MINISTRY OF TRANSPORT
OF THE RUSSIAN FEDERATION

Role of innovations in transport in efficient solving of ecological and climate challenges

High-level segment of the 82th ITC session

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Economic growth depends on transport infrastructure development

- Increasing population mobility
- Cargo transport efficiency
- Improving road safety
- Decreasing of transport-related environmental pollution
- Increasing the comfort of transportation

Adaptation to the climate change and reduce of emissions

- Essential for sustainable development
- Several international commitments
- Global context
- Need of cross-sectoral approach

Key directions

Minimizing the effects of climate change for transport infrastructure

Reducing the negative impact of transport sector on climate and environment by the modal shift to eco-friendly transport

Ecological activities in Russian Federation

Main goals

- ✓ Reduce the level of transport emissions
- ✓ Increase level of energy efficiency by modal shift from automobile transport to eco-friendly modes
- ✓ Reduce of automobile vehicles' total mileage

Key projects

- ❖ Programme of comprehensive development of transport infrastructure (PKRTI)
- ❖ Comprehensive scheme of traffic organization (KSODD)
- ❖ Comprehensive scheme of public transport service (KSOT)
- ❖ National project "Safe and quality roads"

Ecological activities in Russian Federation

Ongoing activities:

- Promoting electric urban transport
- Development of sharing-based transport services
- Multimodal urban transport systems
- Implementation of Mobility as a Service (MaaS) services
- Smart traffic management systems

Planned results:

- Reduce of private car usage
- Decrease of transport-related pollution

Current trends:

- Growth of e-micromobility
- Implementing autonomous cars
- Digital vehicle and cargo tracking systems

Related actions:

- Changes to the Traffic Rules
- of the Russian Federation

Transport digitalization in Russian Federation

Projects on getting transport safer, more efficient and eco-friendly

Development of autonomous and automatic driving

Adoption of digital traffic control systems

Creation of a unified transport management system

Rail transport development

Moscow Central Circle (urban ring railroad)
Implementation of technologies and software for driverless service and smart rail traffic control

86% of goods and 85% of passengers
are being transported by the Russian Railways
with **eco-friendly electricity traction**

2317 km of rail lines to be electrified by 2025
Reduce of power consumption by **5,6%**, air pollution – **by 8%**

International cooperation

2002 – Russia is one of the founders of UNECE-WHO common program – THE PEP

THE PEP Transport, Health and Environment Pan-European Programme UNECE World Health Organization Regional Office for Europe

2018-2019 – Russia initiates and finances the UNECE Handbook on sustainable urban mobility and spatial planning
(to be adopted at 5th HLM in Vienna this November)

UNECE

Promoting Active Mobility
A Handbook
on Sustainable Urban Mobility
and Spatial Planning

THANK YOU FOR YOUR ATTENTION!