

## Passenger infrastructure upgrade

This section of the investment programme includes Russian Railways projects aimed at implementing measures to enhance the accessibility of passenger services in all regions of Russia by improving the quality of service, developing new products and services, introducing digital services, and creating a comfortable transport environment for all categories of passengers.

In 2020, the investment expenses amounted to RUB 8.4 bn (102% vs 2020 plan).

## Rolling stock renewal

The projects covered by this section are aimed at renewing the rolling stock to ensure uninterrupted cargo and passenger transportation, train traffic safety and achievement of the targets relating to passenger traffic and cargo turnover, as defined by the Development Strategy of the Russian Railway Transport until 2030.

In 2020, the investment expenses amounted to RUB 152.7 bn (99% vs 2020 plan).

## Other projects

This section contains projects to deliver improvements in the social sphere and to support the establishment of Russian Railways' subsidiaries and affiliates.

In 2020, the investment expenses amounted to RUB 34.0 bn (100% vs 2020 plan).

## Ultra high-speed lines

The updates to the Russian High-Speed and Ultra High-Speed Lines Programme until 2036 continue into 2021. The Programme is scheduled for approval in 2021. It defines the procedure for implementing 15 high-speed and ultra high-speed railway projects until 2036, creating a high-speed and ultra high-speed rail infrastructure framework, and consolidating key centres of economic growth in Russia into a single network.

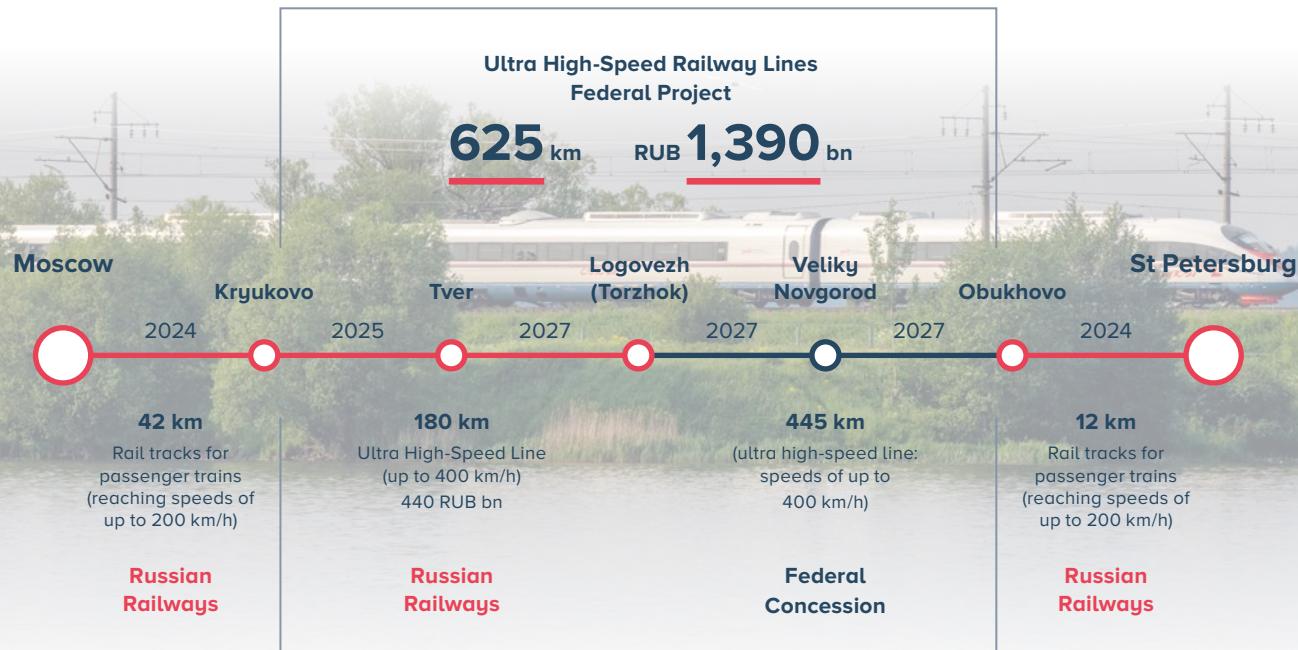
### Ultra High-Speed Line 1: Moscow–St Petersburg

In 2020, the Company started engineering surveys and developed area planning and design documents to build the Moscow–St Petersburg ultra high-speed line.<sup>1</sup> The railway line will run through 6 constituent entities of the Russian Federation: federal cities of Moscow and St Petersburg, and Leningrad, Novgorod, Tver and Moscow regions. The ultra high-speed line will serve an area with nearly 30 million residents.

The length of the railway line (including the upgraded existing infrastructure sections on the approaches to Moscow and St Petersburg) will be about 679 km. The travel time between Moscow and St Petersburg will be reduced by 1.7 times (to 2 h 15 min – 2 h 19 min).

<sup>1</sup> Pursuant to Russian President's Instruction No. Pr 623 dated 10 April 2019.

## Moscow – St Petersburg ultra high-speed line: project overview and details



The ultra high-speed line will serve an area with nearly

**30**

million people

**20 %**

of Russia's population

**679 km**

length, including entrances to Moscow and St Petersburg

**2 h 15 min**

Travel time between the two capitals (without stops).

The project will help reduce travel times between the metropolitan areas by

**1.7 times**

**23.3 m<sup>1</sup>**

passengers per annum in 2030 (3rd full year of operation) throughout the entire railway line

The project will create

**>250 thousand**

new jobs, including

**35 thousand**

jobs to build the line

**RUB 1.5 tn**

for 7 years of works commissioned by the construction industry including metropolitan area entrances

**RUB 8,013 bn**

GDP growth (by 2050)

<sup>1</sup> GDP growth and passenger transportation data sourced from Infrastructure Economics Centre.