in which LEZs have been incorporated into an integrated strategy for freight management in other cities.</p> <p><b>Moderator:</b> Sergio Sánchez, Clean Air Initiative.</p> <ul style="list-style-type: none"> <li>• <b>Claire Cheriyan, Transport for London, UK</b> – Freight transport management and low emission zones (20 min).</li> <li>• <b>Georg Schmid, GIZ</b> - LEZs in German cities and other incentives used to encourage the use of clean technologies in freight sector (20 min).</li> <li>• <b>Ulises Hernández, ICCT</b> –Key elements for implementing LEZs in Mexico (20 min)</li> </ul> <p><b>Discussion</b> (40 min).</p>
<b>18:30 hrs.</b>	<b>End</b> - informal dinner and networking

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<b>9:00 hrs.</b>	<p><b>Working Session 5: Restrictions on the use of vehicles: Alternate number plate and other restrictions on car use and ownership.</b></p> <p>Alternate number plate restrictions have been used in a number of cities and in many places supplemented or replaced with complementary measures. International experience on the strengths and weaknesses of such systems will be reviewed together with experience with flanking measures and replacement with alternative measures.</p> <p><b>Moderator:</b> Stephen Perkins, Head of Research and Policy Analysis, International Transport Forum.</p> <ul style="list-style-type: none"><li>• <b>Eduardo Vasconcellos, CAF</b> – Limits to conventional license plate schemes (20 min).</li><li>• <b>Valentino Sevino, Planning Director, Milan Mobility and Environment Authority (AMAT), Italy</b> – Charging scheme in Milan city centre 'AREA C' and other strategies in Milan (20 min).</li><li>• <b>Pan Haixiao, Tonjin University, Shanghai, China</b> - Air pollution crisis measures and traffic management in Shanghai &amp; Beijing (20 min)</li></ul> <p><b>Discussion</b> (40 min).</p>
<b>10:40</b>	<b>Coffee Break</b>
<b>11:00</b>	<p><b>Working Session 6: Comprehensive strategies to manage mobility and reduce air pollution.</b></p> <p>Effective air pollution mitigation strategies are composed of a number of policies and instruments. During pollution peaks many cities also implement additional measures. The panel will provide an overview of both air pollution mitigation strategies and measures targeting pollution peaks in selected cities.</p> <p><b>Moderator:</b> Jorge Kogan, Transport Senior Advisor, CAF.</p> <ul style="list-style-type: none"><li>• <b>Gustavo Manez, UNEP</b> - Air pollution mitigation strategies in major developing cities (20 min).</li><li>• <b>Hervé Levifve, Mairie de Paris, France</b> – Use of speed limits to mitigate pollution peaks and reallocation of road space (20 min).</li><li>• <b>Harvey Scordia CAF</b> – Free public transport as a measure for improving air quality (20 min).</li><li>• <b>Eduardo Vasconcellos, CAF</b> – Comprehensive mobility management policies (20 mins).</li></ul> <p><b>Discussion</b> (40 min).</p>
<b>13:30</b>	<b>Lunch</b>

<p><b>14:30</b></p>	<p><b>Working Session 7: Communication strategies.</b></p> <p>Communication of measures adopted is fundamental to gaining acceptability from citizens and stakeholders, facilitating implementation of strategies.</p> <p><b>Moderator:</b> Stephen Perkins, Head of Research and Policy Analysis, International Transport Forum.</p> <ul style="list-style-type: none"> <li>• <b>Aimée Aguilar Jaber, International Transport Forum</b> –Effective communication strategies (20 min)</li> <li>• <b>Claire Cheriyan, Transport for London, UK</b> – TfL’s communication strategies (20 min).</li> <li>• <b>Hervé Levifve, Mairie de Paris, France</b> – Gaining public acceptance for restricting car use (20 mins)</li> <li>• <b>Valentino Sevino, Planning Director, Milan Mobility and Env. Authority (AMAT)</b> – Communicating on the access charging scheme in the city centre ‘AREA C’and other strategies in Milan (20 min).</li> </ul> <p><b>Question and answer session</b> (40 min).</p>
<p><b>16:30</b></p>	<p><b>Coffee Break</b></p>
<p><b>16:50</b></p>	<p><b>Closing Remarks</b></p> <ul style="list-style-type: none"> <li>• <b>Stephen Perkins, Head of Research and Policy Analysis, International Transport Forum</b> – Opportunity areas for actions in Mexico City (20 min).</li> <li>• <b>Final round of comments from participants</b> (20 min)</li> <li>• <b>Closing remarks from the Ministry of Environment, SEDEMA, Mexico City</b></li> </ul>
<p><b>17:30</b></p>	<p><b>Closing networking session</b></p>

### Outline of the working methodology to be followed in the workshop

The purpose of the workshop is for regulators and policy makers in Mexico City and Mexico's national authorities to discuss air pollution mitigation strategies in depth with their peers in other major cities.

The objective is to provide insights into ways in which current policies and programmes for air pollution mitigation can be improved and/or modified on the basis of international experience. The workshop will be built around presentations and discussions led by experts on air pollution mitigation strategies in city administrations and research institutions in OECD and ITF member countries. Moderators will guide the discussions of the workings sessions.

A preliminary report summarising Mexico City's current policies and programmes, relevant national regulation, and key characteristics of Mexico City's context has been prepared as input. The report will be circulated in advance of the workshop with the intention that international participants are familiarised with existing policies and programmes and fully understand current challenges.

Key issues and challenges in each of the subjects addressed will be briefly summarised to open each of the working sessions. A number of international experts will then describe the implementation of policies and/or programmes that have been successful in moderating pollution. This will include policies not so far deployed in Mexico, policies similar to those so far developed in Mexico that have been modified or replaced to improve results, and policies that have not been implemented in Mexico but that could be considered. A moderated discussion between participating member of local authorities and institutions, and international experts will then focus on drawing conclusions on how the experience presented could be incorporated into the current strategy of the city and the ways in which national regulation could support this process.

A final report will provide a synthesis of the issues and discussions together with conclusions and recommendations for the authorities in Mexico City.