MINISTRY OF TRANSPORT OF THE RUSSIAN FEDERATION

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Deputy Minister of Transport of the Russian Federation, Dr.sc.oec., Prof.

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

MINISTRY OF TRANSPORT OF THE RUSSIAN FEDERATION

MISSIONS of the Federal Ministry of Transport :

- forecasting
- initiating
- lawmaking
- coordinating
- control over implementation

MINISTRY OF TRANSPORT OF THE RUSSIAN FEDERATION

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

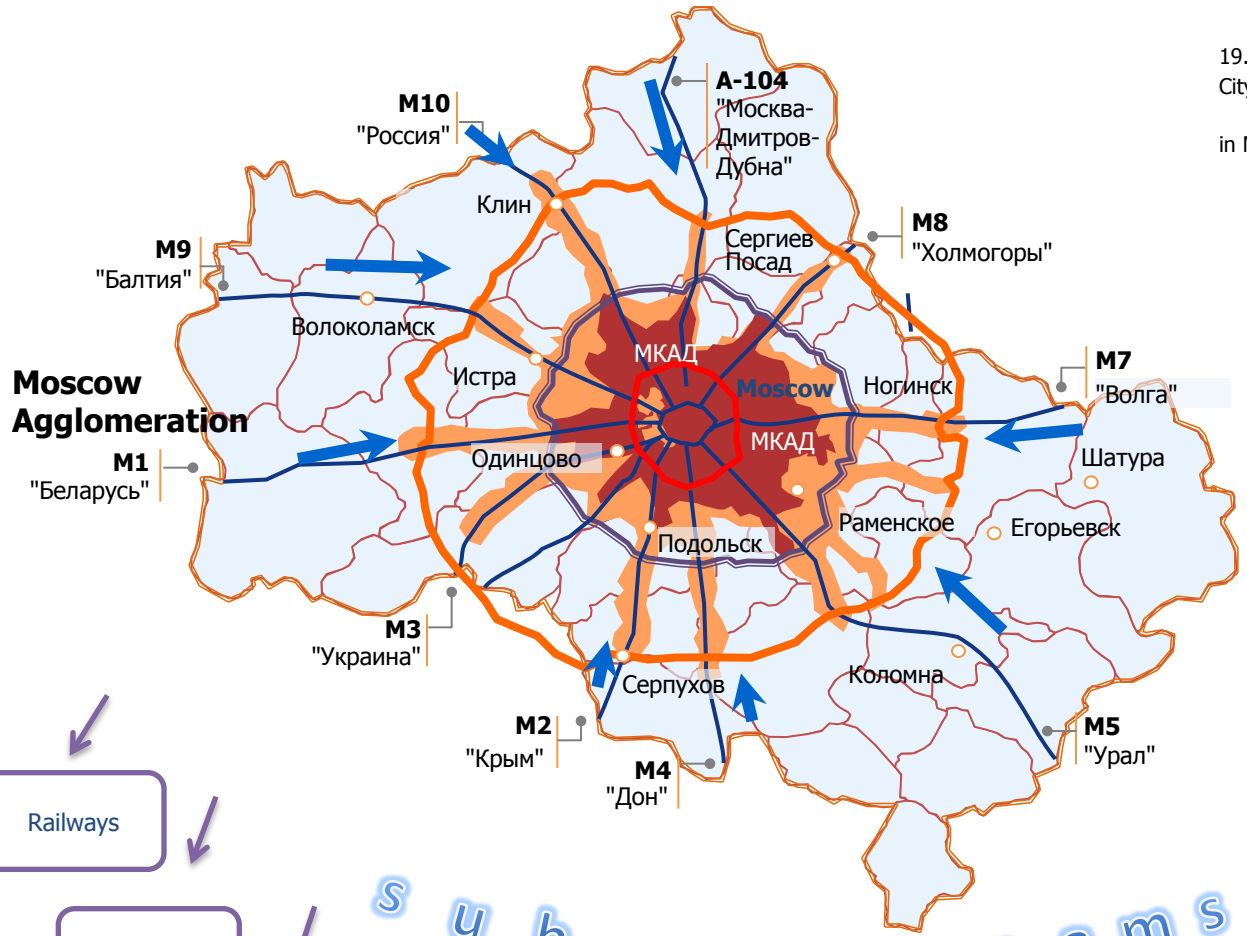
- Toll parking
- Limitations on freight transport
- Intelligent transport systems
- Public transport

MINISTRY OF TRANSPORT OF THE RUSSIAN FEDERATION

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

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.



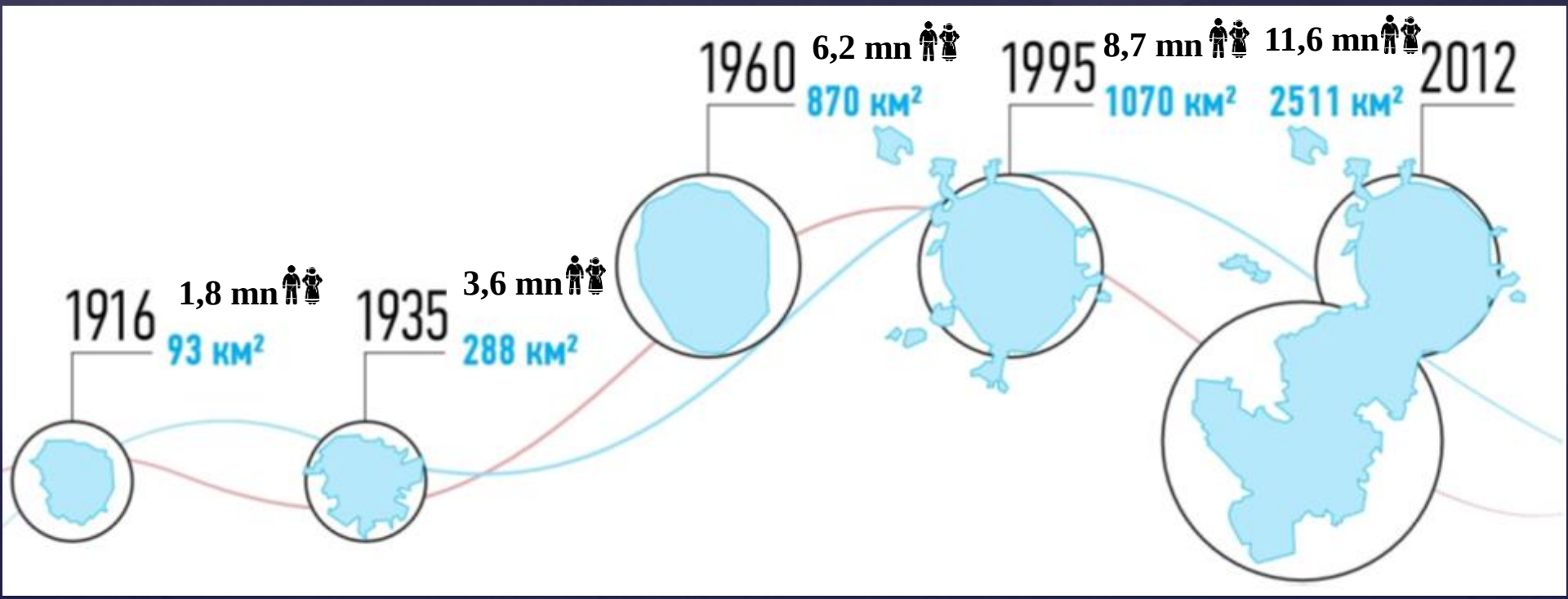
Transport System of the Moscow Agglomeration includes

- **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**

sub-programs

- Railways
- Subway
- Roads and Infrastructure
- Public Transport and Taxi
- Transport connection hubs and Parking
- Road Safety
- Traffic Management and ITS
- Air Transport
- Internal Water Transport
- Distriports

Evolution of Moscow City Districts specialization in “New Moscow”



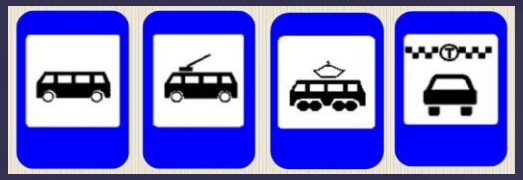
Program of the Moscow agglomeration transport development for the period up to 2020:

Extension of railway lines

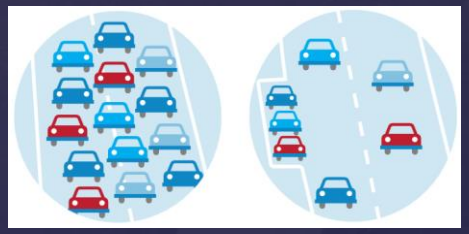
Extension of subway lines

Road construction

Access to airports



Improvement of urban land passenger transport



Transport connection hubs & toll parking

Intelligent transport systems

Distriports

Traffic safety

Water ways

Условные обозначения:

прямая пересадка

пересадка в пешей доступности

строящиеся станции метро

Станции, на которых осуществляются пересадки на другие линии метро, пригородные поезда или выход к автовокзалу выделены черной рамкой

ТПУ – это общественное пространство, объединяющее терминалы городского транспорта, в котором осуществляется пересадка с одного транспорта на другой.

16 пересадок на линии метрополитена, из них:
10 с непосредственной связью с метрополитеном (3 новые станции),
6 в пешеходной доступности

9 пересадок на радиальные линии железных дорог

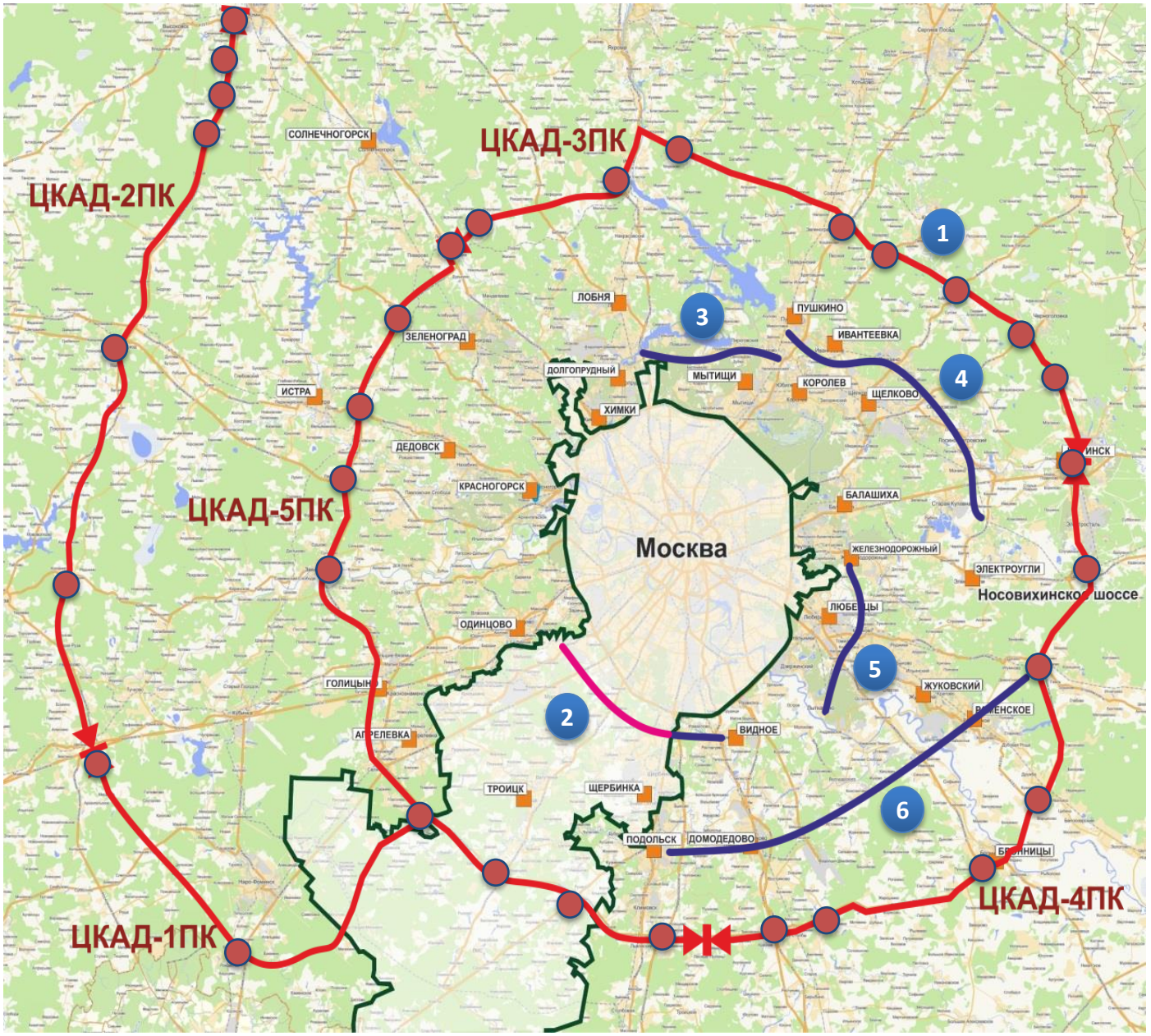
32 пересадки на наземный городской транспорт

12 связей с перехватывающими парковками

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

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



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 ГУДХ МО
- объекты в ведении г. Москвы
- новые границы Москвы
- транспортная развязка в рамках реализации ЦКАД

Development of express tramways in Moscow Agglomeration

Ministry of Transport of the Russian Federation
Government of Moscow City
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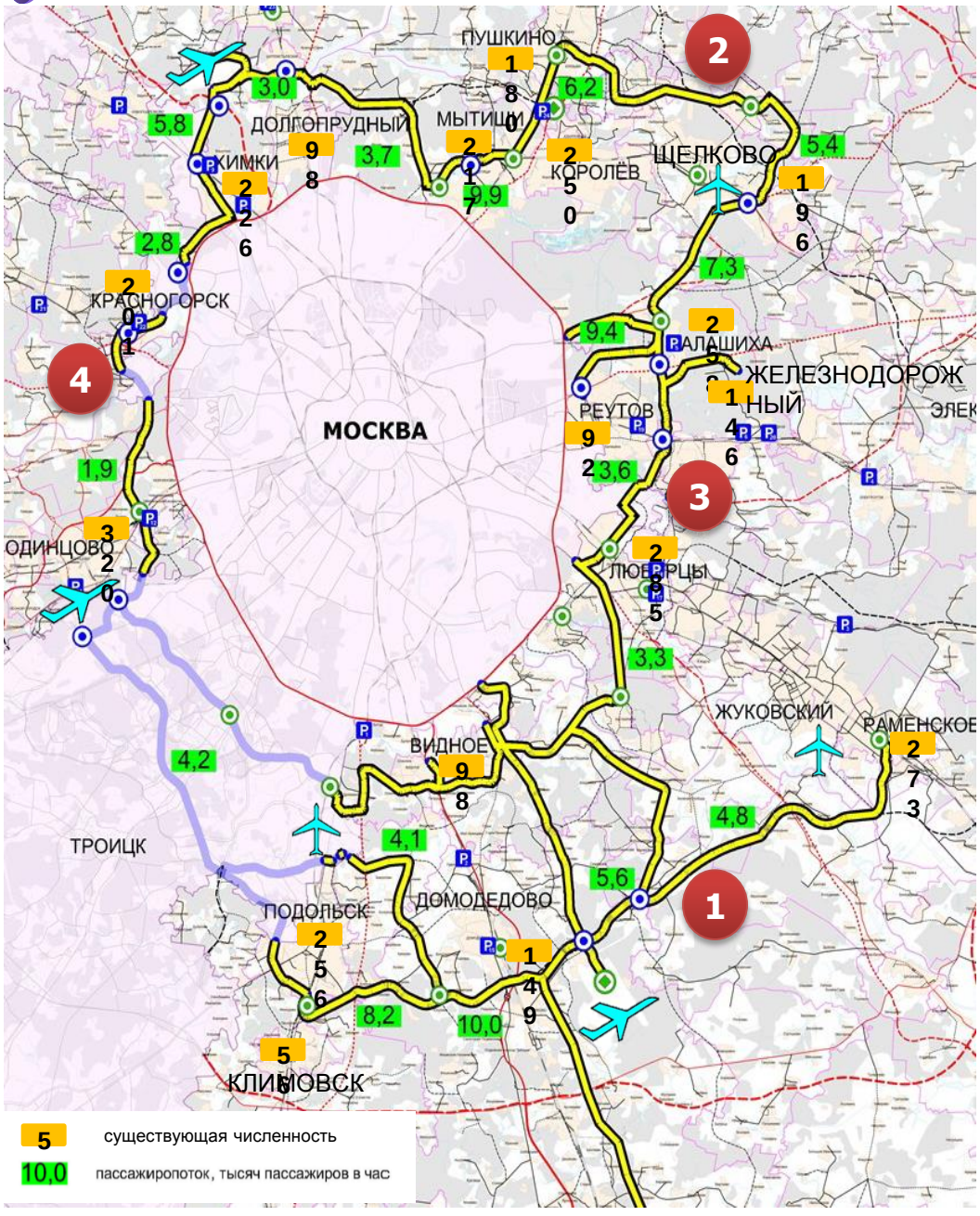


Unified system of passenger transport will allow redistribution of commuter flows from the Moscow region cities and reduction of roads charge by **25 %**.

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 Chkalovsky 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.

1. Section of Circular line Podolsk-Domodedovo-Ramenskoe
2. Section of Circular Line Mytischi-Pushkino-Ivanteevka-Schelkovo
3. Section of Circural Line Lubertsy-Zheleznodorozhny-Balashiha
4. 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

Areas for non-motorized transport

Reduce acoustic pollution

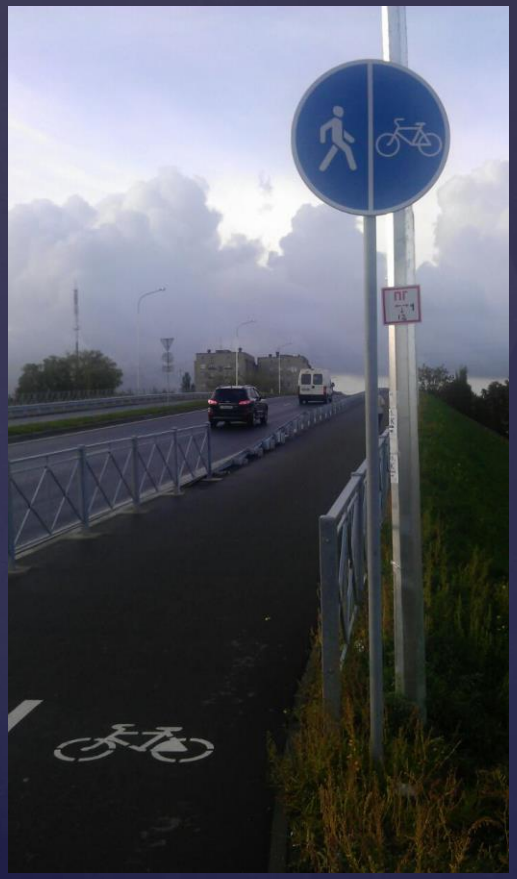
Pedestrian environment

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

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

Vehicle Manufacturer's Logo	Environmental Declaration Registration №	Authorized body's logo

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)

Environmental Class	5

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

0 — 10,8 — 25

CO_2 emission, grams / km

A
B
C
D
E
F
G

153,0

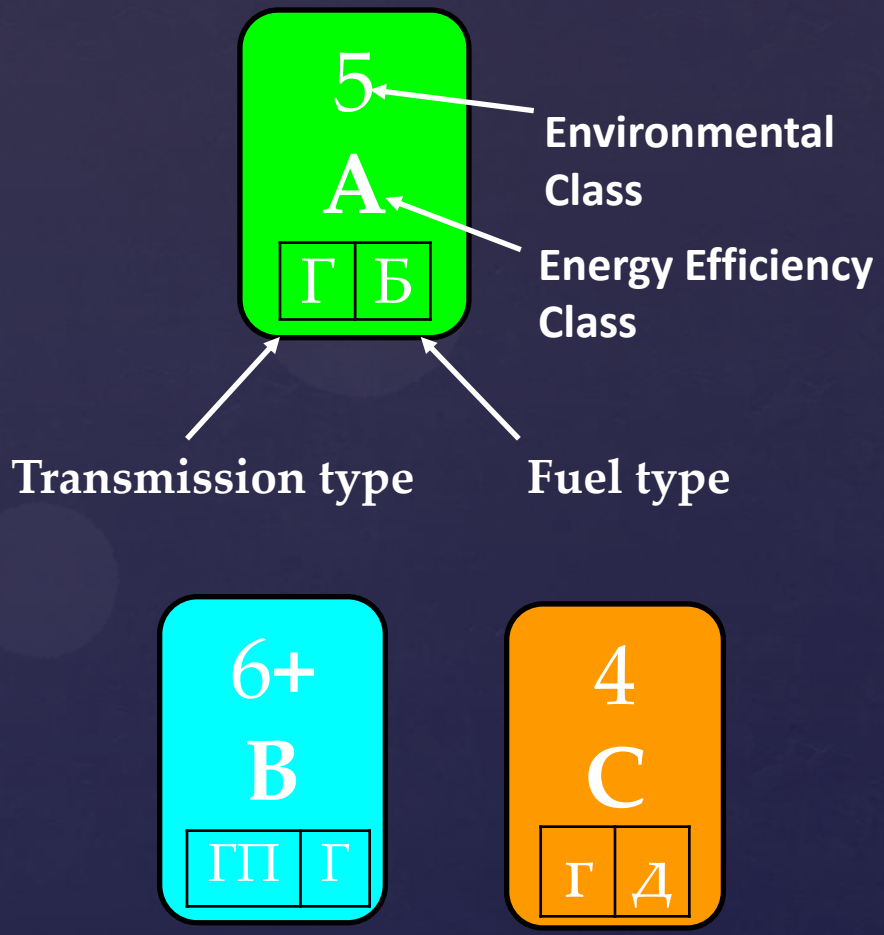
E

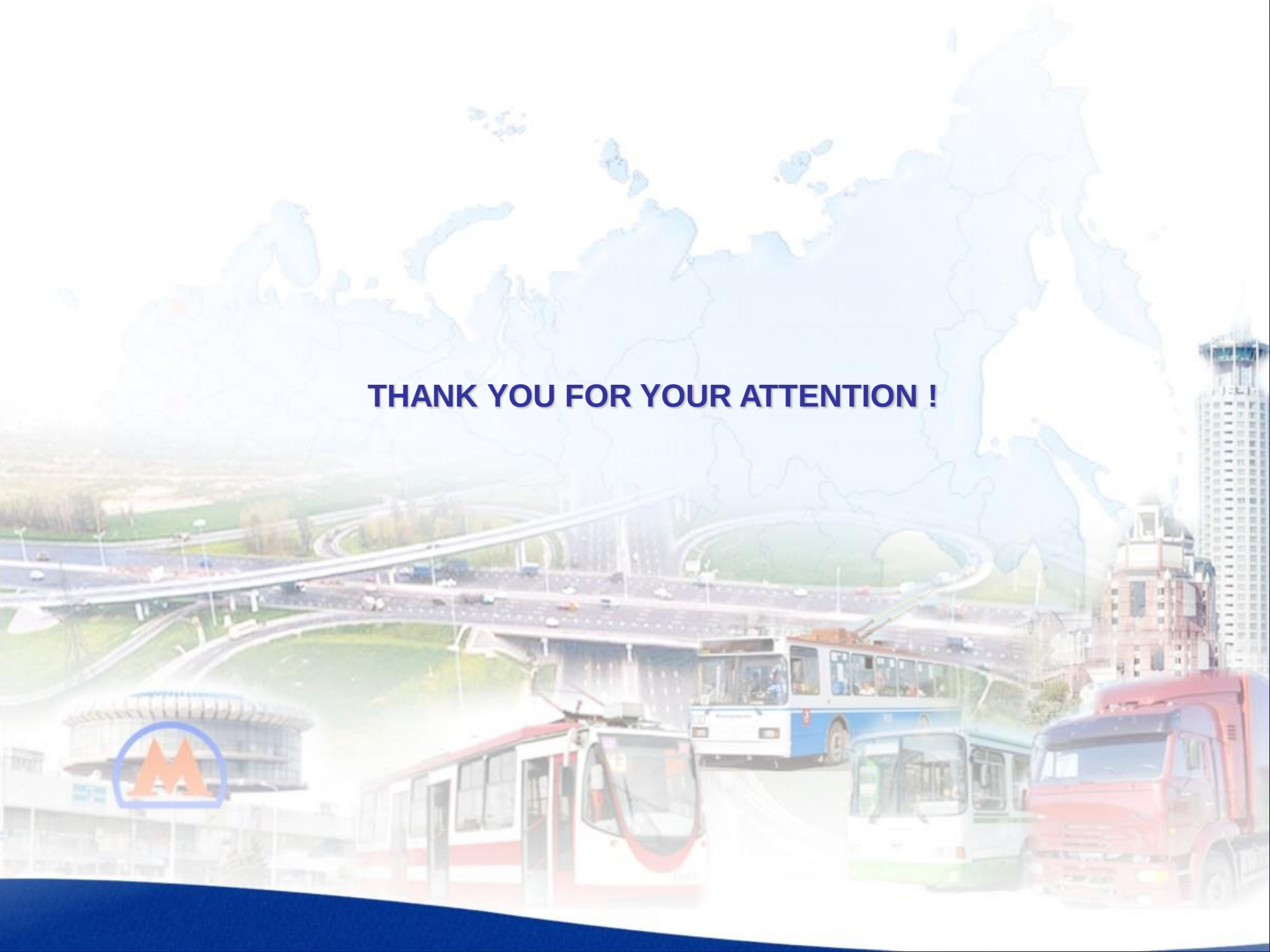
Name of the manufacturer or its representative in the Russian Federation) hereby affirms that the aforementioned motor vehicle has the environmental parameters and energy efficiency level as given in this Declaration.

Authorized person Signature Date

Stamp of the manufacturer

Data in the environmental declaration is verified.




THANK YOU FOR YOUR ATTENTION !