MOVE TO IMPROVE

THE PEP Transport, Health and Environment Pan-European Programme

UNITED NATIONS

World Health Organization Europe

THE PEP Regional Workshop

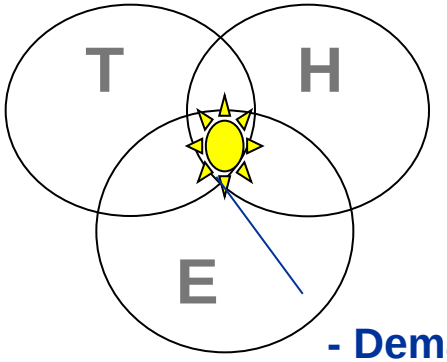
24-25th Sept 2014 Kaunas, Lithuania

Improvement of Sustainable Urban Mobility for Better Health and Environment

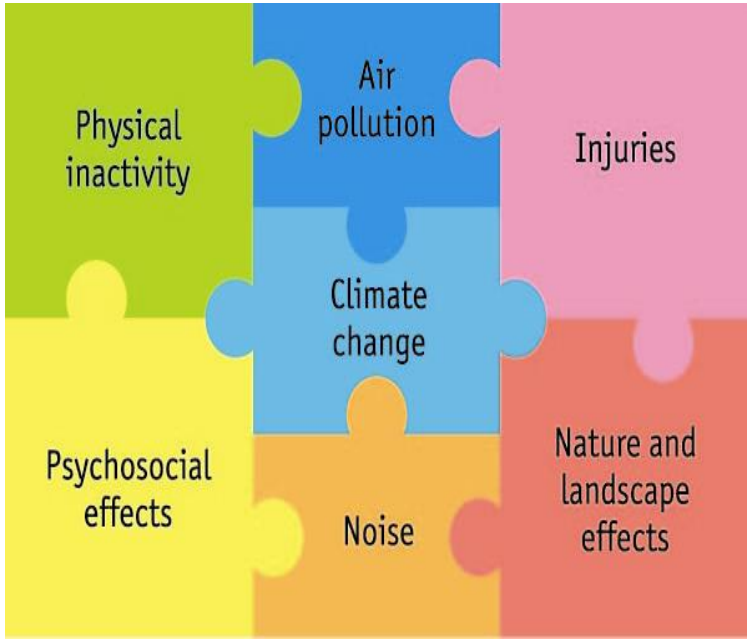
THE PEP 2014-2019
From Paris to Vienna

Robert Thaler, Vice-Chairman
Transport Health Environment
Pan-European Program THE PEP
Austrian Ministry for Agriculture, Forestry, Environment and Water Management

Challenges in Transport, Health and Environment



- Demand for mobility: individuals, society and economy
- Quality of life: health and environment
- Global growth of population, cities, sub-urbanisation: transport and energy demand
- Limited natural resources & space
- Globalization, financial crisis, inequities in mobility choices, allocation of costs and benefits

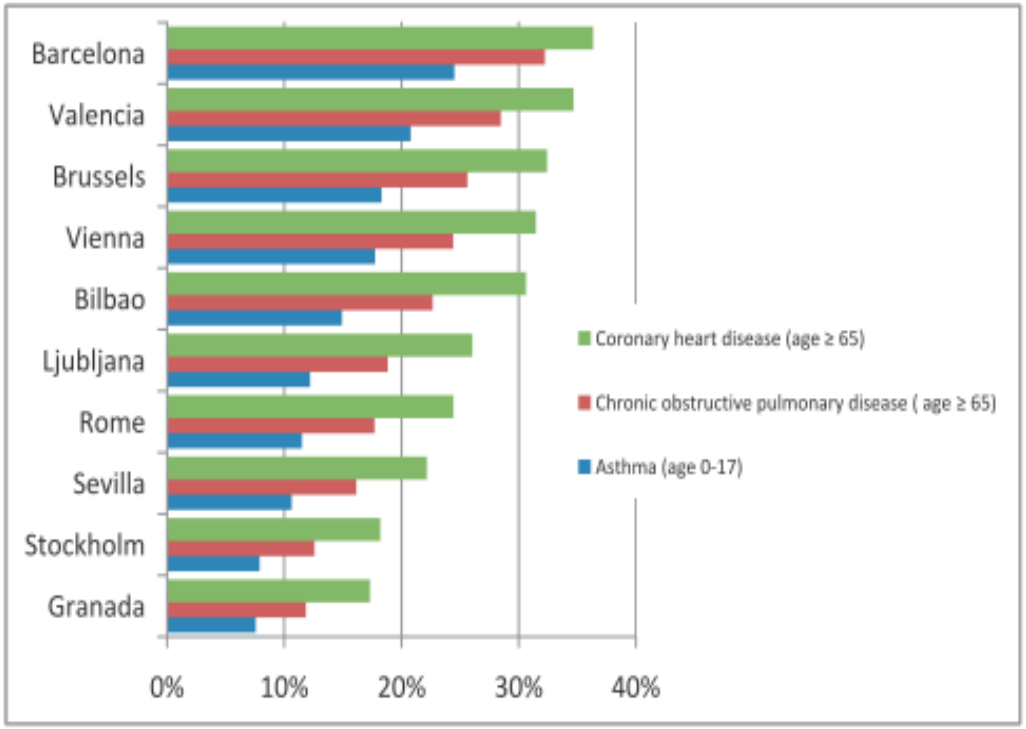


Mobility & transport: major challenges

- 127.000 humans killed, 2,4 million humans injured in European transport, traffic accident is the leading cause of death among humans of 5-29 years age
- 25% EU GHG caused by transport, 71% road related
  +27% increase 1990-2009
- Fossil fuels count for 94% of EU fuels
  84% imported, costs 1 billion € per day (2011)!
- High burden of disease and health risks due to air pollution and noise

Air Pollution of transport: negative impacts on health

Percentage of population with chronic diseases whose disease could be attributed to living near busy streets and roads in 10 Aphekom cities



Perez, L. et al., 2013. Chronic burden of near-roadway traffic pollution in 10 European cities (APHEKOM network). *The European respiratory journal*, 42(3), pp.594–605.

The Aphekom Project
Improving knowledge and communication for decision making on air pollution and health in Europe
www.aphekom.org

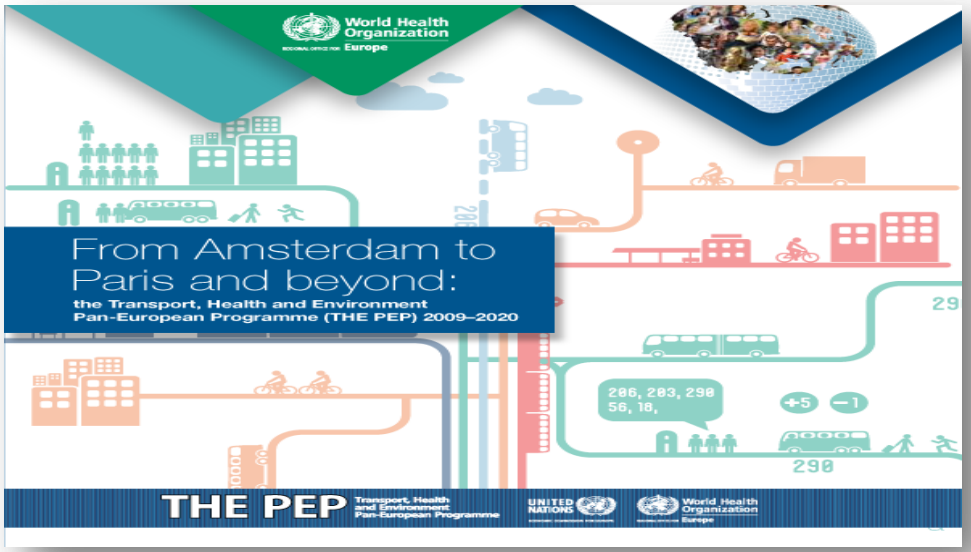
Mobility & transport: major challenges

- Economic & social dimension 6% GDP, 6% unemployment
- Environmental and health costs (4-6% GDP)
  Economic losses due to congestion (4-6% GDP)
- EU freight transport +80%, passenger transport +51% from 2005-2050
- 750 millions cars globally, (240 millions in EU)
  may triple to 2200 millions globally by 2050 !
- 60-85% cars with only 1 person (UK), 50% of car trips less than 5km (AT)
- Decrease of free choice of mobility, increase in car dependency

What is needed?

Keys to a sustainable mobility and transport policy:

- Clean technology and fuels: alternative cars and electro-mobility
- Attractive rail and public transport networks
- New networks for human powered mobility (walking and cycling)
- Mobility Management: manage transport demand, increased efficiency, better logistics, modal shift, car-sharing and eco-driving, awareness-raising
- Getting prices right: internalization & incentives for mobility choices
- Integration of transport and land use planning



What is THE PEP?

A tri-partite policy framework of MoT, MoH, MoE of 56 Member States in UNECE WHO Euro region including IGOs and NGOs in support of integrated policy approaches to sustainable and healthy transport and mobility

THE PEP Transport, Health and Environment Pan-European Programme

UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE

World Health Organization REGIONAL OFFICE FOR Europe

4th High-level Meeting
Transport, Health and Environment

14 - 16 april 2014 - Paris - La Défense

World Health Organization REGIONAL OFFICE FOR Europe

THE Paris Declaration

Transport, Health and Environment:

Working together for Sustainable and Healthy Transport and Mobility

THE PEP Vision

Green and healthy mobility and transport for sustainable livelihoods for all

The Five Paris Declaration Goals

1. Stimulating investments in green and healthy transport to promote green economy and job creation

2. Managing mobility and making transport system more efficient

3. Reducing of transport-related GHG, air pollution and noise

4. Promoting green, safe and healthy active mobility

New Paris Regional Priority Goal 5:

Integrating transport, health and environmental objectives into urban and spatial planning policies

THE PEP Implementation mechanism

5

> THE PEP Staffete Regional Workshops

> THE PEP Partnerships

> National Transport, Health, Environment Action Plans (NTHEAPs)

> New: THE PEP Academy

THE PEP Staffete Regional Workshops

- Capacity-building workshop series
  - Integrated policy approach T, H, E
  - Safe and healthy walking and cycling
  - Urban mobility and public transport
- Focus on local action
- Sharing pan European best practices
- Workshops in Prohunice, Skopje, Batumi, Kiev, Moscow, Almaty
- *THE PEP Regional Workshop: Kaunas Lithuania 24-25 Sept 2014*

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**
- **101 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

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THE PEP Workshop on green and health friendly mobility in urban Central Asia, Almaty Kazakhstan Sept 2013

Outcome: 7 Action Points (Draft)

- Improve Air Quality and reduce emissions
- Integrate urban spatial planning with T, H, E
- Develop new convenient seamless public transport
- Recognize and promote Human Powered Mobility
- Encourage mobility management, eco-driving, awareness raising and participation
- Direct investments in green and healthy transport to stimulate green economy and new jobs
- Build up capacity and explore possibility of upgrading of legislation (Framework Convention THE)

Breaking news of today:
THE PEP Staffete Regional Workshop in Kaunas Lithuania 24-25 Sept 2014

KAUNO MIESTO SAVIVALDYBĖ

LIETUVOS RESPUBLIKOS SVEIKATOS APSAUGOS MINISTERIJA

LIETUVOS RESPUBLIKOS SUSISIEKIMO MINISTERIJA

LIETUVOS RESPUBLIKOS APLINKOS MINISTERIJA

MOVE TO IMPROVE

Improvement of Sustainable Urban Mobility for Better Health and Environment

Move to improve

THE PEP Partnerships

Platform for sharing best practice, developing joint projects and providing policy tools amongst Member States

HEAT - Health Economic Assessment Tool for walking and cycling

GREEN AND HEALTHY JOBS in Transport – launched at Environment for Europe Astana

TRANSDANUBE – sustainable mobility and tourism along Danube

NEW THE PEP Partnerships launched in 2014:

> ECODRIVING – energy efficient driving (Lead country AT)

> NEW PARIS DECLARATION: Development of a European Master Plan on Cycling Promotion (Lead Countries AT,F)

> NEW PARIS DECLARATION RPG 5: Transport Health Environment and Land Use Planning (Lead Countries RF, F)

THE PEP Partnership
HEAT for Cycling and Walking

METHODOLOGICAL GUIDANCE ON THE ECONOMIC APPRAISAL OF HEALTH EFFECTS RELATED TO WALKING AND CYCLING: SUMMARY

WORLD HEALTH ORGANIZATION EUROPE

Economic assessment of transport infrastructure and policies

lebensministerium.at

THE PEP Partnership on Cycling

Based on Paris Declaration - Declaration of Interest

	AT	BE	CZ	FR	SR	SE	DK	LUX	SK	DE	ECF
Needs assessment											
Pan-European Master Plan											
Guidelines and tools											
Sharing good practices											
Establish/Extend Network of National Cycling Officers											

THE PEP Partnership EcoDriving

klimaaktiv mobil

1st Austrian Kazakhstan UNDP EcoDriving Training Almaty April 2014

- **Practical training and workshops with Almaty driving school teachers and bus drivers**
- **Concluding workshop with stakeholders from City of Almaty, Kazakhstan Ministry for Transport, UNDP Kazakhstan, Almaty Driving School Association and fleet owners**

Next Pilot Ecodriving Trainings:

- **Austria-UNDP- Russian Federation**
- **Pilot Cities Kaliningrad 19-23 Sept 2014, Kasan planned for 2015**

Further Practical Eco Driving Workshops and Trainings in interested Member States

THE PEP Handbook for EcoDriving trainings and for starting national Eco Driving programs

Lessons Learned & Essentials for future of THE PEP (1):

- **Supportive frameworks to promote green and healthy transport and mobility in Member States like NTHEAPs, Master Plan for Cycling, klimaaktiv mobil program**

- **Investments of IFIs and Member States to focus on environmentally friendly transport and mobility to reduce CO2, air pollution, noise and health risks**
  e.g. alternative vehicles, renewable fuels, electro-mobility, extension of rail network, busses and public transport, promoting cycling and walking as well as revitalization of urban areas and settlements

Lessons Learned & Essentials for future of THE PEP (2):

- **Strengthen international THE PEP Partnerships:** **Develop and implement joint projects on environmentally friendly and health promoting mobility**

- **Use momentum of THE PEP Stafette Workshops:** **Develop follow up projects on green and healthy mobility!**

- **Build up THE PEP Academy:** **Capacity building and training of practitioners as driving forces for green and healthy mobility**

- **Intensify Cooperation and Participation:** **Member States, UNECE Environment for Europe, LRTAP, Land Management, WHO, IGOs, IFIs, EPOMM, Private Sector, NGOs, Youth**

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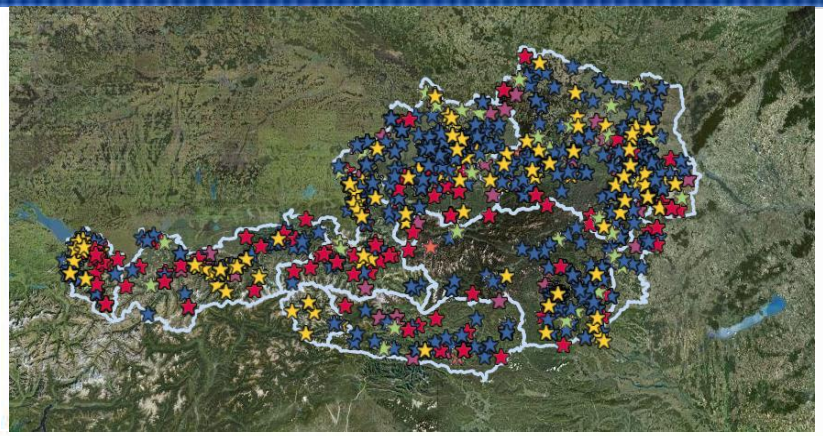

Towards 5HLM THE PEP Vienna Austria 2019

Thank you for your attention!

www.thepep.org