

INTERNATIONAL WORKSHOP in MOSCOW

SUSTAINABLE DEVELOPMENT OF URBAN TRANSPORT: CHALLENGES AND OPPORTUNITIES

7-8 June 2012
Moscow



Organized by

Scientific and Research Institute of Motor Transport (NIIAT)

in cooperation with the

United Nations Economic Commission for Europe,

World Health Organization (Regional Office for Europe) and

the Ministry of Transport of the Russian Federation

with financial support from

the Governments of Austria, France, Norway and Switzerland

The objective of the international THE PEP Workshop is to encourage transport, health and environment policymakers to work together in developing strategies and measures for sustainable and healthy urban transport. Participants will identify needs, challenges and opportunities to promote innovative policies and mobility management programmes that support environmentally friendly and healthy transport policies and improve urban livelihoods in Moscow and other large cities of the region. The overarching theme of the workshop is integrated policy approaches to sustainable urban transport in accordance with Priority Goal 2 of the Amsterdam Declaration.

The workshop is a part of THE PEP relay race (staffette) which consists of a series of international events in different countries. THE PEP relay race was launched in January 2009 in Amsterdam, followed by workshops in Pruhonice, Czech Republic (September 2009), Skopje, FYROM (June 2010), Batumi, Georgia (September 2010) and Kiev, Ukraine (June 2011). THE PEP relay race will come to an end in 2014 at Paris, France.

A representative of the city of Kiev will hand over THE PEP baton to the city of Moscow.

PROGRAMME

Wednesday, 6 June 2012

- Arrival of participants
- Transfer to hotel

Thursday, 7 June 2012

08:30 - 09:30 Registration (NIIAT headquarter)

09:30 – 10:15

OPENING

Welcome addresses

- Mr. Nikolay Asaul, Deputy Minister of Transport, Russian Federation
- Mr. Philippe Maler, Chairman of THE PEP, Inspector General, Ministry of Ecology, Sustainable Development and Energy, France
- Ministry of Health and Social Development, Russian Federation
- Ministry of Natural Resources, Russian Federation
- Government of Moscow
- Ms. Eva Molnar, Director, UNECE Transport Division
- Ms. Francesca Racioppi, Senior Policy and Programme Advisor, Environment and Health Governance, World Health Organization- Regional Office for Europe
- Mr. Jose Luis Irigoyen, Director for Transport, Water and Information and Communication Technology Department, the World Bank
- Mr. Igor Titov, Director General, Scientific and Research Institute of Motor Transport (NIIAT)

Passing THE PEP baton from Kiev to Moscow

10:15 – 11:45

SESSION I

KEY ISSUES AND CHALLENGES FOR SUSTAINABLE URBAN MOBILITY IN THE RUSSIAN FEDERATION

Ensuring or even regaining mobility in large cities is an increasingly challenging task for city administrations and national Governments. What are the key issues and challenges for transport planners in Russian cities in the fields of infrastructure, private vehicles, public transport, legislation and institutional cooperation to address transport, environment and health in a comprehensive manner?

Moderator: Mr. Nikolay Asaul, Deputy Minister of Transport, Russian Federation

- **Achieving sustainable transport in Russian cities: Issues, challenges and risks**
Dr. Vadim Donchenko, First Deputy Director General, Chief Research Manager (NIIAT)
- **Challenges and achievements in sustainable urban mobility in the Russian Federation**
Representatives of 3 large Russian cities:
 - Dr. Elena Borovik , Head of Department, Research and Planning Institute of Moscow General Layout (Moscow)
 - Prof. Vladimir Ziryanov, Head Department, Rostov-on-Don State Construction University (Rostov-on-Don)
 - Dr. Alexey Bakirey, Chairman, Committee on Transport and Transit Policy of St. Petersburg Government (St. Petersburg)

Questions from the floor and discussion

11.45- 12.00

Coffee break

12:00 – 13:00

SESSION II

ENVIRONMENTAL AND HEALTH IMPACT OF MOTOR TRANSPORT IN CITIES: HOW TO MEASURE AND ADDRESS THESE ISSUES?

An ever increasing part of our populations live and work in urban areas. At the same time, motor traffic is increasing in many cities at an alarming rate. Growing air pollutants and noise emissions from private car, taxi and bus transport endanger the environment and are a threat to the well being and health of those living in such an environment. How to identify and measure such local threats? What policy measures can be taken in the short and long-term to mitigate such risks to the environment and our citizens?

Moderator: Mr. Mikhail Kokine, Chief of the Section, UNECE Environment Division

- **Reducing the environmental and health impact of motor transport: Experiences of Moscow**
Dr. Eugenia Semutnikova, Director, The State Environmental Budget Enterprise “Mosecomonitoring” (City of Moscow)
- **Methods and models to estimate the impact of transport on health and the environment in cities**
Dr. Pierpaolo Mudu, Technical Officer, WHO European Centre for Environment and Health, Bonn (Germany)
- **Urban mobility in large cities: Challenges and lessons learned from previous THE PEP workshops**
Mr. Philippe Maler, Chairman of THE PEP, Director of Department, Ministry of Ecology, Sustainable Development, Transport and Housing (France)

Questions from the floor and discussion

13:00 – 14.00

Lunch

14:00 – 16:00

SESSION III

HOW TO PLAN AND MANAGE TRANSPORT FOR ATTRACTIVE, SUSTAINABLE, AND LIVABLE CITIES ?

“Attractive” cities need efficient and seamless transport systems that provide unhindered access for all citizens to work and constitute the basis for economic success and competitiveness. “Sustainability” is the goal to achieve the right balance between social, economic, environmental and health objectives. “Livability” embraces factors that have a direct impact on individuals’ lives, including safe and uncongested streets and people-focused environment. What collaboration in urban and transport is required among Governments, city administrations, businesses and civil society to achieve such ambitious goals? What makes people change their behavior and how can the context be created in order to make this happen.

Moderator: Dr. Vadim Donchenko, First Deputy Director General, Chief Research Manager (NIIAT)

- **Urban traffic management - best practices in solving congestion problems**
Ms. Muriel Mariotto, Project Officer, Ministry of Ecology, Sustainable Development, Transport and Housing (CERTU) (France)

- **New strategies in Urban Transport Planning and Livable Street design**
Prof. Einar Lillebye, Chief Architech, Norwegian Directorate for Transport (Norway)
- **Strategies and Policy/Technology for Sustainable and Resilient Land Use and Transport – International Comparisons**
Prof. Dr.-Eng. Yoshitsugu Hayashi, Director, International Research Centre for Sustainable Transport and Cities, Graduate School of Environmental Studies, Nagoya University (Japan)
- **New York`s Sustainable Streets**
Ms. Linda Bailey, Federal Programs Adviser, Department of Transport, New York City (USA)
- **Promoting urban mobility management from a national perspective: Good governance show case Austrian klima:aktiv mobil program**
Mr. Robert Thaler, Head of Division, Federal Ministry of Agriculture, Forestry, Environment and Water Management (Austria)
- **Transport demand management, traffic restrictions and parking management**
Mr. Manfred Breithaupt, Transport and Mobility Division (GIZ) (Germany)

Questions and answers - Discussion

16:00 – 16:15

Coffee break

16:15 – 18:15

SESSION IV

NEW TECHNOLOGIES TO ACHIEVE SUSTAINABLE TRANSPORT IN CITIES

Sustainable transport systems must be safe, simple to use, fast and affordable. Modern technologies allow better management, safety, flexibility and transparency in the operation of public transport and increase capacity without major investments in infrastructure and rolling stock. They also allow for tailor-made solutions for individual transport needs of vulnerable user groups and during off-peak hours. How can we reap the potential of such technologies? What is needed to reach out to new users with modern technologies, including the Internet? How to assist private car and public transport drivers do to reduce accidents and emissions?

Moderator: Ms. Eva Molnar, Director, UNECE Transport Division

- **Intelligent transport systems as a tool to improve traffic management and increase traffic safety**
Mr. Vincent Blervaque, Director of Development and Deployment, ERTICO - ITS Europe, Chairman of International Programme Committee Vienna 2012 ITS World Congress
- **Electric multimobility (trains, buses, cars, scooters and bikes): The Austrian e-mobility model regions**
Dr. Peter Wiederkehr, Policy Advisor, Federal Ministry of Agriculture, Forestry, Environment and Water Management (Austria)
- **Development of efficient ITS in cities and regions**

Prof. Vyacheslav Prichodko, Corresp.Member of the Russian Academy of Science, Rector of the Moscow Automobile and Road Construction State Technical University (Moscow, Russia)

Prof. Sultan Zhankaziev, the Moscow Automobile and Road Construction State Technical University (Moscow, Russia)

- **ECO-Grad: ITS for urban mobility and sustainable cities**
Mr. Vladimir Kryuchkov, CEO, ITS-Russia

Questions and answers - Discussion

19:00 – 22:00

**EXCURSION TO THE TECHNICAL MUSEUM
DINNER ON BEHALF OF THE HOST PARTY**

Friday, 8 June 2012

9:30 – 11:15

SESSION V

PUBLIC TRANSPORT AS AN ATTRACTIVE ALTERNATIVE TO PRIVATE CARS: HOW TO INTEGRATE PUBLIC TRANSPORT INTO SEAMLESS URBAN TRAVEL?

Public transport systems (metros, trams, buses, etc.) must be designed as an integral part of door-to-door mobility for business, education, shopping and leisure. They must be attractive in terms of, safety, speed, reliability, comfort and affordability to all, including the elderly and children. How can we organize urban and suburban public transport systems (operation and infrastructure) so as to minimize effort and time at transfer points and promote cycling and walking?

Moderator: Ms. Mary Crass, Head of Policy and Summit Preparation (International Transport Forum)

- **Public transport in Central Asia: Best practices from Almaty**
Ms. Yelena Yerkovich, Project Manager, “City Almaty Sustainable Transport” (CAST), UNDP Kazakhstan
- **Improving urban transport systems in the Russian Federation**
Mr. Jose Luis Irigoyen, Director for Transport, Water and Information and Communication Technology Department the World Bank
- **Efficient urban transport and public transport systems: Optimized door-to-door transport chains**
Mr. Dominik Brühwiler, Head of Transport Planning, Zurich Traffic Management Holding (ZVV) (Switzerland)
- **How to plan and manage efficient bus rapid transit systems**
Dr. Manfred Breithaupt, Senior Transport Advisor, GIZ GmbH (Germany)

Questions and answers – Discussion

11:15 – 11:30

Coffee break

11:30 – 12:45

SESSION VI

WALKING AND CYCLING AS AN INTEGRAL PART OF TRANSPORT AND URBAN DEVELOPMENT PLANNING?

Safe, comfortable and accessible pedestrian and cycling infrastructures that are well connected and accessible to public transport services make city centres livable and attractive. It leads to a reduction in traffic accidents and congestion, lowers urban noise and air pollution and contributes to less greenhouse gas emissions. Walking and cycling also contributes to public health and individual fitness. How can we achieve that walking and cycling in urban areas is accepted as an integral part of transport and urban development planning on an equal level with public transport and private car traffic?

Moderator: Mr. Philip Maler, Chairman of THE PEP, Inspector General, Ministry of Ecology, Sustainable Development and Energy, France

- **Health benefits of walking and cycling (HEAT)**
Ms. Francesca Racioppi, Senior Policy and Programme Advisor, Environment and Health Governance, World Health Organization- Regional Office for Europe
- **Cycling as an element of urban mobility: Financing of cycling infrastructure**
Mr. Minze Anne Walvius (HoD), Advier B.V. (the Netherlands)
- **The Austrian Cycling Masterplan and E-bike Boom: synergies through local and national programs and strategies**
Mr. Helmut Koch, Managing Director, Traffic Planning, Komobile Gmunden GmbH

Questions and answers - Discussion

12:45 – 14:00

SESSION VII

HOW TO INCREASE THE ENVIRONMENTAL PERFORMANCE OF THE VEHICLE FLEET AND FUELS IN CITIES ?

An increase in the environmental performance of private cars, taxis and buses and, in parallel, better quality of gasoline and diesel is particularly important for motor vehicles entering and driving in densely populated urban areas and city centers. What type of technological solutions exist to achieve such objectives rapidly? What are the required policy measures, regulations and incentives to ensure a smooth, quick and inexpensive introduction of such technologies? How can the population be convinced to accept such technologies and to use them effectively?

Moderators: Ms. Mary Crass, Head of Policy and Summit Preparation (International Transport Forum)

- **Modern environmental requirements for motor vehicles and fuels**
Mr. Lennart Erlandsson, Senior Consultant, AVL MTC (Sweden)
- **How to make motor fleet more clean and efficient?**
Ms. Elisa Dumitrescu, Consultant, United Nations Environment Programme (UNEP)
- **Introduction of environmentally friendly vehicles and fuels in Russian cities (incl. alternative fuels and energy sources)**
Manufacturers of buses, electric vehicles and electric bikes, gas equipment for motor vehicles, exhaust treatment of old vehicles, etc.
- **Eco-driving: Austrian eco-driver training campaigns and EU Ecowill project**

Mr. Robin Krutak, Project Manager, Austrian Energy Agency (Austria)

Questions and answers – Discussion

14:00 – 14:30

RECOMMENDATIONS AND CONCLUSIONS

Adoption of recommendations (action points for policy makers)

Moderator: Mr. Igor Titov, Director General (NIIAT)

14:30 – 15.30

Lunch

15:30 – 18.30

Technical visit

SITUATION CENTER OF MOSCOW METRO

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