



**Tentative Agenda for the  
Regional Workshop on Transport Sector Inspection and Maintenance Policy in Asia  
*Improving Safety, Energy Efficiency and Air Quality*  
Bangkok, 10-12 December 2001**

**Sponsored by  
United Nations Department of Economic and Social Affairs  
United Nations Economic and Social Commission for Asia and the Pacific  
And in co-operation with  
Japan Automobile Research Institute**

**Day 1 (10 December 2001)  
INSPECTION AND MAINTENANCE PROGRAMMES:  
The HUMAN CAPITAL of TRANSPORT INFRASTRUCTURE**

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8:00 - 8:30 *Registration*

8:30 - 9:30 **Session 1: Introduction and Welcome**

*This session will consist of introductory presentations by ESCAP , UNDESA and JARI. Discussion will revolve around problems in the transport sector faced by policy makers in Asia and an overview of CSD-9 outcomes. I&M will be introduced as one potential solution and a means of regulating three branches of road travel issues: (a) road safety, (b) energy efficiency, (c) air quality. In addition, the goals of the conference will be discussed as well as the conference schedule, and distinguished speakers.*

- **Welcome and Introductory presentations by**
  - Martin Lentsch, Chief, Land Transport Section, TCTIDD/ESCAP
  - Kathleen Abdalla, Senior Economics Affairs Officer, DESA
  - Kiyoyuki Minato, Senior Researcher, JARI

9:30 - 10:30 **Session 2: Overview of Inspection and Maintenance Policy and Programmes**

*This session will consist of a Keynote Speech presenting the history, evolution and new directions in I&M policy. Issues introduced will include public vs. private facility operators, the capacity building challenge, involving fuels, safety and environmental stakeholders, obstacles in regulatory creation, building infrastructure, and public awareness.*

- **Overview of Inspection and Maintenance Policy and Programs - Asif**

- Faiz, World Bank*  
- ***Strengthening Inspection and Maintenance in Asia*** - Charles Melhuish,  
*Senior Transport Sector Specialist, Asian Development Bank*

10:30 - 11:00 *Coffee Break*

11:30 - 12:30 **Session 3: Lessons Learned in Asia and around the World**

*Representatives from each country will be invited to give presentations of successful I&M policies implemented in their own countries and to discuss goals and obstacles faced by each programme.*

- ***Building a Sustainable Transport in Asia*** - Masayoshi Tanashita, Chuo University
- ***I&M and Roadworthiness Programmes in Surabaya, Indonesia*** - Reinhard Kolke, German Federal Environmental Agency and Agus Harris, Head of the Traffic Division, City of Surabaya Communication Office
- ***Current I&M Practice and a future national I&M regulation of China*** - Fu Lixin and Ma Yongliang, Tsinghua University

12:30 - 2:00 *Lunch*

2:00 - 3:30 **Session 3 (continued): Lessons Learned in Asia and around the World**

*Representatives from each country will be invited to give presentations of successful I&M policies implemented in their own countries and to discuss goals and obstacles faced by each programme.*

- ***Technical Inspection and Maintenance system (Vietnam)*** - Pham Quang Thanh, Vice Director, Viet Nam Motor Vehicle Quality and Type Approval Center, Veit Nam Register
- ***Inspection and Maintenance for In-use Vehicles in India*** - Atanu Ganguli, Assistant Director, Society of Indian Automobile Manufacturers (SIAM)
- ***Transport Sector Technical Inspection and Policy in Nepal*** - P.K. Jha, Professor, Tribhuvan University, Nepal
- ***Vehicle Inspection in Malaysia*** - Aninuddin Ishal, Dept. of Environment, Ministry of Science, Technology and Environment, Malaysia

3:30 - 4:00 *Coffee Break*

4:00 - 5:30 **Session 4: How to Improve Inspection and Maintenance Policies**

*In this session, breakout groups will consider one aspect of Inspection and Maintenance policy making taking into consideration the following questions:*

- \* ***Group A - Legal Aspects:*** *Design a regulatory framework for I&M policy including how regulations would be set and enforced. What are the main issues to be considered? Who are the main stakeholders? What is the overlap with other issues being considered? (Moderator: Cornelius Huizenga, ADB)*

\* Group B - Technical Aspects: Design a plan for creation of proper infrastructure considering public vs. private operators and human infrastructure/capacity building. What are the main issues to be considered? Who are the main stakeholders? What is the overlap with other issues being considered? (**Moderator, Asif Faiz, World Bank**)

\* Group C - Fiscal Aspects: Design a financing plan for implementation of an Inspection and Maintenance programme. What are the main issues to be addressed in securing financing? Who are the stakeholders and what is their contribution? How does this overlap with other aspects being considered? (**Moderator: Ranjan Bose, TERI**)

\* Group D - Institutional Aspects: Design a plan for overcoming institutional barriers to implementation of I&M policies. What are the main issues to be considered? Who are the stakeholders and how can they be incorporated into implementation? What is the overlap with other aspects being considered? (**Moderator, Keiko Hirota, JARI**)

5:30 End of Day 1.

## **Day 2 (11 December 2001)**

### **Continuation of Conference: Designing Effective I&M Systems**

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8:30 - 10:30 **Session 5: Discussion: Challenges in Designing Inspection and Maintenance Policies:**  
*Each group will present their plans from Session 4 and discuss obstacles faced and variety of possible solutions. An open discussion of how to incorporate the four groups into a well-rounded I&M plan will follow.*

10:30 - 11:00 Coffee break

### **11:00 - 12:30 Session 6: Designing an Effective Certification Programme**

*Participants will be divided into four groups, each with the goal of designing a certificate programme for a specific type of vehicle (Group 1 will consider Private Passenger Vehicles, Group 2 will consider public and intermediate public transport (e.g. Buses, Taxis, and Three Wheelers), Group 3 will consider goods vehicles (e.g. Trucks and Heavy Duty Vehicles), Group 4 will consider private Scooters and Motorcycles). The groups will be asked to consider the following issues:*

- \* *Infrastructural issues (ie testing sites) and capacity building of technicians*
- \* *Standards setting, harmonisation, road map*

- \* *Test procedure, calibration of equipments, periodicity of I&M*
- \* *Quality Assurance - Audit*
- \* *Tax incentives to promote use of cleaner vehicles and fuels*
- \* *Banning of a technology versus performance based standards driven approach*
- \* *Manufacturing countries vis a vis non-manufacturing countries*
- \* *Cost of setting up an I&M facility*
- \* *Phase out of old vehicles*

12:30 - 2:00 Lunch

2:00-3:30 **Session 7: Discussion - Designing Effective Certification Programmes**

*Groups will reconvene to discuss outcome of discussions and share strategies/plans. Essential building blocks of certification programmes will be discussed and well as special needs of programmes targeting specific types of vehicles.*

3:30 - 4:00 Coffee break

4:00 - 5:30 **Session 8: Plenary Session - I&M and Environmental Policy**

*JARI will chair a panel of participants who will give brief presentations on incorporating I&M into environmental policy making. Discussion will follow.*

- ***I&M system from a point of environmental policy in Japan** - Keiko Hirota, JARI*
- ***Emission Regulations and Environment Policies in Nepal** - Anil Shankar Giri, ESM Consultant, Ministry of Population and Environment, Nepal*
- ***Environment Policy and Vehicle Inspection in Indonesia** - Martin Steckdaub and Restiti Sekartini, Swisscontact*
- ***I&M Programme in India** - Madhuri V. Marathe, Deputy Director, Automobile Research Association of India (ARAI)*

5:30 End of Day 2.

**Day 3 (12 December 2001)**  
**Regional Cooperation and Meeting Conclusions**

8:30 - 10:30 **Session 9: Plenary Session - I&M and Environmental Policy (cont.)**

- ***Environmental Policies in Thailand and their Effects** - Viroat Srisuranpanon and Chana Wanichapun, King Mongkut's University of Technology Thonburi*
- ***Environmental Policy in the Philippines Related to Road Transportation** - Crispin E.D. Diaz, Affiliate Associate Professor, National Center for Transportation Studies, University of the Philippines - Diliman*

- *State of Inspection and Maintenance Policy for Vehicles in India and Citizen Involvement* - Kisan Mehta and Priya Salvi, Save Bombay Committee
- *Ceylon German Technical Training Institute (CGTTI) experience with I&M Policy* - Opi Perera, CGTTI, Sri Lanka

10:00 - 10:30 *Coffee break*

10:30 - 11:30 **Session 10: Brainstorming on Regional Cooperation**

*UN DESA/ESCAP will chair a forum where participants will have the opportunity to introduce ideas for greater regional cooperation and harmonisation of standards. Concept project proposals may also be discussed in an effort to foster potential partnerships.*

*- The Clean Air Initiative for Asian Cities - Cornelius Huizenga, ADB*

11:30 - 1:00 **Final Discussion: Conclusions and Recommendations of the Meeting**

1:00 *End of Day 3.*