Review of the implementation of OSCE commitments - TRANSPORT

18th Meeting of the OSCE Economic and Environmental Forum

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Outline

• The Context
  – Pillars of sustainable transport development
  – Global and regional trends
  – Global issues

• Challenges and Achievements

• What can UNECE offer?

• Summary
The Context

Pillars of sustainable transport development

Access  affordability  safety  environmental
Mega Trends

Global
- Integration and regionalization
- Migration and internal mobility
- Urbanization

UNECE countries
- EU, NAFTA, spaghetti bowls
- New phenomena in some regions
- 80%+ in cities by 2050
- Aging: 30% of people over 65 by 2060 (EU)

Reintegration is still in progress

FIGURE 3.1
The Myriad of Regional Trade Agreements Resembles Spaghetti Bowls
Southeastern Europe and CIS Spaghetti

UNECE - Transport Division
Challenges and Achievements

1. The Climate Change challenge

- Prioritize!
- But not without data
- Need for specific tools
- And what about transport?

McKinsey chart, 2007
Country examples

- Sweden: decoupling GHG and GDP
- Turkey: vulnerable to climate extremes
- USA, Germany and many others: national strategy for adaptation

2. The Road Safety Challenge

Legend
Mortality per 100,000 People
- Data not available
- 0.1 - 5.0
- 5.1 - 10.0
- 10.1 - 20.0
- 20.1 - 70.0

Source: WHO, World Bank
Road Traffic Mortality per 100,000 People
Country examples - RS

- Sweden: target zero
- EU: targets set; policy measures and campaigns
- Russia: hosted the Global Ministerial on RS
- USA: campaign against texting
- Turkey: campaign with FIBA and UNECE

3. The Border Crossing Challenge

Average time to import (days)

Average time to export (days)

source: WB, Doing Business
Country and Industry examples

- Bulgaria-Serbia: Rail Border Crossing Agreement
- IRU monitors the waiting time
- UIC analyses of B/C issues

4. A growing challenge: Shift of gravity in decision making

Decentralization - increased role of subnationals
Consequently: Shift of focus from national to multi-country planning

Numerous initiatives:
TEM, G-24, TEN-T, TER, Pan-European corridors, TEN-T for 30, TEN-T and neighbours, Black sea highway, BAM, Trans-siberian Railways, TRACECA Corridors, EATL, Trans-Asian Highway, Trans-Asian Railways, EurAsec corridors, AGR, AGN.....

4. Shift from national to regional, from regional to inter-continental approach
5. The Development Gap challenge

(Km of Motorways per 1000 km2)

Transport investment: question of priority

Source: UNECE Road Financing study by Dr. Andras Timar
6. Financing gap - High expectations towards PPPs

Country examples to bridge the infrastructure gap

- Kazakhstan – 2 billion USD WB loan for roads
- Croatia – Recent investment forum
- Increasing number of PPP case studies (PL, H, Cz, Ca – not always the best experience)
- Switzerland: cross subsidies from roads

Note: The PPI Project Database records no transport projects with private participation or investment commitments to such projects in the region in 1990–91.
Source: World Bank and PPIAF. PPI Project Database.
### Challenges For Transport: Global and UNECE countries (1)

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<tr>
<th>Global</th>
<th>UNECE countries</th>
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<tr>
<td>CO(_2) abatement</td>
<td>- Scale of variations (euro vehicles – market access)</td>
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<td>- policy gap!</td>
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<tr>
<td>Traffic Safety</td>
<td>The best: targets monitored</td>
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<td>The worst: no political support</td>
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<td>Trade and Transport Facilitation vs. Security</td>
<td>- EU external borders, transit, B/C performance,</td>
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<td>- lack of unified rail law</td>
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<td>- Land transport security under-estimated</td>
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### Challenges For Transport: Global and UNECE countries (2)

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<tr>
<td>Shift of gravity in decision making</td>
<td>- Regional integrations and projects</td>
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<td>- Inter-continental aspects</td>
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<td>- Parallel Initiatives</td>
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<td>Development gap</td>
<td>- under-developed infrastructure and services</td>
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<td>- slow reforms - policy gap!</td>
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<td>- low priority of transport in national strategies</td>
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<td>Financing gap</td>
<td>- Investment planning and governance</td>
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What can UNECE offer in addressing the challenges?

As Centre for Legal Instruments for International Land Transport (57)

- Update the agreements (see eCMR)
- Expand the geographical coverage
- Improve implementation monitoring
- Offer new harmonised legal instruments – unified railway law
As promoter of investments - Investment Planning Tools

- Methodologies for planning the “E” networks – Modal infrastructure agreements: road, rail, river, inter-modal
- Traffic Censuses
  - On E-roads and E-railroads every 5 years
- Guidelines for Socio-Economic Cost Benefit Analysis
- Identification of bottlenecks and missing links
Guidelines for Socio-Economic Cost Benefit Analysis of Project Appraisal

- EU, EBRD, EIB, WB and national best practices
- Guidance for project submission and comparisons
- Socio-economic cost benefit analysis, covering also safety, environmental, policy aspects
- Common starting point

Multi-country investment planning – UNECE Regional Projects

Investment planning tools used in:

- TEM - TER Master Plan
- Euro-Asian Transport Linkages
As Facilitator of enabling environment for international transport – serving trade and tourism
Border crossing procedures

- UN Convention on Harmonization of frontier controls
- Measuring border performance
  - OSCE-UNECE model

Customs transit guarantee schemes

- The only global Customs Transit System
As catalyst for research cooperation in selective areas

- Road Safety
- **Global warming and Land Transport**
- Transport and Competitiveness
As promoter of road safety - 60 years
ANNIVERSARY SESSION, 2010

- Social Rules (driving and rest hours)
- Road Traffic Rules
- Drivers' License
- Road Signs and Signals
- Vehicles Regulations
- Infrastructure (standards and parameters, tunnel safety, all land modes)
- Insurance (Green Card)
- Statistics
- Dangerous Goods

UNECE as promoter of ITS deployment

Because: shift From paper based world to virtual world
- From CMR to e-CMR
- From TIR to e-TIR
- From analogue to digital tachograph
- From queues for scaling to e-weight certificates
- From coins to electronic RUCs
- From focus on compliance enforcement to shared attention also to services
- From modal to multi-modal
- From numerous appliances to one integrated unit

The role of UNECE in promoting ITS is under consideration!
Summary - 1

• UNECE countries:
  – Forerunners
  – On average lack of adequate attention to transport
    • To infrastructure development
    • To B/C conditions
    • To road traffic safety
    • To inland transport security

• But some set the example

Summary - 2

• UNECE
  – Centre of regulations and multilateral agreements and
  – Promoter of regional investment planning

• UNECE Analytical tools and TA
  – For Road Safety
  – For global warming and inland transport solutions
Summary – 3 – Project Proposals

1. Inland Transport Security Discussion Forum
2. Accession to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
3. A demonstration block train along the North-South Corridor

Thank you for your attention!
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