

Projects removing infrastructural constraints



New railways put into operation in 2013

67.8 km

Railways under comprehensive reconstruction

3,982 km

TABLE OF THE PROJECTS ON REMOVING INFRASTRUCTURAL CONSTRAINTS

Region	Project	Objective	Expenses in 2013, RUB bn	Results of implementation in 2013
Northwest	Comprehensive reconstruction of the Mga-Gatchina-Veimar-Ivangorod section and railway approaches to ports on the southern coast of the Gulf of Finland.	Providing transportation of cargo flows on the approaches to the port of Ust-Luga in accordance with the projected growth in traffic volumes.	12.5	Commissioned: 1) Electric interlocking of 112 air flow systems at Mga station 2) Automatic locking with remote-fed coded audio-frequency track circuits of 31 km of Kerstovo-Kotly 2 running line 3) Traction substation of Luzhskaya st. 4) Railway overpass at Vladimirsкая st. 5) Railway bridge over Kyamyshy river 6) Railway tunnel at Luzhskaya st. 7) Superstructure at Luzhskaya st - 20.7 km 8) Alert centre of contact rail at Veimarn st. Works performed helped to increase the processing capacity of Ust-Luga railway hub from 31 to 44 pairs of trains a day.
	Organisation of rapid passenger traffic on the section St. Petersburg - Buslovskaya	Reduction of train traffic time from St. Petersburg to Helsinki from 5 hours and 50 minutes (across the territory of Russia - 2 hours 30 minutes) up to 3 hours 30 minutes (1 hour 30 minutes across the territory of Russia).	4.7	Commissioned: 2.8 km of superstructure, 2.1 km of electrified line.
South	Comprehensive reconstruction of the Trubnaya-V. Baskunchak-Aksarajskaya section	Reconstruction of the railway infrastructure for delivery of goods to the ports of the Caspian Sea and the southern regions of the country.	0.5	Commissioned: second track on Zaplavnoe - Trubnoye running line - 17.7 km.
	Comprehensive reconstruction of the M. Gorky-Kotelnikov-Tikhoretskaya-Krymskaya section with a bypass of the Krasnodar hub	Reconstruction of the railway infrastructure for delivery of goods to the ports of the Azov-Black Sea transport hub (Novorossiysk, Tuapse, Caucasus, Temruk and new seaport Taman), as well as optimisation of the Krasnodar hub with a switch of the freight traffic to the Timashevskaya - Krymskaya section.	1.5	Commissioned: Eya traction substation

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Urals and Western Siberia	Development of Tobolsk – Surgut section	Increased export of hydrocarbons from the Yamal-Nenets and Khanty-Mansiysk AD by gradually increasing the throughput and transport capacity of the Tobolsk-Surgut section to 66 pairs of trains a day.	7.5	Commissioned: 6 running lines with a total length of 41.2 km of the second track, 39.3 km of automatic locking that will increase the section capacity from 38 to 40 pairs of trains a day.
Far East	Comprehensive reconstruction of the Karymskaya-Zabaikalsk section	Infrastructure development in connection with the projected increase in the volume of foreign trade traffic through the border station Zabaykalsk.	1.1	Commissioned: 1) Continuous welded rail Sedlovaya-Buryatskaya - 10.7 km 2) Fencing of yards "A" and "D" at Zabaykalsk st.
	Reconstruction of the Komsomolsk-on-Amur-Sovetskaya Gavan section, with the construction of a new tunnel at Kuznetsovskiy	Increasing the capacity of the Komsomolsk-on-Amur-Sovetskaya Gavan line.	7.1	Commissioned: The second line on the East Portal of Kuznetsovskiy Tunnel-Vysokogornaya section; 4.3 km long, which enabled Russian Railways to increase the minimum transport capacity to 30 pairs of trains a day and carrying capacity to 23.8 million tons.
	Comprehensive development of the section Mezhdurechensk – Taishet of Krasnoyarsk Railways	Increase in freight transit traffic from the Kemerovo region to the Far East ports.	1.7	Completed and commissioned works: 30 km automatic locking on the line Awda-Gromadskaya (commissioning of the Awda-Gromadskaya connecting loop in 2014), and downyard shunting of Abakan st.

Among the projects related to the removal of infrastructure constraints, the largest in terms of investment in the reporting year was “The comprehensive reconstruction of the Mga-Gatchina-Veimar-Ivangorod section and railway approaches to ports on the southern coast of the Gulf of Finland” to provide transportation to the Ust-Luga seaport.

Overall for 2013, 67.8 km of new tracks, 113.2 km of replacement track, 65 km of electrification, and 151.9 km of station tracks were commissioned. In addition to 3,982.2 km of railways, 469.1 km of contact rail, 774.8 km of automatic locking, 781 interlocked switches, 37 traction substations, and 3,932 km of cable lines underwent comprehensive reconstruction.

During the year, the Company purchased 804 locomotives and 450 multiple units, including 190 “Lastochka” (Desiro). Russian Railways purchased the total locomotive engineering industrial output of Russia.