

# THE PEP

Transport, Health  
and Environment  
Pan-European Programme



UNECE



World Health  
Organization  
REGIONAL OFFICE FOR  
Europe



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*Draft of Programme of the International Conference*

***«Looking for Synergy: Integrating Transport, Urban  
Planning and the Use of Traffic Management Methods to  
Ensure Sustainable Mobility and Healthy Urban  
Environment»***



***at the deepest and cleanest Lake in the World***

**Irkutsk National Research Technical University,  
Lermontova str., 83**

**10-12 September 2015, Irkutsk, Russian Federation**

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## The objective of the Conference

*The adverse impacts of transport in dense urban environments are among the most serious challenges faced by administrations of big and small cities alike. In the Russian Federation, it is estimated that the annual socio-economic damage associated with traffic jams and the worsening of environmental conditions due to mobile sources of emissions reaches 5-7 % GDP.*

*Traditional approaches on mitigating these impacts are often oriented towards isolated and uncoordinated measures prioritizing road infrastructure development, improvement of public transport and limited implementation of traffic management solutions. Due to their fragmented nature, in many cases these solutions do not achieve the desired results under conditions of uncontrolled growth of transport demand. So it becomes imperative to implement effective urban transport systems planning which is oriented on achievement of sustainable urban transport policy goals and based on searching of rational balance between transport demand and supply with the use of the most efficient and safe modes of transport.*

*The international Conference “Looking for Synergy: Integrating Transport, Urban Planning and the Use of Traffic Management Methods for Ensuring Sustainable Mobility and Healthy Urban Environment” is organized in the framework of THE PEP Annual Workshop (relay race) series and it is the first action in implementation of the Partnership on integration of transport, health and environment issues in urban and spatial planning (Paris Goal 5). The main goal of this Conference is to bring together national and international experts with the aim of promoting the exchange of ideas, experience, knowledge and best practices in the field of sustainable urban transport planning and mobility management in cities.*

*In this context, it is proposed to organize the discussions of the workshop along the following thematic areas and issues:*

- *role and place of national authorities in urban transport problems solution;*
- *the use of modern methods and means of traffic management as an instrument for transport demand and road network capacity management;*
- *ensuring co-ordination between town-planning and transport policies;*
- *the use of different methods and means of transport demand management including introduction of restrictions on the use and traffic of some categories of vehicles;*
- *development of non-motorized kinds of travel (cycling, walking) as separate urban transport modes.*

*The underlying idea of the Conference Agenda is improvement of urban transport systems` safety for public health and the environment, rise of urban population quality of life by optimization of transport policy and transport solutions.*

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10 September 2015

Time	Event
08.00-9.00	<b>Registration</b>
09.00-09.15	<p><b>Official Opening of the Conference.</b> Welcoming addresses:</p> <ul style="list-style-type: none"> <li>- <b>Dr. Vladimir Lugovenko</b>, Deputy Director of the Department of State Policy in the Field of Motor and Urban Passenger Transport of the Ministry of transport of the Russian Federation;</li> <li>- <b>Prof. Alexander Afanasiev</b>, Acting Rector of the Irkutsk National Research Technical University;</li> <li>- <b>George G. Georgiadis</b>, Secretary, Inland Transport Committee, Sustainable Transport Division, United Nations Economic Commission for Europe;</li> <li>- <b>Alexey Vasilkov</b>, CEO, JSC «Scientific and Research Institute of Motor Transport»;</li> <li>- <b>Dmitry Berdnikov</b>, Major of Irkutsk.</li> </ul>
09.15-09.30	<p>«<b>The Transport, Health, Environment Pan-European Program (THE PEP): new landmarks which were initiated by Paris Declaration 2014 (Goal 5)</b>»</p> <ul style="list-style-type: none"> <li>- <b>Ms. Ivonne Higuero</b>, Chief, Operational Activities and Review Section, UNECE</li> </ul>
09.30-09.40	<b>Ceremony of Relay Baton Transfer from Kaunas to Irkutsk</b>
09.40-13.00	<p><b>Session 1. Sustainable Development of Urban Transport Systems: Role of State Authorities in Tackling Urban Transport Problems</b> <i>During this Session the following issues will be considered:</i></p> <ul style="list-style-type: none"> <li>- vision of transport not only as a key element of sustainable development but at present also as a significant source of negative effects and problems at urban level;</li> <li>- role of national, regional and local authorities of the three sectors in solving urban transport problems;</li> <li>- legislative and regulatory frameworks for integration of transport, urban planning, environmental and health policies;</li> <li>- best practice of implementation of administrative and economic instruments to ensure sustainable mobility.</li> </ul>

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	<p><b>Co-moderators:</b></p> <ul style="list-style-type: none"> <li>- <b>Prof. Michael Blinkin</b>, Director of the Institute of Transport and transport policies, the HSE (Russia);</li> <li>- <b>Igor Titov</b>, CEO, ANO «The United Transport Directorate» (Russia).</li> </ul>
09.40-10.10	<p>«The role and place of government regulation in decision of the problems of ensuring the sustainability of urban transport systems in the Russian Federation»</p> <ul style="list-style-type: none"> <li>- <b>Dr. Vadim Donchenko</b>, Scientific Director, JSC «NIIAT»(Russia);</li> <li>- <b>Dr. Vladimir Lugovenko</b>, Deputy Director of the Department of State Policy in the Field of Motor and Urban Passenger Transport of the Ministry of transport of the Russian Federation (Russia).</li> </ul>
10.10-10.40	<p>«Sustainable urban transport: getting the right conditions in place»</p> <ul style="list-style-type: none"> <li>- <b>Mr. Guido Bruggeman</b>, Independent Urban Transport Consultant (the Netherlands)</li> </ul>
10.40-11.00	<p>«Challenges and opportunities in ensuring sustainable urban mobility: a comparative view»</p> <ul style="list-style-type: none"> <li>- <b>George G. Georgiadis</b>, Secretary, Inland Transport Committee, Sustainable Transport Division, United Nations Economic Commission for Europe</li> </ul>
11.00-11.20	<p>«Shaping health-oriented mobility : coordination and incentive»</p> <ul style="list-style-type: none"> <li>- <b>Mrs. Annette Gogneau</b>, Head of Unit ,Ministry of ecology, sustainable development and energy (France)</li> </ul>
11.25-11.30	Coffee-break
11.30-11.50	<p>«The new focus on energy saving model regions, new funding offers, results and achievements and good practice examples:National Support for Green Urban Mobility Austrian Showcase klimaaktivmobil Program»</p> <ul style="list-style-type: none"> <li>- <b>Mr. Robert Thaler</b>, Head of Division, Federal Ministry of Agriculture, Forestry, Environment and Water Management (Austria)</li> </ul>
11.50-12.10	<p>«Mode choice and energy efficiency in cities»</p> <ul style="list-style-type: none"> <li>- <b>Mr. Andreas Kopp</b>, Lead Economist, World Bank</li> </ul>
12.10-12.20	<p>«The German Partnership for Sustainable Mobility – Supporting global collaboration for a sustainable transport sector development»</p> <ul style="list-style-type: none"> <li>- <b>Mathias Merforth</b>, Transport Policy Advisor at GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit), Secretariat of the German Partnership for Sustainable Mobility (GPSM) (Germany)</li> </ul>

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12.20-12.40	<p>«Conception of the sustainable development of the transport system as a tool for creation of a comfortable urban environment and ensuring high environmental standards in Irkutsk»</p> <ul style="list-style-type: none"> <li>- <b>Sergey Aleksandrov</b>, Acting head the department of architecture and town planning (the chief architect of the city), committee on urban policy administration of the city of Irkutsk (Russia)</li> </ul>
12.40-13.00	Panel discussion
13.00-14.00	Lunch
14.00-17.20	<p><b>Session 2. Development of Non-motorized Modes of Transportation in Cities as an Alternative for Motor Transport Use</b></p> <p><i>During this Session the following issues will be considered:</i></p> <ul style="list-style-type: none"> <li>- role of non-motorized transport in realization of sustainable urban policy;</li> <li>- main health and environmental effects of walking and cycling in cities; methods of estimation;</li> <li>- methods of organization of cycling and walking traffic on cities, best practice and examples.</li> </ul> <p><b>Co-moderators:</b></p> <ul style="list-style-type: none"> <li>- <b>Prof. Yuri Trofimenko</b>, Head of Technosphere Safety Department, Moscow State Automobile and Road Technical University (MADI), Vice-President of the Russian Academy of Transport (Russia);</li> <li>- <b>Christian Schweizer</b>, Technical Officer, World Health Organization.</li> </ul>
14.00-14.20	<p>«Unlocking the value of walking and cycling for health»</p> <ul style="list-style-type: none"> <li>- <b>Mr. Christian Schweizer</b>, Technical Officer, World Health Organization</li> </ul>
14.20-14.40	<p>«Presentation on THE PEP Partnership on Cycling Promotion and its objectives, workpackages, planned results and deliverables»</p> <ul style="list-style-type: none"> <li>- <b>Mr. Robert Thaler</b>, Head of Division, Federal Ministry of Agriculture, Forestry, Environment and Water Management (Austria)</li> </ul>
14.40-14.50	Panel discussion
14.50-15.10	<p>«Promotion actions on Non - Motorized transport in some different cities (Latin America, Europe USA) and role of national and local governments in implementation»</p> <ul style="list-style-type: none"> <li>- <b>Mr. Ton Dagers</b>, General Director, IBC-Mobilization (the Netherlands)</li> </ul>

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15.10-15.30	«The development of Cycling Promotion in Irkutsk for reduce the effectiveness of transport systems of the city» - <b>Irina Iftodiy</b> , Project coordinator, Irkutsk Cycling Union (Russia)
15.30-15.50	Coffee-break
15.50-16.30	«Promoting cycling and walking: the French plan» - <b>Mrs. Annette Gogneau</b> , Head of Unit, Ministry of ecology, sustainable development and energy (France)
16.30-16.50	«Promotion of cycling practices in Chisinau, Republic of Moldova» - <b>Ion Salaru</b> , Deputy Director, National Center of Public Health (Republic of Moldova)
16.50-17.10	«The perspectives to promote active mobility in Georgia» - <b>Manana Juruli</b> , Main Specialist, N. Makhviladze S/R Institute of labour Medicine and Ecology (Georgia)
17.10-17.30	Common discussion
19.00-22.00	Reception on behalf of organizers

11 September 2015

Time	Event
09.00-13.30	<p><b>Session 3. Application of Modern Traffic Management Methods for Optimization of Urban Road Networks Use and Transport Demand Management</b></p> <p><i>During this Session the following issues will be considered:</i></p> <ul style="list-style-type: none"> <li>- role and place of traffic management in sustainable urban transport policy;</li> <li>- main directions of traffic management (traffic engineering, traffic control);</li> <li>- how effective traffic management may influence transport demand and reduce the need to expand road infrastructure;</li> <li>- best practice of traffic management solutions (practical examples);</li> <li>- effectiveness of traffic management solutions as concern delays, environmental and health effects, safety;</li> <li>- ITS implementation;</li> <li>- use of modern methods of urban surface public transport traffic</li> </ul>

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	<p>management.</p> <p><b>Co-moderators:</b></p> <ul style="list-style-type: none"> <li>- <b>Konstantin Ponomarev</b>, Referent, Friedrich Ebert Foundation in Russia, subsidiary in Novosibirsk (Russia);</li> <li>- <b>Mr. Alexey Bakirey</b>, Director of the Department of State Policy in the Field of Motor and Urban Passenger Transport of the Ministry of transport of the Russian Federation (Russia).</li> </ul>
09.00-09.20	<p>«The Actual questions of development of methodological support of MTM»</p> <ul style="list-style-type: none"> <li>- <b>Prof. Alexander Mikhailov</b>, Professor of Transport Management and Logistic Department of Irkutsk National Research Technical University (Russia)</li> </ul>
09.20-09.40	<p>« ITS implementation in France»</p> <ul style="list-style-type: none"> <li>- <b>Mr. Stanislas Henrion</b>, Transport Counselor, the French Embassy in the Russian Federation</li> </ul>
09.40-10.00	<p>«German ITS-Solutions: Traffic management - research works and practical solutions»</p> <ul style="list-style-type: none"> <li>- <b>Prof. Uwe Plank-Wiedenbeck</b>, Bauhaus-Universitaet in Weimar (Germany);</li> <li>- <b>Dipl.-Ing. Raimo Harder</b>, Bauhaus-Universitaet in Weimar (Germany)</li> </ul>
10.00-10.10	<p><b>Panel discussion</b></p>
10.10-10.30	<p>«Using Information from Connected Cars and other GPS/Cellular Devices to Provide Superior Insight for Smart Traffic Management, Advanced Urban &amp; Mobility Planning and Sustainable cities»</p> <ul style="list-style-type: none"> <li>- <b>Mr. Leon Rizzi</b>, VP - EMEA Region, INRIX (Italy)</li> </ul>
10.30-10.50	<p>«Integrated Traffic Management Schemes as Documents which ensure coordination between town-planning and transport policies of municipal districts administrations (example of Moscow Region)»</p> <ul style="list-style-type: none"> <li>- <b>Yevgeny Litvin</b>, CTO, "Corporation" Stroy Invest Project M " (Russia)</li> </ul>
10.50-11.10	<p>«Ramp Metering - a solution to reduce traffic jams on urban motorways»</p> <ul style="list-style-type: none"> <li>- <b>Mr. Rainer Lehmann</b>, Head of Division, BAST (Germany)</li> </ul>

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11.10-11.20	<b>Panel discussion</b>
11.20-11.40	<b>Coffee-break</b>
11.40-12.00	<p>«Software solutions in road safety (data recording and management as well as accident evaluation in road network context)»</p> <ul style="list-style-type: none"> <li>- <b>Mr. Karsten McFarland</b>, Director, PTV AG (Germany)</li> </ul>
12.00-12.20	<p>«Towards Intelligent Management of Urban Road Traffic - an Overview of Global Best Practices and Future Trends»</p> <ul style="list-style-type: none"> <li>- <b>Mr. Tom Voegelé</b>, Transport Analyst, OECD/ International Transport Forum</li> </ul>
12.20-12.40	<p>«Tackling of transport problem and creation of healthy urban environment in the framework of Moscow Region`s executive bodies powers in the field of town planning »</p> <ul style="list-style-type: none"> <li>- <b>Igor Siynov</b>, Head of the development of road transport infrastructure, The Ministry of Transport of the Moscow Region (Russia)</li> </ul>
12.40-13.00	<p>«A comprehensive transport plan as a tool for the effective management of the city»</p> <ul style="list-style-type: none"> <li>- <b>Sergey Gavrilov</b>, Senior Project Manager, the company "AECOM"(Russia)</li> </ul>
13.00-13.15	<p>«Traffic management in urban areas based on identification of energy efficacy and environmental performance of vehicles»</p> <ul style="list-style-type: none"> <li>- <b>Yliy Kunin</b>, Head of the research department «Environmental Security and Sustainable Transport», JSC «NIIAT» (Russia)</li> </ul>
13.00-13.30	<b>Panel discussion</b>
13.30-14.30	<b>Lunch</b>
14.30-18.00	<p><b>Session 4. How to Ensure Coordination Between Town-planning and Transport policies: best Practice and Possibilities of its Use in Russia and other NIS</b></p> <p><i>During this Session the following issues will be considered:</i></p> <ul style="list-style-type: none"> <li>- ways and methods of integration of town-planning and transport policies at urban level;</li> <li>- institutional and legal bases for such an integration;</li> <li>- role of effective town-planning in reduction of transport demand;</li> <li>- parking policies in urban areas.</li> </ul> <p><b>Co-moderators:</b></p>

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	<ul style="list-style-type: none"> <li>- <b>Mr. Robert Thaler</b>, Head of Division, Federal Ministry of Agriculture, Forestry, Environment and Water Management (Austria);</li> <li>- <b>Dr. Vadim Donchenko</b>, Scientific Director, JSC «NIAT» (Russia).</li> </ul>
<b>14.30-15.00</b>	<p><b>“Congestion, Environment and Health as A Result of Land Use – Transport Interaction: Theories, Policies and Best Practices for Solutions”</b></p> <ul style="list-style-type: none"> <li>- <b>Prof. Yoshitsugu Hayashi</b>, Full Member of Club of Rome, President of WCTRS (World Conference on Transport Research Society), Director of Education and Research Center for Sustainable Co-Development, Nagoya University (Japan)</li> </ul>
<b>15.00-15.20</b>	<p><b>«New technologies to assess the performance and accessibility of public transport and how this can be used in integrated transport and urban planning»</b></p> <ul style="list-style-type: none"> <li>- <b>Mrs. Jung Eun Oh</b>, Senior Transport Economist, World Bank</li> </ul>
<b>15.20-15.40</b>	<p><b>«The new concept of energy saving land use and urban planning - on the concept and steps for implementation including illustrative urban examples like the new planned and now build district "LakeCity" in Vienna»</b></p> <ul style="list-style-type: none"> <li>- <b>Mr. Helmut Koch</b>, CEO, Komobile Gmunden GmbH (Austria)</li> </ul>
<b>15.40-16.00</b>	<p><b>«Experience with designing the green corridor in Almaty. The challengers of integration of transport infrastructure»</b></p> <ul style="list-style-type: none"> <li>- <b>Mrs. Elena Erzakovich</b>, Manager of the project UNDP/GEF "Sustainable transport in Almaty" (Kazakhstan)</li> </ul>
<b>16.00-16.20</b>	<b>Panel discussion</b>
<b>16.20-16.30</b>	<b>Coffee-break</b>
<b>16.30-16.50</b>	<p><b>«Contracts between Transport Authorities and Urban Planning Authorities (contrats d'axe)»</b></p> <ul style="list-style-type: none"> <li>- <b>Mrs. Annette Gogneau</b>, Head of Unit, Ministry of ecology, sustainable development and energy (France)</li> </ul>
<b>16.50-17.10</b>	<p><b>«City Transportation Networks Governance: Sustainability Aspects»</b></p> <ul style="list-style-type: none"> <li>- <b>Prof. Alexei Tikhomirov</b>, Professor of Inha University (ROK)</li> </ul>
<b>17.10-17.30</b>	<p><b>«Methodological problems of inventory of greenhouse gases emission and economic estimation of proper damage when reasoning of legal and institutional instruments for integration of transport, urban planning, environmental and health issues (by example of UNDP-GEF Project «Reduction of greenhouse gases emission from motor transport in</b></p>

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	<p><b>Russian cities»»»</b></p> <ul style="list-style-type: none"> <li>- <b>Prof. Yuri Trofimenko</b>, Head of Technosphere Safety Department, Moscow State Automobile and Road Technical University (MADI), Vice-President of the Russian Academy of Transport (Russia);</li> <li>- <b>Nikolay Kharitoshkin</b>, Project Manager, Project of UNDP/GEF — Ministry of Transport of the Russian Federation «Reducing GHG emissions from road transport in Russia's medium-sized cities» (Russia)</li> </ul>
17.30-17.50	<p>- <b>Solutions to reduce air pollution and to reach the objective of COP 21</b></p> <ul style="list-style-type: none"> <li>- <b>Mrs. Annette Gogneau</b>, Head of Unit, Ministry of ecology, sustainable development and energy (France);</li> <li>- <b>Mr. Stanislas Henrion</b>, Transport Counselor of the French Embassy in the Russian Federation</li> </ul>
17.50-18.10	<b>Final discussion and adoption of Conference Final Document</b>
19.00-21.00	<b>Buffet dinner on the occasion of the end of the Conference</b>

12 September 2015

**Excursion to the Lake Baikal** (paid by participants)

Time	Event
09.30-20.00	Meeting of the participants of the Baikal excursion; travel by bus to the port; excursion by ship along the lakeside.
20.00-21.00 (approximately)	Return to Irkutsk.

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