

**Fifth Meeting of the
Ad Hoc Working Group on Strategy and Possible Legal Instruments**

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STRATEGY ON TRANSPORT, HEALTH AND ENVIRONMENT

**Overview of the desk review on transport, health and
environment policy documents**

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The mandate

- **Desk review of THE PEP publications** about sustainable, green and healthy transport, including all outcome documents of the **Fifth High-level Meeting**
- **Review relevant publications, legally-binding instruments and policy tools** and instruments at subregional, regional and global levels supporting sustainable transport, including those of the **UNECE Inland Transport Committee, UNECE Committee on Environmental Policy, World Health Organization, and the OECD** International Transport Forum and its Transport Research Committee
- **The focus should be on the nexus between transport, health and environment.**
- The consultant will also **examine the activities undertaken within the framework of THE PEP Partnerships** and the other implementation mechanisms of THE PEP, and with **activities undertaken under other international forums in the field of transport, health and environment**

Structure of review: the Vienna Declaration

- The Vienna Declaration vision
- **Building forward better by transforming to new, clean, safe, healthy and inclusive mobility and transport**



- New mobility and transport
- Clean mobility and transport
- Safe mobility and transport
- Healthy mobility and transport
- Inclusive mobility and transport



Five main categories to build the review

New, clean, safe, healthy and inclusive mobility and transport

New (approaches to/forms of) mobility and transport

- **The Avoid Shift Improve (ASI) framework (+Enable: EASI)**
- **Considering transport and land use interactions**
 - Long acknowledged but still requiring practical implementation
 - THE PEP: 'Building forward better' recommendations; THE PEP 'Handbook on planning'; UNECE NEXUS
 - WHO: Global action plan on physical activity, European obesity report
 - ITF: reversing car dependency, allocation of road space
 - EU SUMP guidelines
 - SUM4All
- Accessibility indicators: UNCTAD for Asian cities, ITF

New, clean, safe, healthy and inclusive mobility and transport

New (approaches to/forms of) mobility and transport

- **Considering environment and health interactions with transport**
 - Recognized more recently
 - THE PEP: 'Handbook on planning'; e-magazine
 - THE PEP/WHO: NTHEAPs
 - WHO: 'Health in All Policies initiative'; Health 2020: whole of-government and whole-of society approaches; 'Global action plan on physical activity'; 'European obesity report'; initiatives on road safety
 - WHO: Health Impact Assessments (HIAs)
 - International (UNECE) and national Environmental Impact Assessments (EIAs), Strategic Environmental Assessments (SEAs)

New, clean, safe, healthy and inclusive mobility and transport

New (approaches to/forms of) mobility and transport

- **Stakeholder involvement + leadership and coordination**
 - Aarhus Convention

- **Monitoring**
 - To control/amend plans and initiatives
 - To transfer knowledge: 'Pan-European Master Plan for Cycling Promotion', Safe System approach, UNEP cycling and jobs

- **Big data**
 - UNECE WP6 on transport statistics and the UN Committee on Big Data and data science for official statistics > 'Handbook of using mobile phone data for production of transport statistics'
 - UNESCAP
 - ITF: governance, aim for data fusion

New, clean, safe, healthy and inclusive mobility and transport

New (approaches to/forms of) mobility and transport

- **Resilience**

- Climate change: dedicated expert group at UNECE
- Pandemic: WHO, THE PEP

- **Sharing+micromobility**

- THE PEP, UNECE, WHO and ITF

- **MaaS**

- THE PEP, UNECE: practical way to integrate services, regulation, externalities
- ITF: public transport, mobility policies, equity implications

- **Intelligent Transport Systems (ITS)**

- UNECE Roadmap for promoting ITS
- THE PEP: PA skills, global players and local PA objectives

New, clean, safe, healthy and inclusive mobility and transport

New (approaches to/forms of) mobility and transport

- **Urban logistics**
 - THE PEP: PA lack of knowledge, numerous stakeholders, involvement
 - EU SULPs: tension between efficiency and reduction of pollution and emissions, increase of road safety

- **Financing transport**
 - UNECE
 - WHO
 - ITF

New, clean, safe, healthy and inclusive mobility and transport

Clean mobility and transport

- **Transport, technology and energy**
 - UNECE, THE PEP: active mobility, public transport, increasing renewables
 - THE PEP: 'handbook on transport and spatial planning developed' warning on social and economic challenges of transitioning to other propulsions and modes
- **Fossil fuels and alternative propulsions**
 - UNECE: NEXUS
 - IEA: Global EV outlook
 - EEA, charging facilities and the supply chains of minerals
- **Energy efficiency**
 - EIA: 'the first fuel', trend towards larger heavier vehicles, need change in behaviour, shift to public transport
 - THE PEP Partnership on Eco driving and its guidelines

New, clean, safe, healthy and inclusive mobility and transport

Clean mobility and transport

- **Green jobs and clean mobility**
 - THE PEP partnership on jobs in green and healthy transport + UNEP, ILO, UNECE
 - Cycling and green jobs, jobs in green and healthy transport

- **Planning and monitoring that concern the environment**
 - Aarhus Convention

- **Assessing policies and effects**
 - UNECE: Environmental Performance Reviews
 - UNECE: ForFITS (For Future Inland Transport Systems)

New, clean, safe, healthy and inclusive mobility and transport

Safe mobility and transport

- **THE PEP:**
 - e-magazine on road transport (differences across countries)
 - Pan European Master Plan for Cycling Promotion (safety issues must be addressed to have active mobility to delivering its health benefits; transport network design)

- **UNECE: WP1 Global Forum for Road Traffic Safety**
 - Safe System approach
 - Conventions on Road Safety and other UN road safety legal instruments
 - ITC Recommendations (road safety is a special priority)
 - Statistics database
 - SafeFITS tool

- **UN General Assembly: new decade of Action for Road Safety until 2030**

- **UN Secretary General's Special Envoy on Road Safety**

New, clean, safe, healthy and inclusive mobility and transport

Safe mobility and transport

- **WHO:** effective schemes exist and are documented
 - SaveLIVES
 - manual on pedestrian safety
 - guide on cyclists' safety, lack of data on e-bikes

- **ITF:**
 - International Traffic Safety Data and Analysis Group at OECD (IRTAD)
 - Initiatives on micromobility, lack of data

New, clean, safe, healthy and inclusive mobility and transport

Healthy mobility and transport

- **Overview: THE PEP, WHO**
 - while emissions from transport have decreased, transport volumes are increasing
 - emissions from sources other than the exhaust
 - effects
- **Emissions**
 - ASI
 - WHO: HEAT (Health Economic Assessment Tool for walking and cycling), effects of active mobility on congestion need to be better studied
- **Noise**
 - THE PEP, WHO
- **Planning for active mobility (WHO: current planning for active transport in the region a fragmented patchwork)**
 - WHO: Global action plan on physical activity
 - WHO/THE PEP: policy advice on walking and cycling, NTHEAPs, Health Economic Assessment Tool for walking and cycling and Partnership maintaining it
 - THE PEP: Partnership, Pan-European Master Plan(s)

New, clean, safe, healthy and inclusive mobility and transport

Healthy mobility and transport

- **Regulatory framework**
 - THE PEP: regulation as stepping-stone to cycling promotion, cycling fully recognized as a transport mode
- **Signposting**
 - THE PEP: low stress connectivity
- **Data**
 - THE PEP: standardise and improve data collection, UNECE working party on Transport statistics could cover cycling

New, clean, safe, healthy and inclusive mobility and transport

Healthy mobility and transport

- **Mobility management**
 - THE PEP: need to have real alternatives to the car, tailor measures to target groups, long term approach
- **Public collective transport**
 - THE PEP, UNECE, WHO
 - **Backbone of sustainable mobility**, required as an alternative/backup to active modes, critical to mobility management
 - Line + on-demand services, key: **network planning and multimodal integration**
 - Quality, reliability, accessibility to stand out in MaaS, to get people back
 - New fares/ticketing/subscription offers

New, clean, safe, healthy and inclusive mobility and transport

Inclusive mobility and transport

- **Transport exclusion: people and communities**
- **Youth**
 - THE PEP: Partnership on Child and Youth-friendly Mobility
 - UNECE, WHO
- **Women and girls**
 - UNECE and THE PEP: Travellers and transport workers, issues and challenges discussed for decades but little progress. Need to consider they are not a homogenous group
 - ITF
- **The elderly and the digital divide**
 - UNECE, EU
 - Digital divide even more important when considering the potential of IT services and MaaS

New, clean, safe, healthy and inclusive mobility and transport

Inclusive mobility and transport

- **Underprivileged groups**
 - THE PEP, UNECE: public transport, inequalities and transport poverty
 - WHO: Health 2020, transport options contributing to promoting social inclusion and active lifestyles
 - ITF: poor travel in worse conditions
 - EU: accessibility, availability and affordability

- **Rural areas**
 - ITF: combination of demand driven and conventional public transport, MaaS, bicycle or e-bike, financing of rural transport

New, clean, safe, healthy and inclusive mobility and transport

Selection of comments by Vadim Donchenko (RUS, NIIAT)

- More emphasis on:
 - **multimodal urban public transport systems** as the base for future sustainable urban transport systems
 - **digital services that replace the need for mobility**
 - **changing approaches to transport policy and planning of (urban) transport systems** (dedicated chapter), (“Beyond ‘Predict and Provide’”, from mobility and traffic management to accessibility management)
- **Active mobility and micromobility: important but complementary to public transport systems** (“last mile” transport, short distances 3-5 km)
- **Resilience is out of scope:** relevant to operation of transport systems and losses of their efficiency
- **Safety: do we deal with traffic safety in total/general or we will consider only some aspects of this problem?**
- **Inclusive mobility and transport:** clarify links with THE

New, clean, safe, healthy and inclusive mobility and transport

Selection of comments by Vadim Donchenko (RUS, NIIAT)

- A lot of research has been done. **Many results have been obtained. Why aren't ideas and recommendations being implemented?**
- **We need to look for Win-Win solutions for different interest groups**