

**Joint Stock Company
High-Speed Rail Lines**

Presentation of the design of the
Moscow – Kazan High-Speed Railway
for Japanese partners



HSR – the new challenge of our time!



Japan



Russia



The leadership of the country supports the design of the Moscow-Kazan HSR

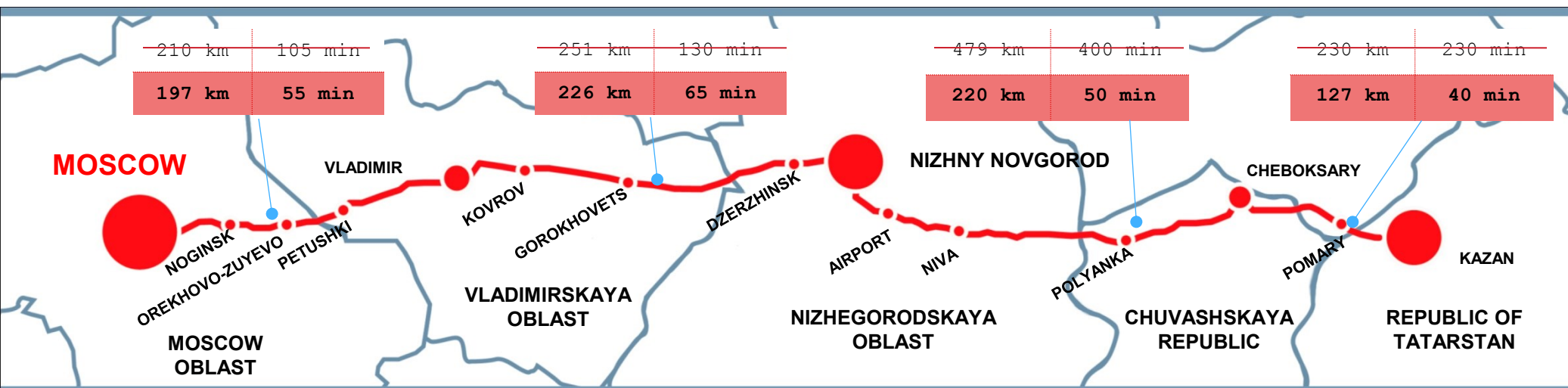


"We have been discussing the possibility of using our financial reserves for a long time already. We don't have many. One source of funding could be the resources of the National Welfare Fund. These funds must be put to use in the Russian economy and benefit future generations. They must not be squandered and spent on insubstantial programs, but must be directed towards those projects that can change the face of the country and open up new prospects for development. For this reason we made another important decision - to invest 450 billion rubles on infrastructure projects that pay for themselves, that is, on a repayable basis...Which projects are these? First and foremost is the Moscow-Kazan high-speed railway. In essence, it will be the pilot section of the route that connects the Center, Volga, and Ural economic districts."

V.V.Putin | President of the Russian Federation

THE PROJECT IS READY TO BE IMPLEMENTED

this includes: a developed investment justification, performed technical and financial audits, and approved special technical conditions for designing, building, and operating the HSR



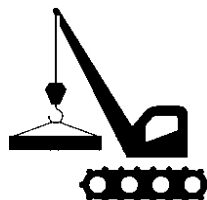
770 km

length
Moscow - Kazan HSR



350 km/h

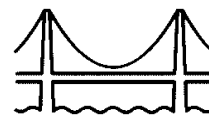
operational
speed



795

MAN-MADE
STRUCTURES

including:



131

BRIDGES



161

VIADUCTS



49

OVERPASSES



Investment and legal framework of the project

CAPITAL EXPENSES OF THE PROJECT

₽ 1,068.3 billion = \$ 28.4 billion

₽ 334.0 billion
\$ 8.8 billion =

₽ 260.6 billion*
\$ 7 billion =

₽ 266.4 billion*
\$ 7.1 billion =

₽ 157.2 billion*
\$ 4.2 billion =

SECTION 1

MOSCOW

SECTION 2

Vladimir

SECTION 3

Nizhny Novgorod

SECTION 4

KAZAN

Cheboksary



CONCESSIONAIRES

- ✓ Design
- ✓ Financing
- ✓ Construction and operation of HSR infrastructure
- ✓ Transportation
- ✓ Purchasing rolling stock (for all 4 sections)

- ✓ Financing
- ✓ Optimization of design solutions
- ✓ Construction and operation of HSR infrastructure

+ purchase of rolling stock

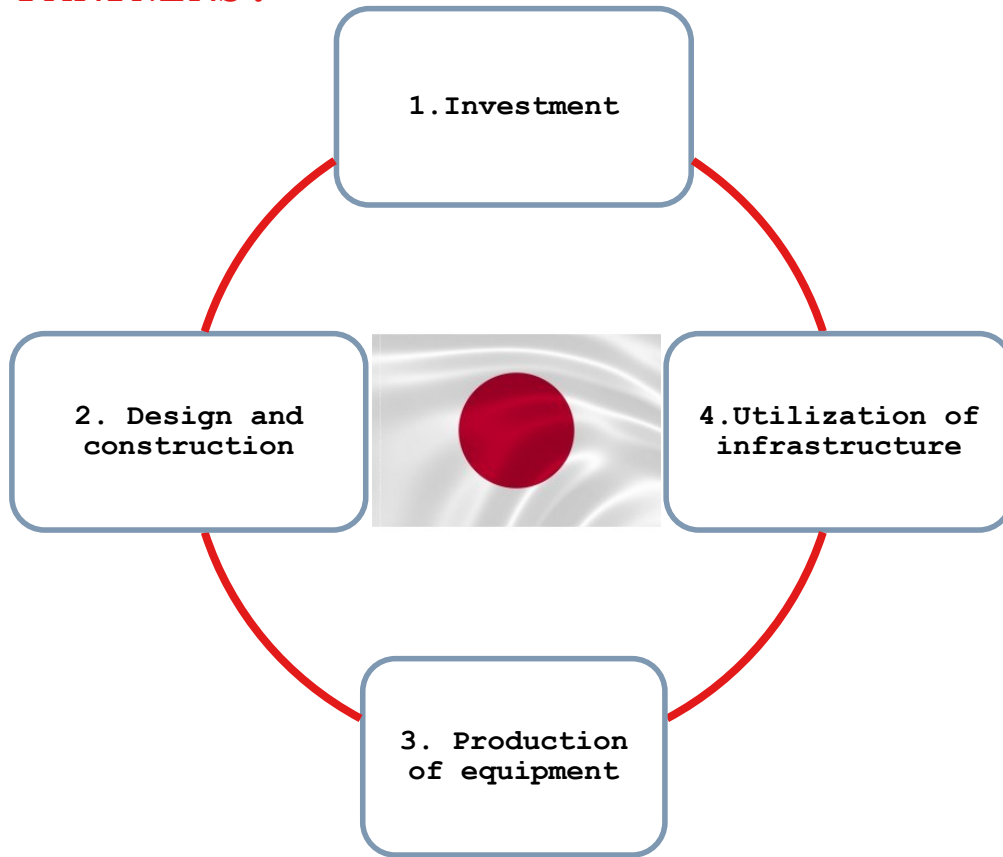
₽ 50.1 billion*
\$ 1.3 billion =

* - cost indicated taking into account the subsidies of the federal budget of the Russian Federation



Participation options for Japanese project partners

PARTICIPATION OF JAPANESE PARTNERS:



PRIVATE INVESTMENT STRUCTURE:

¥43.4 billion equity of investors

¥374.3 billion commercial loans and issuance of bonds

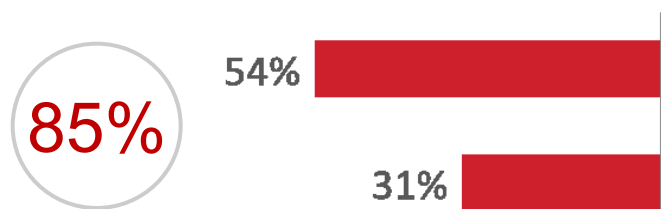
¥417.7 billion

\$11.1 billion

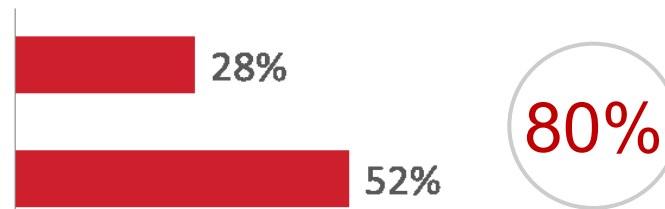
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Are high-speed rail lines appropriate for Russia, given its vast territory and the great distance between cities?

Population of the areas through which the HSR passes



Population of the Russian Federation



>80% of the Russian population supports the construction of the Moscow-Kazan HSR

