The role of the Federal Ministry of Transport in dealing with fast-paced challenges of growing Russian cities and the case of Moscow Urban Transport
MISSIONS of the Federal Ministry of Transport:
- forecasting
- coordinating
- initiating
- control over implementation
- lawmaking
BASIC PRINCIPLES:

Urban development
- Integration of transport schemes into urban and spatial planning

Road construction

Green transport
- Control over air pollutants
- Law carbon-vehicles
- E-mobility
- Cycling and foot walks

Legal aspects

Traffic management
- Toll parking
- Limitations on freight transport
- Intelligent transport systems
- Public transport

MINISTRY OF TRANSPORT OF THE RUSSIAN FEDERATION
Creation of non-profit organization Directorate of the Moscow Transport Hub

- Moscow City Government
- Ministry of Transport of the Russian Federation
- Moscow Region Government

Non-profit organization "Directorate of the Moscow Transport Hub"
Population of the Moscow Agglomeration amounts to 19.2 mn, including: 7.2 mn in Moscow Region, 12.0 ml in Moscow City (by 2020 it is expected to grow up to 20.1 mn).

Number of active workers is 9.6 mn, including: 2.9 mn in Moscow Region, 6.7 in Moscow City.

Transport System of the Moscow Agglomeration includes:
- 1,890.7 km of railways
- 22,300 km of roads
- 312.9 km of subway lines and 188 stations
- 527 km of water ways
- 3 main airports amount for 50% of total passenger air traffic in Russia
Evolution of Moscow City Districts specialization in “New Moscow”
**Program of the Moscow agglomeration transport development for the period up to 2020:**

- Extension of railway lines
- Extension of subway lines
- Road construction
- Access to airports
- Distriports
- Traffic safety
- Improvement of urban land passenger transport
- Transport connection hubs & toll parking
- Intelligent transport systems
- Waterways
Reconstruction and Development of the Small Ring of the Moscow Railways with construction of new transport connection hubs

Traffic – 100 – train pairs per day
Interval – 6 min.
Volume – up to 300 mn passengers per year
Development of ring and link roads in Moscow Agglomeration

1. Central Ring
2. Road «Solntsevo-Butovo-Vidnoye» (Moscow City and Region)
3. Road «Vinogradovo-Boltino-Tarasovka»
4. Road «Pushkino-Ivanteevka-Fryasino-Schelkovo-Losino-Petrovsky-Noginsk-Orekhovo-Zuevo»
5. Road «Lytkarino-Tomilino-Kraskovo-Zheleznodorozhny»
6. Road «Podolsk-Domodedovo-Ramenskoe-Central Ring»

- объекты в ведении ГК «Автодор»
- объекты в ведении ГУДК МО
- объекты в ведении г. Москвы
- новые границы Москвы
- транспортная развязка в рамках реализации ЦКАД
Unified system of passenger transport will allow redistribution of commuter flows from the Moscow region cities and reduction of roads charge by 25 %.

With new jobs around Central Ring everyday commuter migration to Moscow will drop by 75 % from 2 mn to 500 000 by 2030.

Future Circular Tramway Lines are planned in densely populated areas of Moscow agglomeration with more than 4 mn inhabitants and near international airports of Vnukovo, Domodedovo, Sheremetyevo, airports of Ramensky and Chkalovsk with yearly turnover of more than 5 mn passengers.

Future tramway lines will be integrated into unified transport system of the Moscow City and Moscow Region connected by transport connection hubs with railways, light rail and planned high speed railways and roads.

Section of Circular line Podolsk-Domodedovo-Ramenskoe
Section of Circular Line Mytischi-Pushkino-Ivanteevka-Schelkovo
Section of Currulum Line Lubertsy-Zheleznodorozhny-Balashiha
Section of Circular Line Dolgoprudny-Khimki-Krasnogorsk-Odintsovo-Podolsk
Project «Development and implementation of the eco-labelling system for the newly produced and in-operation motor vehicles in the Russian Federation»

Implemented as a part of the GEF/UNDP project: «Reduction of the greenhouse gas emissions from motor vehicles in the Russian cities»

**PROJECT GOALS:**

- to determine a set of motor vehicles’ parameters for use in their eco-labelling, which will characterize their *environmental safety* and *energy efficiency of a vehicle*

- to establish the legal foundation necessary to introduce the «eco-labelling» system for motor vehicles

- to establish requirements for different categories of motor vehicles subject to environmental marking

- to establish procedures for eco-labelling of the motor vehicles during their production, registration, and operation

- to develop the appropriate instruments for increasing vehicles’ *environmental safety* and *energy efficiency*, based on the «environmental classes» being introduced
MAIN OBJECTIVES:

- Reduce air pollution
- Reduce acoustic pollution
- Areas for non-motorized transport
- Pedestrian environment
- Barrier free environment for physically challenged people
**CYCLING DEVELOPMENT**

*State-of-the-art international experience:*
Netherlands, Sweden, Denmark, Finland, Italy, Spain

Governmental Decree of 22.03.2014 № 221 – modifications of Traffic Rules related to cycling

- Adjustment of conceptual framework, new rules and signs related to cycling
MINISTRY OF TRANSPORT OF THE RUSSIAN FEDERATION

The layout of the environmental Declaration and example design sticker for eco-labelling

<table>
<thead>
<tr>
<th>Vehicle Manufacturer’s Logo</th>
<th>Environmental Declaration Registration No</th>
<th>Authorized body’s logo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor vehicle (category, type, model or brand name, modification or variant, unladen weight, displacement volume and output of the engine, fuel type, transmission type, other important traits)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Environmental Class</th>
<th>5</th>
</tr>
</thead>
</table>

Fuel Efficiency*, liters / 100 km
* For urban streets and freeways

<table>
<thead>
<tr>
<th>CO₂ emission, grams / km</th>
<th>153,0</th>
</tr>
</thead>
</table>

Transmission type

Fuel type

Name of the manufacturer or its representative in the Russian Federation hereby affirms that the aforementioned motor vehicle has the environmental parameters and energy efficiency level as given in this Declaration.

Authorized person
Signature

Stamp of the manufacturer

Data in the environmental declaration is verified.

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THANK YOU FOR YOUR ATTENTION!