THE PEP
Transport Health and Environment Pan European Programme
Making a difference?
Amsterdam Declaration: Vision for THE PEP

- **THE PEP Priority Goals**
  - Invest in environment-and health-friendly transport
  - Manage sustainable mobility + promote efficient transport
  - Reduce emissions (GHG, air pollutants and noise)
  - Promote proper design of urban areas and transport infrastructure (focus on children and elderly)

- **THE PEP work plan (2009-2014)**
  - Exchange of best practices (NTHE Action Plans)
  - Coordination of research (partnerships)
  - Capacity building (national workshops with industry)
  - Outreach to regional/local levels (SEE, EE CA, Caucasus)
  - Monitoring and reporting (Steering Committee)

*Example: Austria*
Holistic and integrated approach to Transport, Health and Environment

- Physical inactivity
- Air pollution
- Injuries
- Climate change
- Noise
- Nature and landscape effects
- Psychosocial effects
Sustainable and green transport

**CO₂ emissions from transport (EU 27)**

<table>
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<tr>
<th>Year</th>
<th>Road</th>
<th>IW W and Maritime (incl. intl bunkers)</th>
<th>Air (incl. intl bunkers)</th>
<th>Other modes</th>
<th>Railways</th>
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**CO₂ emissions from transport (2007) EU27**

- **Road** 71%
- **IWW and Maritime (incl. intl bunkers)** 15%
- **Air (incl. intl bunkers)** 12%
- **Other modes** 1%
- **Railways** 1%

**THE PEP: Making a difference**

Martin Magold  
UNECE Transport Division
CO₂ emissions from transport (non EU countries)

- **Belarus**: 70% Road, 10% Rail, 5% Aviation, 5% Water, 10% Other
- **Moldova**: 75% Road, 15% Rail, 10% Aviation, 5% Water, 5% Other
- **Russia**: 80% Road, 10% Rail, 5% Aviation, 5% Water, 5% Other
- **Ukraine**: 85% Road, 5% Rail, 5% Aviation, 5% Water, 5% Other
- **Turkey**: 90% Road, 5% Rail, 5% Aviation, 5% Water, 5% Other
- **Canada**: 80% Road, 10% Rail, 5% Aviation, 5% Water, 5% Other
- **USA**: 75% Road, 15% Rail, 5% Aviation, 5% Water, 5% Other
Austrian Initiatives Implementing THE PEP

Robert Thaler
Head of Division Transport, Mobility, Settlements, Noise
Federal Ministry of Agriculture, Forestry, Environment and Water Management
Implementing THE PEP RPGs
Austrian Example: Economic incentives for fuel efficient and alternative vehicles

>> “Bonus-Malus” System in Car Fuel Consumption Tax
since 2008
300€ “tax bonus” (tax reduction) for cars less 120gCO2/km
25€ “tax malus” (tax increase) per gCO2 exceeding 160gCO2/km
200€ “tax bonus” (tax reduction) for EURO 6 cars
500€ “tax bonus” (tax reduction) for alternative cars e.g. flexi-fuel cars, CNG cars, hybrids etc. tax exception for e-cars

Results: Share of fuel efficient cars <120gCO2/km increased from 5% to 20%
2008-2009

>> Financial support scheme for companies and municipalities for converting fleets into alternative vehicles
Implementing THE PEP RPGs

Austrian Example: Promoting Electric-Mobility

> Action Program for E-Mobility of Ministry of Environment and Chamber of Commerce
> New Energy Strategy for Austrian foresees Masterplan for promoting E-Mobility
> Model regions for E-Mobility in implementation
  2009 Vorarlberg VLOTTE ca 4 mio €
  2010 ElectroDrive Salzburg ca 1,9 mio €
  2011 2 new model regions ca 3,5 mio € – selection july 2010
> Financial support for e-vehicles for companies and municipalities by klima:aktiv mobil program of Ministry of Environment
> R&D Initiatives of Ministry of Transport
Implementing THE PEP RPGs

Masterplan for Cycling
National strategy to promote cycling

• Federal Government Target: doubling of the Austrian cycling modal share from 5% to 10% until 2015
• Focus on cycling infrastructure and cycling facilities, cycling friendly transport and road design, mobility management and bike rental systems, e-bikes, intermodal bike&ride and awareness raising
• Cycling coordinator and national Task Force with provinces and cities established
• New financial support scheme for cycling investments in the klima:aktiv mobil program of Ministry of Environment
Implementing THE PEP
Austrian national program

klima:aktiv
mobil
klima:aktiv mobil is ...

>> Motivating & supporting cities, municipalities and regions, companies, tourism, schools and others to implement projects for reducing their transport related GHG

>> Focusing on mobility management and transport efficiency, alternative vehicles and renewable fuels, eco-driving, cycling and innovative flexible public transport
Principles of klima:aktiv mobil

>> Sustainability: synergy of environment, economic, social benefits
   + targeted to reduce GHG emissions/CO₂
   + targeted to stimulate innovation, economy and green jobs
   + targeted to better mobility choices for all groups

>> Tailor-made to catch the players in transport where they are
   + first: double strategy technical consulting and financial support
   + then extended to awareness raising, awarding and certification
   + and now also education & capacity building
   + mid to long term perspective 2005-2012/2020

>> Principle of commitment and partnership: between Ministry of Environment and public & private players in transport to reduce CO₂
1. klima:aktiv mobil is offering technical support …

>> consulting and technical support – free of charge for companies and public services, cities, municipalities and regions, tourism operators, youth and schools to motivate them to develop and implement projects for reducing their transport related GHG.
2. klima:aktiv mobil is ...
offering financial support ...

>> financial support program for
    cities, municipalities and regions, companies and
    transport operators, leisure and tourism ...

>> financial support for Investments, operating & planning costs
    for mobility management, alternative vehicles (biogas/CNG, biofuels, E-vehicles
    and electric bikes...), cycling, flexible public transport and mobility centres,
    logistics

Precondition: project leads to proved CO₂ reduction

>> 2007-2009: 600 projects, 30 Mio € cofinanced
  2010: 15 Mio € available, 400 projects in pipeline
3. klima:aktiv mobil is informing and motivating

National awareness raising campaigns for
Cycling & e-bicycles
Eco-driving
Electro mobility, alternative vehicles & renewable fuels
Public transport
4. **klima:aktiv mobil** is upgrading practitioners by certification and capacity building

Certifications for eco-driving trainers and driving schools (focuses on train the trainer principle)

Capacity Building for practitioners
klima:aktiv mobil lessons learned
Leading to actions...

320 projects on fleet conversions to alternative vehicles, electro mobility and renewables fuels
- reducing 122,000 to CO₂/year
- around 6,000 alternative vehicles

164 projects on mobility demand and services:
- reducing 137,000 to CO₂/year

206 projects on cycling:
- reducing 56,000 to CO₂/year

150 projects on eco-driving:
- reducing 24,000 to CO₂/year
Change in Trends Achieved:
Austrian GHG Transport Emissions -10% 2005/2008

Major tools contributing to change in trends:
- 1.4 Mio To CO2/a Biofuels
- 0.3 Mio To CO2/a Mobility Management
- Bonus/Malus tax incentives
Thank you for your attention!

P.S. Sorry Mr. Thaler, but we could only present some of the slides you had transmitted to the UNECE secretariat.