

THE PEP

Transport, Health
and Environment
Pan-European Programme



Government of Kazakhstan



City of Almaty



Empowered lives.
Resilient nations.

SUB-REGIONAL WORKSHOP

GREEN AND HEALTH-FRIENDLY SUSTAINABLE MOBILITY: FOCUS ON URBAN CENTRAL ASIA

26 - 27 September 2013, Almaty (Kazakhstan)



Organized in cooperation with:

**Ministry of Transport and Communication, Republic of Kazakhstan,
AKIMAT (municipal authority of Almaty), UNECE, WHO/Regional Office for Europe
and UNDP-GEF Project “City of Almaty Sustainable Transport”**

The objective of THE PEP Almaty 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 challenges and opportunities to promote innovative policies and programmes that support green and health-friendly transport policies and improve urban livelihoods in Almaty and other large cities of the region. The workshop is part of THE PEP relay race (staffette), a series of capacity-building events to share best practices across different regions. The staffete was launched in January 2009 in Amsterdam, followed by workshops in Pruhonice, Czech Republic (Sept 2009), Skopje, (June 2010), Batumi, Georgia (September 2010), Kiev (June 2011) and Moscow (June 2012). A representative of Moscow will pass THE PEP baton to the City of Almaty.

PROVISIONAL PROGRAMME

Wednesday 25 September 2013

- Arrival of participants
- Transfer to hotel
- Welcoming of participants and speakers

Thursday 26 September 2013

08.30 – 09.00 **Registration, Conference hall of Holiday Inn Hotel**
(Timiryazeva str. 2-d)

09.00 – 10.15 **OPENING REMARKS**

Welcome remarks

- Mr Zhenis Kasymbek, Ministry of Transport and Communications, Republic of Kazakhstan
- Mr. Akhmetzhan Essimov, Mayor of Almaty city
- Ms. Brinda Wachs, UNECE (Transport/Environment Divisions), Geneva
- Mr. Christian Schweizer, WHO Regional Office for Europe
- Mr. Stanislav Kim, UNDP in Kazakhstan
- Mr. Robert Thaler, Ministry of Agriculture, Forestry, Environment and Water Management, Austria, Chair of THE PEP

Staffete ceremony: Representative of Moscow to pass the baton to the representative of Almaty to signify the next step in THE PEP relay race from Amsterdam (2009) to Paris (2014).

10.15 – 10.45

SESSION I

KEY ISSUES AND CHALLENGES FOR SUSTAINABLE AND HEALTHY URBAN MOBILITY IN CENTRAL ASIA

Ensuring green and health-friendly 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 Almaty, Ashgabat, Bishkek, Dushanbe and Tashkent, in the fields of transport infrastructure, air pollution and congestion, public transport, active mobility and institutional cooperation?

This session provides an overview of the main issues at stake in the region.

Moderator: Representative of Ministry of Transport and Communication

- Mr Dauren Sabitov, Head of Department of the Ministry of Transport and Communication of Kazakhstan: *Green growth strategy for Kazakhstan: Energy efficiency in transport.*
- Mr. Guido Bruggeman, Chief technical adviser of UNDP-GEF Project “City of Almaty Sustainable Transport”: *Sustainable mobility: a call for vision, integrated planning and resources*
- Ms Yelena Yerkovich, Project manager of UNDP-GEF Project “City of Almaty Sustainable Transport”, and Mr. Talgat Abdrakhmanov, Department of Public Transport, Almaty: *Sustainable urban transport strategy in the city of Almaty – Key challenges in the development of an urban transport policy*
- Ms. Brinda Wachs, Environmental Affairs Officer, UNECE: *"What is THE PEP? -- An integrated policy approach to sustainable mobility"*

10.45 – 11.00 Questions from the floor and discussion

11.00 – 11.30

Coffee break and Press Conference

11.30–12.45

SESSION II

TRANSPORT-RELATED AIR POLLUTION AND EMISSIONS DATA COLLECTION

Motorized transport such as cars, busses, trucks and motorbikes contribute to the increase in greenhouse gas and air pollution emissions such as carbon dioxide (CO₂), nitrous oxides (NO_x), volatile organic compounds (VOCs) and particulate matter (PM), which have an impact on air quality and human health and ecosystems. Such modes of transport also cause a high level of noise pollution particularly harmful for children, and damaging to our psycho-social well-being. What methodologies can cities use to monitor and measure emissions of GHGs, air pollution and noise? What are some emission abatement measures used in cities?

Moderator: Ms. Brinda Wachs, UNECE, Environment Division, THE PEP Secretariat

- Ms. Marie-Eve Heroux, WHO/Europe, Joint task Force on Health effects of Air Pollution, LRTAP Convention: *Health effects of transport-related particulate matter: Policy implications for Central Asia*
- Ms. Nadja Richter, Federal Environment Agency, Germany: *Transport-related air pollution mitigation measures*
- Mr. Benjamin Collin, Ministry of Ecology, Sustainable Development and Energy, France: *Measures to implement a sustainable transport policy: focus on CO2 emissions*
- Mr. Anvar Shabanov, State committee for nature protection, Uzbekistan: *Mitigating the negative impact of transport in Tashkent. Gas transport"*

12.30 – 12.45 Questions from the floor and discussion

12.45 – 14.00

Lunch

14:00 – 17:30

SESSION III

POLICIES AND ACTIONS FOR ACTIVE MOBILITY:

WALKING AND CYCLING IN CITIES

Sustainable urban transport must be safe, easy to use and accessible to make city centers livable and attractive. This will lead to a reduction in traffic accidents and congestion, lower urban noise and air pollution and contribute to less greenhouse gas emissions. Sustainable transport solutions must also include walking and cycling. Cities should provide dedicated infrastructure and facilities to foster safe and active mobility as a viable mode of transport and one that contributes to the physical and psychological health of its citizens.

Moderator: Mr. Christian Schweizer, WHO/Europe, THE PEP Secretariat

- Mr. Christian Schweizer, WHO/Europe: *Health, environmental and economic benefits of active mobility*
- Mr. Paul Curtis, Polis: Road Safety at the heart of cycling promotion: Examples from Europe
- Dr. Dinesh Sethi, WHO/Europe: Improving road safety for pedestrians in Central Asian Cities

15.00 –15.30

Coffee break

- Mr. Helmut Koch, Manager of «Klima: aktiv mobil programme», Austria: *Mobility management for cities, municipalities and regions in Austria. Active urban mobility management – Austrian cycling Master plan and examples of practical implementation*

- Mr. Peter van Leeuwen, Ambassador of the Netherlands to Kazakhstan: *Cycling project in Astana*
- Mr. Timur Jurkashev, VeloAlmaty: *Design of bike lanes for Almaty: how to find a balance between mobility needs*

17.00 – 17.30 Questions from the floor and discussion

18.00 – 20.00 Welcome reception on behalf of Ministry of Transport and Communication of Republic of Kazakhstan

Friday 27 September 2013

09.00 - 12.00

SESSION IV

PUBLIC TRANSPORT IN CENTRAL ASIAN CITIES: A SEAMLESS JOURNEY?

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 vulnerable citizens, such as 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, promote cycling and walking and offer a seamless journey?

Moderator: Ms. Yelena Yerzakovich (UNDP-GEF CAST project)

- Mr. Igor Stepanov, Head of the Russian office of UITP: *World Innovations in urban mobility*
- Mr. Paul Curtis, Polis: *EU Public transport - Best practices to share with Central Asia countries*
- Mr. Christian Vogt, Zurich Transport Authority, Switzerland: *Traffic management measures - Public transport operations in Zurich*
- Mr. Yevgeniy Mikhailov, Moscow transport Department:

10.15–10.30 Coffee break

- Mr. Begidjon Ziyoev, Ministry of Transport of Tajikistan: *Public transportation in Tajikistan*
- Mr. Johannes Winter, Senior Operations Manager, Doppelmayr Cable Car GmbH & Co KG, Austria: *Cable-propelled Mass Transit Systems – New Technologies for Cities*
- Mr. Yerkin Dzhailaubekov, Kazakh Academy of Transport and Communications named after Tynyshpayev, Almaty: *Promotion of solar energy cars for Kazakhstan*

12.00 – 12.30 Questions from the floor and discussion

12.30- 13.00 Ms. Nadine Asconchilo (France Ministry of Transport) and Ms. Brinda Wachs (UNECE): Brief presentation of the 4HLM in Paris (14-16 April 2014).

13.00–14.00 Lunch: Continued discussion on 4HLM

14.00 – 16.30

SESSION V

ACHIEVING SUSTAINABLE ECONOMIC DEVELOPMENT THROUGH INVESTMENT IN MOBILITY MANAGEMENT

Central Asian cities could benefit economically by investing in anti-congestion measures and mobility management schemes, using new technologies, e.g. for traffic and parking management systems, investment in public transport networks and supporting mobility management schemes for work and leisure, such as: park-and-ride facilities, walking schoolbus, telecommuting, staggered working hours.

Moderator: Mr. Robert Thaler, Chairman of THE PEP, Ministry of Agriculture, Forestry, Environment and Water Management, Austria

- Mr. Robert Thaler, Chairman of THE PEP, Ministry of Agriculture, Forestry, Environment and Water Management, Austria: *National programme for investing in sustainable mobility: Lessons learned of the Austrian “klima:aktiv mobil” showcase*
- Mr. Christian Schweizer, WHO/Europe: *THE PEP Partnership on jobs in green and healthy urban transport*
- Mr. Abbas Offarinov, EBRD Almaty : *Investment in safe, clean, accessible public transport in Central Asian cities*

15.00 – 15.15

Coffee break

- Dr. Peter Wiederkehr, Ministry of Agriculture, Forestry, Environment and Water Management, Austria: *Eco-driving, alternative fuels and electromobility – technological and behavioral investments for climate friendly mobility*
- Mr. Claus Doll, Fraunhofer Institute, Germany: *Economic aspects of non-technical measures to reduce traffic emissions*
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16.15 – 16.45 Questions from the floor and discussion

16.45 – 17.30

RECOMMENDATIONS AND CONCLUSIONS

Adoption of recommendations:

Action points for Policymakers and Launch of New Initiative(s)

Moderator: Mr. Robert Thaler, THE PEP Chairman, Ministry of Agriculture, Forestry, Environment and Water Management, Austria

18.00 – 19.30 Guided City tour with the site visit to Almaty metro