The development of urban agglomerations in the Russian Federation

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- About 50 million vehicles registered;
- The total length of roads is about 1.4 mln. km;
- The accelerated growth of motorization in large cities (more than 300 cars per 1000 inhabitants with estimated number to 150-180 for which the road infrastructure is designed and constructed).

The challenge is to streamline the movement of vehicles through the implementation of efficient transport policy in the Russian cities.
THE STATE POLICY IN THE FIELD OF SUSTAINABLE URBAN TRANSPORT SYSTEMS

1. Improving the territorial and transport planning;
2. The road network development;
3. Improving the performance of public transport, expanding the use of off-street transport and the promotion of walking and cycling;
4. Organization of urban parking lots;
5. Restrictions for the private cars’ movement on streets;
6. Improvement of the engineering and traffic management methods;
7. Optimization for the freight road transport;
8. Legal, institutional and methodological support of transport systems development.
Event

I. Integrated transport planning for all transport modes

II. Integrated traffic management scheme (KSODD) – systematical solutions

III. The project of traffic management – the detailing of the decisions taken in the form of specific projects and local solutions
• Analysis of the existing transport and urban planning situation and identification of the “bottle necks”
• Forecasting the regional indicators of socio-economic and urban development
• Forecasting the demand for passenger and freight transportation
• Building a model in order to select the recommended scenario for the development of the transport system in the Moscow region. Simulation of traffic flows
• The establishing of target indicators and indexes
• Integrated design for all types of transport and transport infrastructure
• Assessment of the socio-economic efficiency of the Program
The Program-2020 Targets:

- Improvement of transport accessibility in St.Petersburg and Leningrad Region
- Formation of a national transport, logistics and distribution hub for the European part of Russia in St. Petersburg and the Leningrad region
- Elimination of transportation capacity restrictions
- Stimulation of public transportation traffic growth
- Organization of transport interchange hubs and intercept parking
- Development of intelligent transport systems, integrated computerization of all modes of transport
- Reduction of car accidents, improvement of traffic conditions, reduction of the negative impact of transport on the environment

Goal of the Program-2020:
The goal of the Program-2020 is to provide the demand of population and sectors of the economy for transport services with the necessary indicators of accessibility, economy and safety, efficient development of the transport infrastructure in order to increase competitiveness of St.Petersburg and the populations and sustainable economic development.

Expenses for the Program-2020 realization:

Conservation scenario: 786,322,54 million rubles
Target scenario: 1,664,515,62 million rubles
The purpose of the project is to reduce greenhouse gas emissions from road transport. Implementation of demonstration projects of building the low-carbon transport systems in Russian cities (Kazan, Kaliningrad, Irkutsk, Tyumen, Rostov-on-Don, Penza, Krasnoyarsk), which will be demonstrated:
- advanced solutions of integrated urban transport planning;
- traffic management and optimization of routes of passenger transport;
- parking policies;
- the development of cycling and walking.

Web-page of the project: www.proecotrans.ru/en/
Kazan

Developing a comprehensive schemes of traffic flows in the Kazan city for 2014 - 2020 with an observation to 2030
Kaliningrad

The establishing of an integrated scheme for the public transport development in Kaliningrad in the future up to 2020, taking into account the implementation of the objectives of transport system development for the 2018 World Cup games.
The rules for the road transport in the Russian Federation amended the following changes:

The new road signs - “Electric vehicle” and “Gas station with charging point for electric vehicles”

Establishing the restrictions on movement for different environmental class vehicles
Thank you for your attention!