The PEP as a tripartite platform for Country actions across sectors

George Georgiadis
Transport Division, UNECE
Special session on Transport and Air Pollution
52nd session of WGSR, Geneva, 2 July 2014
What is THE PEP?

A tri-partite policy framework in support of integrated policy approaches to sustainable and healthy transport and mobility.
THE PEP Partners:

UNECE Environment Division

UNECE Transport Division

WHO Regional Office for Europe
THE PEP Implementation

-- THE PEP Staffete

-- THE PEP Partnerships

-- National Transport, Health and Environmental Action Plans (NTHEAPs)

--THE PEP Academy
THE PEP Staffete
Regional Workshops

Capacity-building workshop series
- Focus on local action
- Sharing pan European best practices
- Integrated policy approach T, H, E
- Safe and healthy walking and cycling
- Urban mobility and public transport

Workshops in Prohunice, Skopje, Batumi, Kiev, Moscow, Almaty

Next THE PEP Regional Workshop:
Kaunas
Lithuania 24-25 Sept 2014
THE PEP Workshop on: “Integrated policy approaches to THE”
(June 2012, Moscow)

Hosted by:
Government of the Russian Federation, the City of Moscow and the Scientific and Research Institute of Motor Transport of the Russian Federation

170 Participants of T, H, E from Member States, 29 regions and 18 scientific research institutes; IGOs, IFIs, NGOs, private sector

Major themes:
- Sustainable Urban Transport in large cities
- Lack of adequate urban planning
- Policies on reducing high levels of air pollution and noise
- Policies for active mobility
- Public Transport Renaissance
- Investments in intelligent transport systems
THE PEP Workshop on: “Integrated policy approaches to THE” (June 2012, Moscow)

Outcome: 9 Action Points

- Establish a supportive national policy framework to promote an integrated policy approach
- Provide a supportive legal and regulatory framework
- Transport for healthy and wealthy urban environments
- Transport planning for attractive, sustainable and livable cities
- New technologies to achieve sustainable transport in cities
- Public transport as an attractive alternative to private cars
- Walking and cycling as an integral part of transport and urban development planning
- Increase the environmental performance of the vehicle fleet and fuels in cities, improve travel information and promote energy-efficient driving
- Make use of and contribute to the international framework provided by THE PEP
THE PEP Workshop on green and health friendly mobility in urban Central Asia, Almaty Kazakhstan Sept 2013

Host
Government of Kazakhstan, City of Almaty, UNDP-GEF

More than 100 Participants of Member States, IGO, IFIs, NGO, private sector

Major themes:
- Challenges for Central Asia
- Transport emissions and data collection
- Policies for active mobility
- Public Transport Renaissance
- Investments in Mobility Management
THE PEP Workshop on green and health friendly mobility in urban Central Asia, Almaty Kazakhstan Sept 2013

Outcome: 7 Action Points

• Improve air quality for better quality of urban life
• Integrate urban spatial planning with transport, health and environment objectives
• Develop public transport systems as convenient and seamless networks
• Promote active (human-powered) mobility as a viable transport mode
• Encourage sustainable mobility management, awareness-raising and public participation
• Allocate investment to build-up and improve environment and health-friendly transport systems to stimulate green economy and new jobs
• Work together and build capacity for green and healthy mobility
The Kaunas Workshop
“Move to improve!”

Sessions:
- Current challenges and emerging trends
- Tools to support policy interventions for sustainable urban mobility
- Involving and empowering civil society
The Kaunas Workshop
- Study: Sustainable Public Transport and Mobility
- Sustainable urban mobility plans (SUMPs)
- Health Economic Assessment Tool–HEAT
- For Future Inland Transport Systems - ForFITS (New)
Characteristics of the ForFITS model

Evaluation of a large number of Avoid-Shift-Improve (AIS) policies

Local/National/International levels

Coverage: 2 areas, 9 transport modes, 6 vehicle classes, 31 powertrains, 10 fuel blends

Inputs: Information at the base year and definition of scenarios/policy interventions

Outputs: Projections on transport activity, energy use and WTW CO2 emissions in a certain time span

Freely available online
ForFITS
Projected CO2 emissions from passenger transport
Hungary: 2010-2040

Billion tons

- Baseline
- Oil up
- Oil up and shift
- Oil up shift and tech
- Oil up shift tech and biofuels
ForFITS
Projected change from 2010 to 2040 in passenger kilometers, Hungary

% change

Baseline | Oil up | Oil up and shift | Oil up shift and tech | Oil up shift tech and biofuels
--- | --- | --- | --- | ---
0% | 0% | 0% | 0% | 0%
10% | 10% | 10% | 10% | 10%
20% | 20% | 20% | 20% | 20%
30% | 30% | 30% | 30% | 30%
ForFITS
Projected change 2010-2040 in CO2 passenger transport, selected countries
Thank you for your attention! www.thepep.org