

**National Report 2012**  
**State Company “Avtodor”**

**Network length**

State Company “Avtodor” manages a total network of 2496 km, 75.1 of which are tolled. In the year 2012 the toll network was increased by 22,7 km.

**Openings in 2013**

The foreseen growth of the tolled network for the year 2013 will make up more the 190 km. The new tolled sections are to be launched on the Federal Highway M-4 Don and Federal Highway M-1 Belarus:

№	Section	Length	Type of concession
Federal Highway M-4 “Don”			availability payment
1	Km 225,6 - km 260 (Tula region)	35,5	
2	Km 287,8 - km 321,3 (Tula region)	35,8	
3	Km 330,8 – km 355 (Lipetsk region)	26,7	
4	Km 355 – km 414,7 (Lipetsk region)	56,1	
5	Km 492-km 517 (Voronezh region)	26,3	
Federal Highway M-1 Belarus			direct toll
1	Odintsovo bypass (Moscow region)	18,5	

**Investments (toll sections):**

2012 – 14,9 million EUR (construction of Odintsovo bypass)

2013 – 165 million EUR (construction of new sections)

**Financing (toll sections)**

Grants from Federal budget plus private funding

**Traffic (toll sections)**

The average volume of traffic for the year 2011 was 14 255 vehicles, 26 581 vehicles<sup>1</sup> for the year 2012

<sup>1</sup> In the October of 2012 a new toll section with the length of the 22,7 km was launched. So the data for the average traffic for 2012 includes the traffic for the both toll sections with the total length of 75,1 km. In the year 2011 there was only one toll section with the length of 52,4 km.




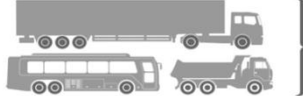
The GDP growth in 2012 in comparison to 2011 made up 3,4%.  
 The average traffic growth for the year 2012 made up 86%<sup>2</sup>

### Tolls

Tariff rate:

The base rate of 1 RUB (0.03EUR) for reconstructed sections and 1.5RUB (0.04EUR) for newly constructed sections adjusted by inflation index is applied.

The current tariff list is presented in the table below:

Category	Height	Number of axles	Types of vehicles	Toll section km 48 - km 71 M-4 "Don" (Moscow region)		Toll section km 416 - km 464 M-4 "Don" (Lipetsk region)		EUR
				00:00 07:00	07:00 00:00	21:00 09:00	09:00 21:00	
I	2	2+	Light vehicles with overall height under 2 meters, motorcycles 	0,25	0,75	1,25	1,5	
II	2-2,6	2+	Intermediate vehicles with height from 2 to 2,6 meters, vans 	0,38	1.12	1,9	2,25	
III	2,6+	2	Commercial vehicles, buses 	0,5	1,5	2,5	3	
IV	2,6+	3+	Commercial vehicles, buses and trains with overall height over 2,6 meters 	1	3	2,5*	6	

\* The tariff was reduced due to social reasons

### Revenues:

The revenue received in 2012 makes 19 million EUR (exchange rate 1EUR=40 RUB)

### Safety

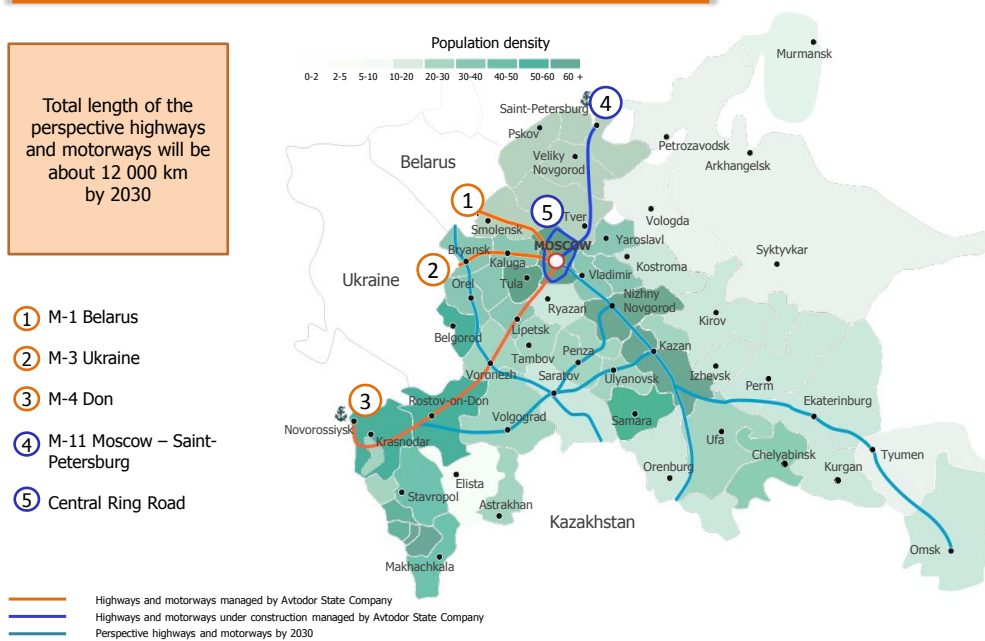
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### Long terms forecasts and tendencies

Please see the scheme below presenting the development of the Avtodor network:

<sup>2</sup> Such a sharp growth provided due to the launch of a new toll section with the length of the 22,7 km

## Perspective Highway and Motorway Network by 2030



### Significant actions already started

State company “Avtodor” has a comprehensive programme aiming at the improving of the existing network and constructing of new motorways.

As for the year 2012:

#### *New forms of contracts*

The first international contract for operation and maintenance of the section of the Federal Highway M-4 Don (km 225-km 633) has been launched. The total length of the section is 408 km, 313 km of which are to be tolled<sup>3</sup>.

The implementation of new forms of contracts on federal highways is aimed to provide best practices and modern technologies, investments into the road sector, new approach to maintenance and repair.

#### *Implementation of electronic toll collection. First step to interoperability*

In 2012 on Avtodor network electronic toll collection was implemented, which include smart-cards (RFID Technology) and OBU (DSTC Technology). The same smart-cards and OBUs are used for both toll sections. A subsidiary company of Avtodor is in charge of the management of electronic payments.

#### *Creation of Central Accounting and Billing System*

As the number of toll sections is increasing, Avtodor is working currently on construction of central accounting and billing system, which will be responsible for billing and clearing processes and customer service.

#### *Change of vehicle classification*

Considering best international practices in October, 2012 Avtodor switched from weight to height classification and changed a three categories classification into a four categories one.

Permanently Avtodor is working on *construction of new highways* among which are M-11 Moscow-Saint Petersburg Motorway, that will link 2 largest cities of the country, and Central Ring Road, that is aimed to withdraw commercial vehicles from Moscow region and lower heavy traffic in Moscow.

For both of these projects PPP mechanisms are used.

<sup>3</sup> There already exist one tolled site (52 km) on the section, 5 more tolled sites are to be opened in the year 2013