

**NORTHERN AXIS – BARENTS LINK KO 4159 (NABL) PROJECT IMPLEMENTATION**  
**UNDER KOLARCTIC 2014-2020 CBC PROGRAM**

# Impact of Russian Railway Projects on the Transport System of the Barents Region



## Objectives of the Report:



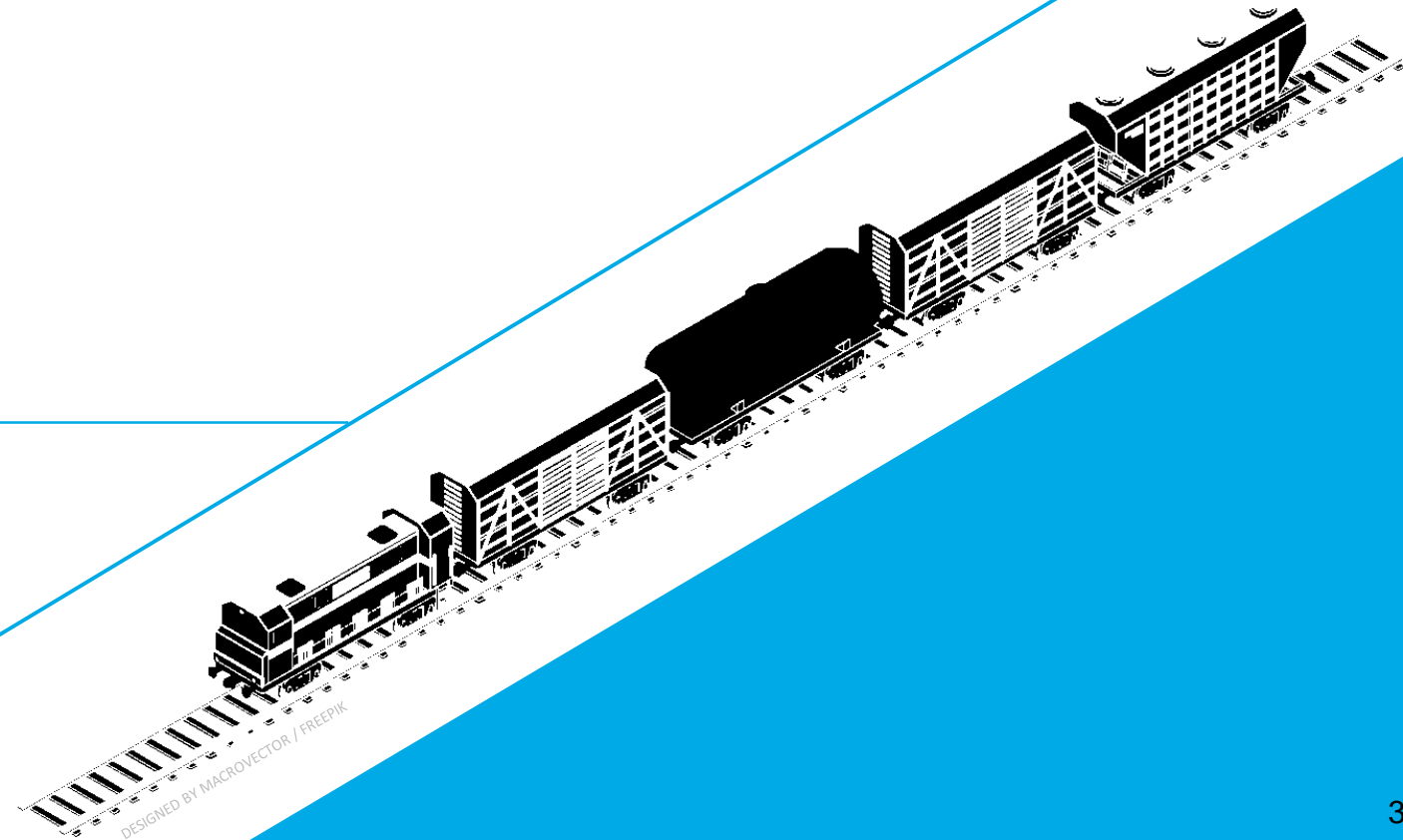
**OBJECTIVE 1** – Describe **the existing Russian rail transport infrastructure** in the Barents Region



**OBJECTIVE 2** – Provide an overview of the existing rail transport **development plans** in Russia and the Barents Region countries as indicated in official sources of information, and draw preliminary conclusions on impact of the projects on the transport situation in the Barents Region

# Section 1

## Current Situation

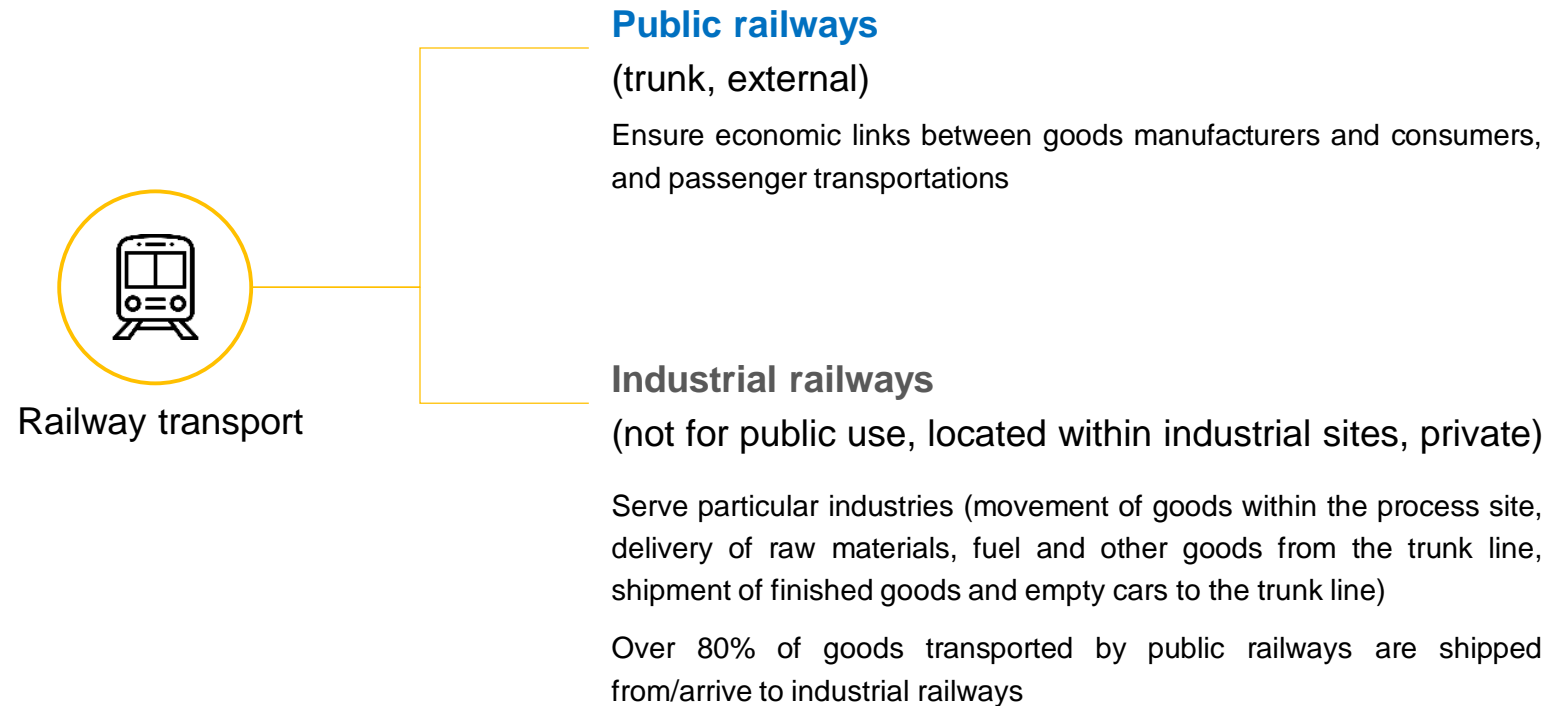


# Information Sources

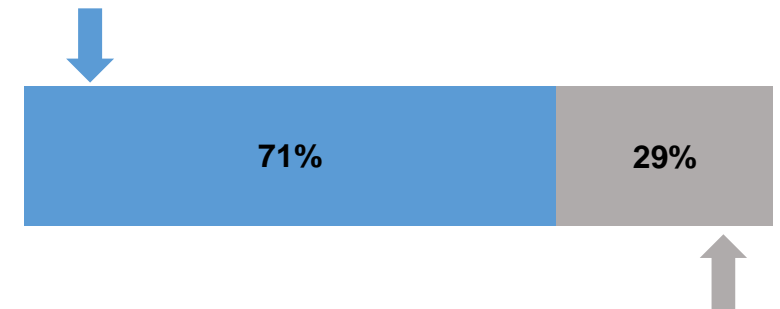
## Information sources:

By Type	Inquiries			Public sources			
By Level	Data from the governments of constituent entities of the Russian Federation		Data from the territorial agencies of federal authorities and federal services of the Russian Federation		Data from the central bodies of federal authorities and federal services of the Russian Federation		Data from private companies
	Russian regions being part of the Barents Region, and constituent entities having high investment attractiveness		The data applies to the group of regions on a territorial basis		The data applies to the entire territory of Russia		JSC Russian Railways
By Institution	Transport authorities	Rail transport authorities and their agencies	Russian border crossing points development authorities	Customs authorities	State Border Service departments	Statistics Service departments	Economic development agencies

# General Data on the Russian Railway Infrastructure

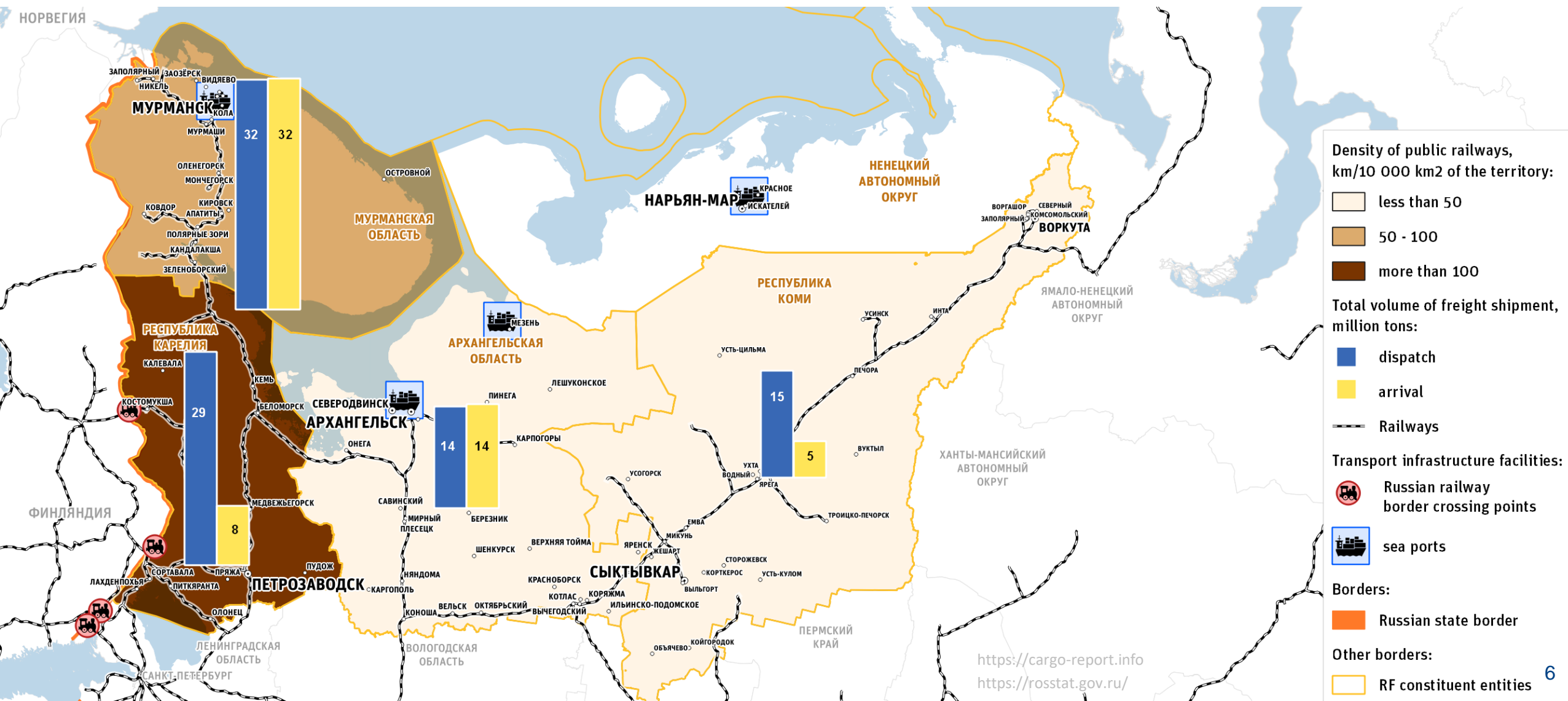


Public railways in Russia – 87 thousand km  
(as of the end 2020)



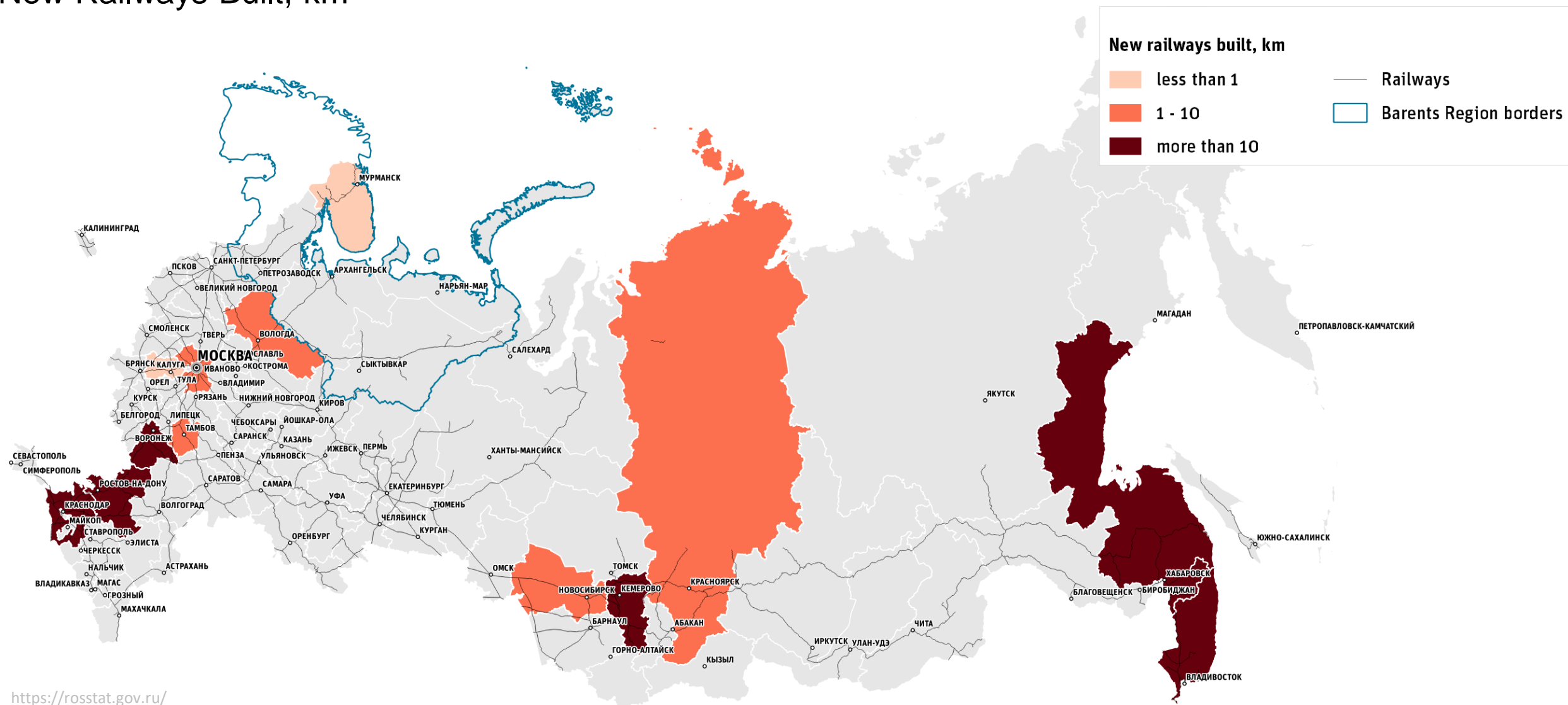
Industrial railways in Russia – 35 thousand km  
(as of the end 2020)

# Railway Infrastructure Characteristics

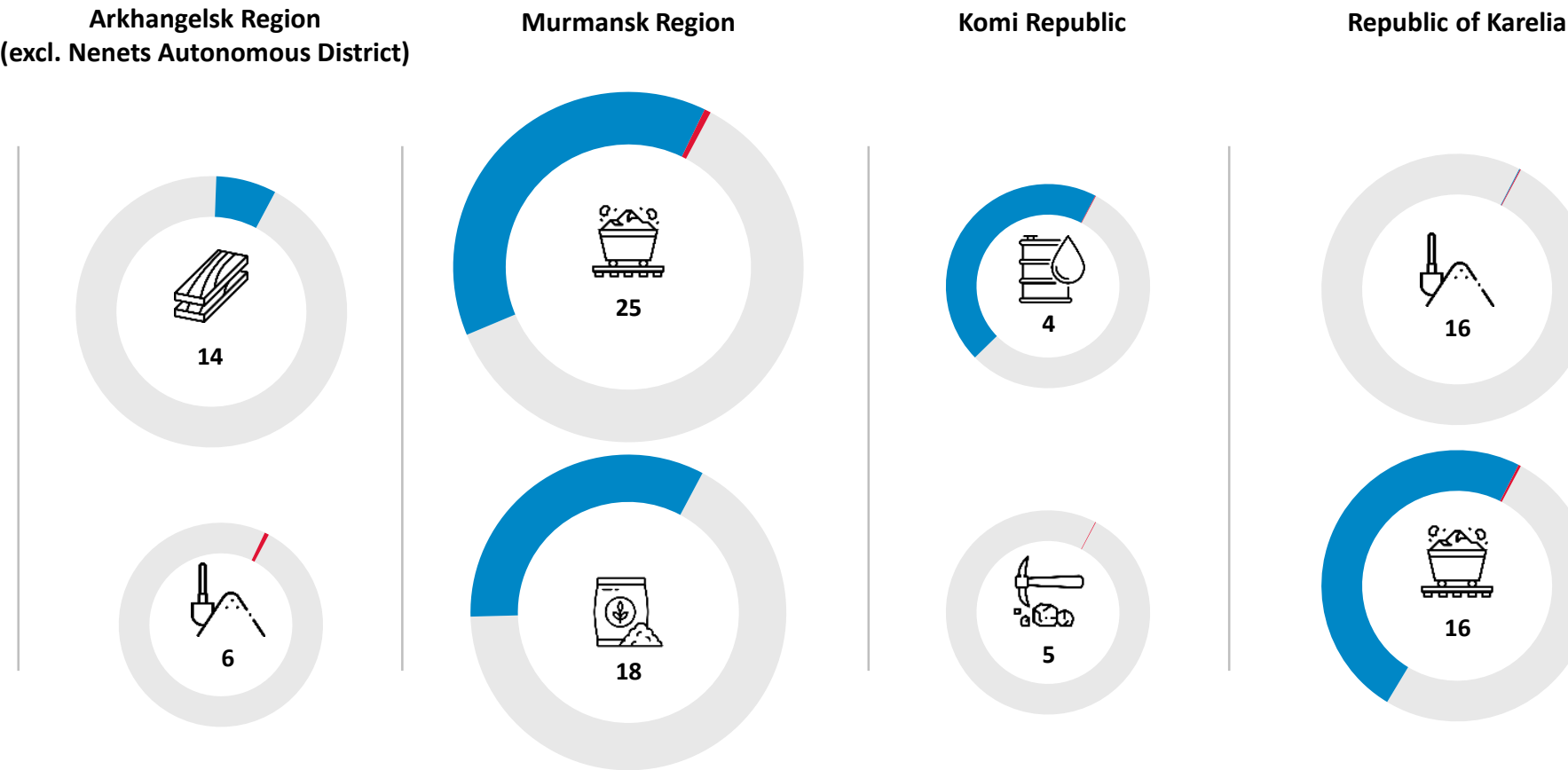




## New Railways Built, km



# Railway Stations Operating Volume by Commodity and Transportation Type





## Development Potential of Railway Transportation, million tons

Commodity groups that have the potential to increase the containerization level:



timber



agricultural products



ferrous metals



fertilizers



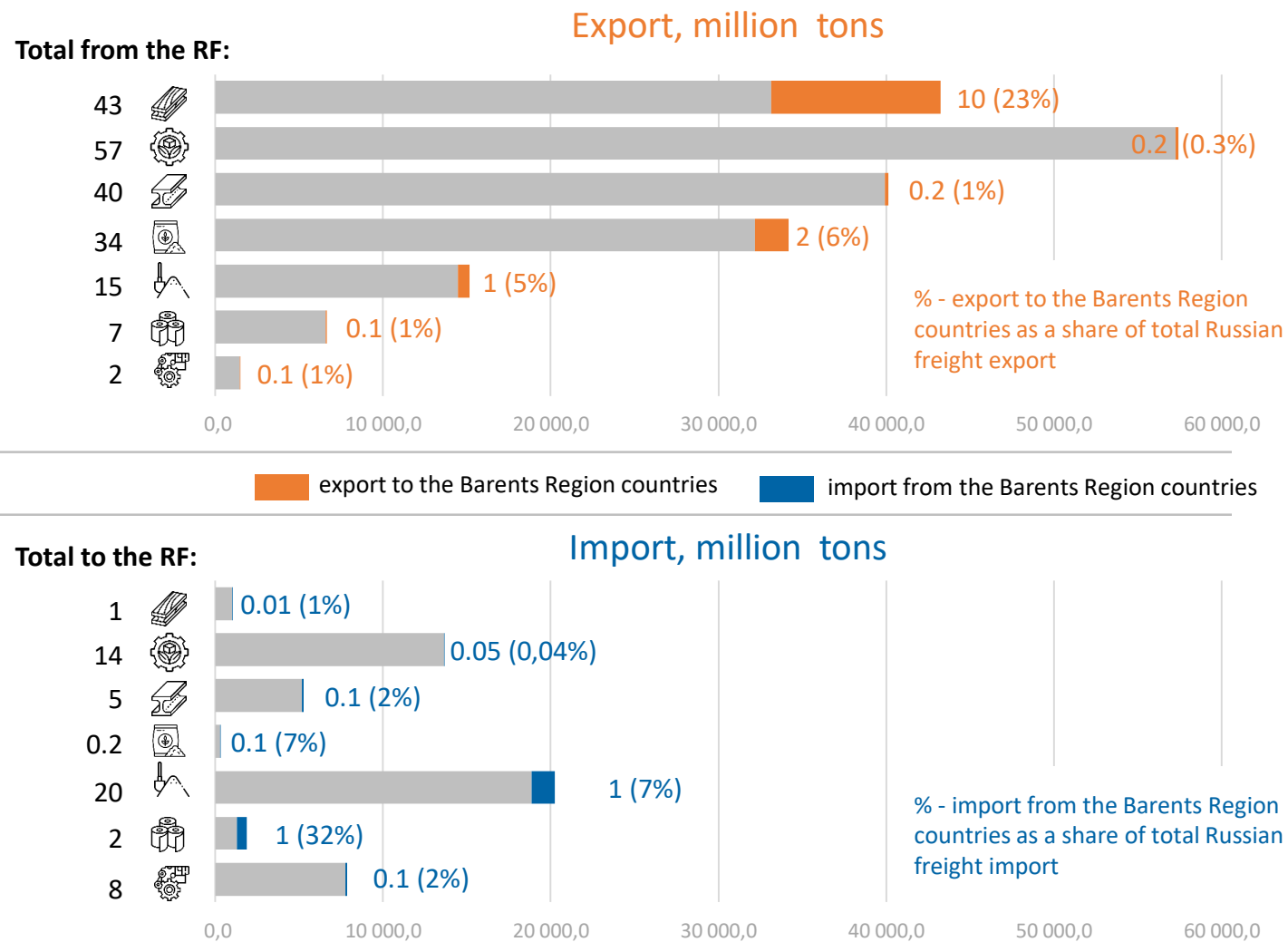
salt, sulphur, minerals and construction materials



pulp and paper industry products














machines and equipment

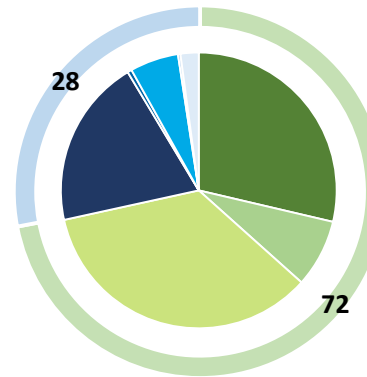


# Actual annual capacity of the border crossing points on the Russian Federation border, 2021

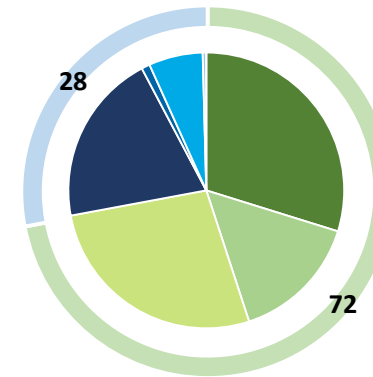
## Automobile border crossing points

Border crossing point on the RF territory		Region	Bordering state	Bordering crossing point
	Brusnichnoye	Leningrad Region	Finland	Nuijamaa
	Svetogorsk			Imatra
	Torfyanovka			Vaalimaa
	Värtsilä	Niirala		
	Inari	Inari		
	Lyttä	Vartius		
	Suoperä	Kuusamo		
	Syvääoro	Parikkala		
	Salla	Murmansk Region		Kelloselkya
	Lotta			Raja-Jooseppi
	Borisoglebsk		Norway	Storskog

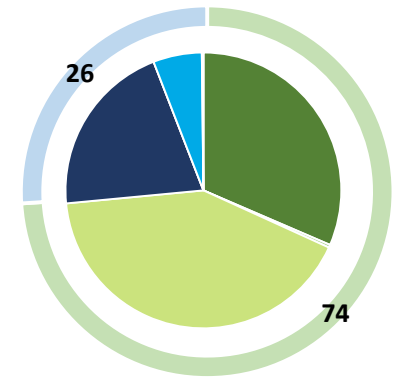
Share of the border crossing point by the number of individuals allowed through, %



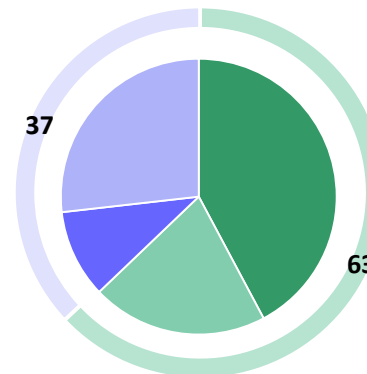
Share of the border crossing point by the number of trucks allowed through, %



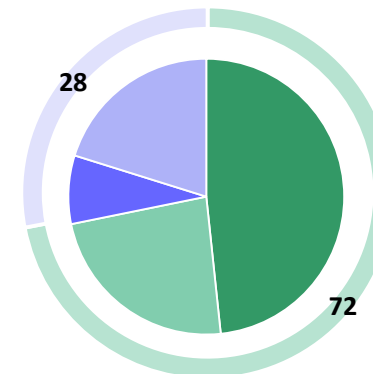
Share of the border crossing point by the number of passenger vehicles allowed through, %



Share of the border crossing point by the number of individuals allowed through, %



Share of the border crossing point by the number of freight trains allowed through, %



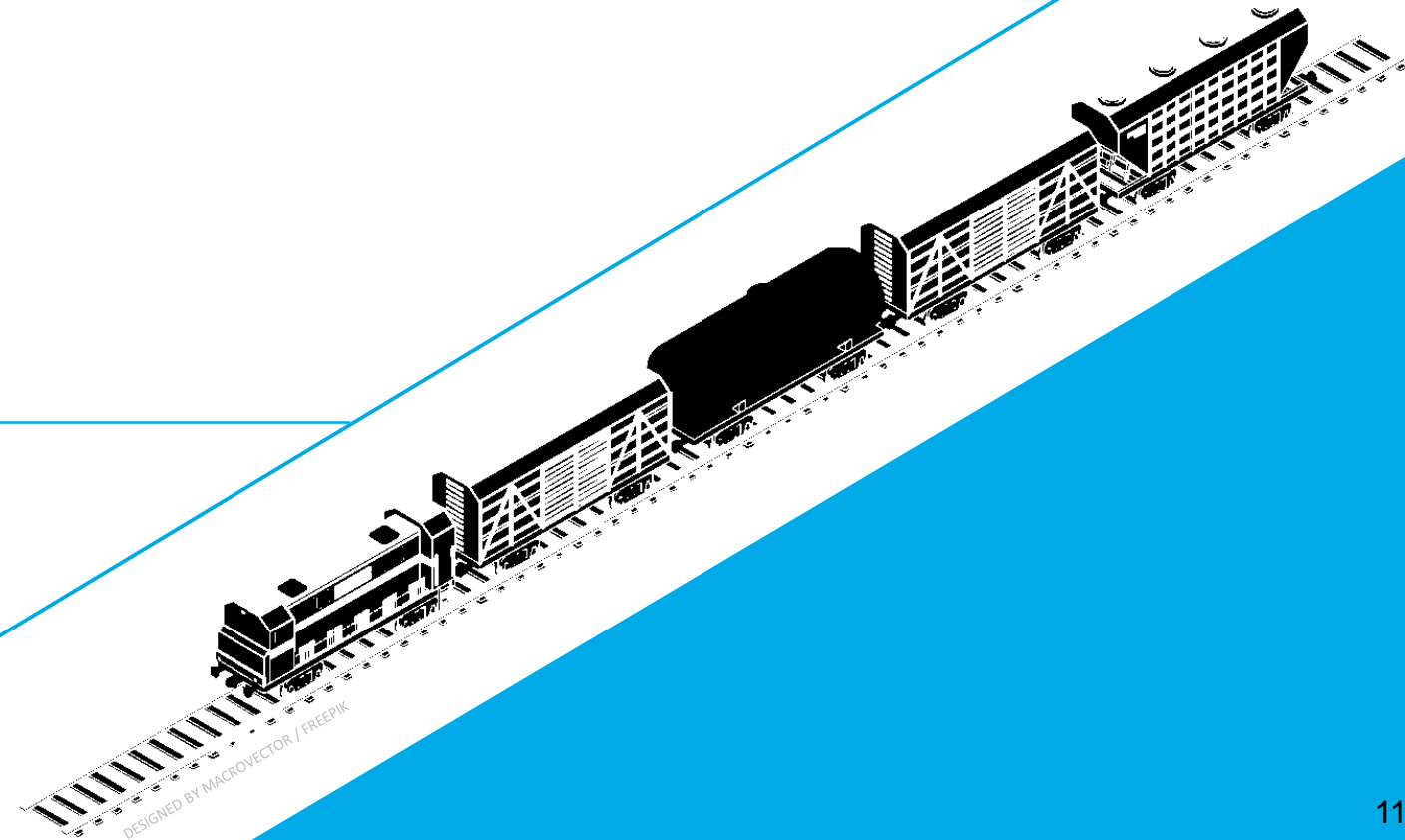
\*72 - total share of border crossing points by regions

## Railway border crossing points

Border crossing point on the RF territory		Region	Bordering state	Bordering crossing point
	Buslovskaya	Leningrad Region	Finland	Vainikkala
	Svetogorsk			Imatra
	Värtsilä	Republic of Karelia		Niirala
	Lyttä			Vartius

## Section 2

# Future Development



## Analysis of Policy Documents



The number of documents used to select railway infrastructure development projects

8



Selected projects to create the scheme

219



The number of Russian regions expected to develop railway infrastructure in their territory

67



The number of projects implemented in the Barents Region

12

## Main Policy Documents

- Land-use planning scheme of the Russian Federation in the field of federal transport (railway, air, sea, inland water transport) and federal highways
- Transport Strategy of the Russian Federation to 2030 with the forecast for the period to 2035
- Long-term Development Programme of JSC Russian Railways to 2025
- Development Strategy of the Russian Arctic Zone and Provision of National Security for the period to 2035
- National Programme of the Russian Federation “Development of the Transport System”
- Integrated plan of the trunk infrastructure modernisation and expansion for the period to 2024, including the federal projects identification summaries:
  - Railway transport and transit
  - Communications between centres of economic growth

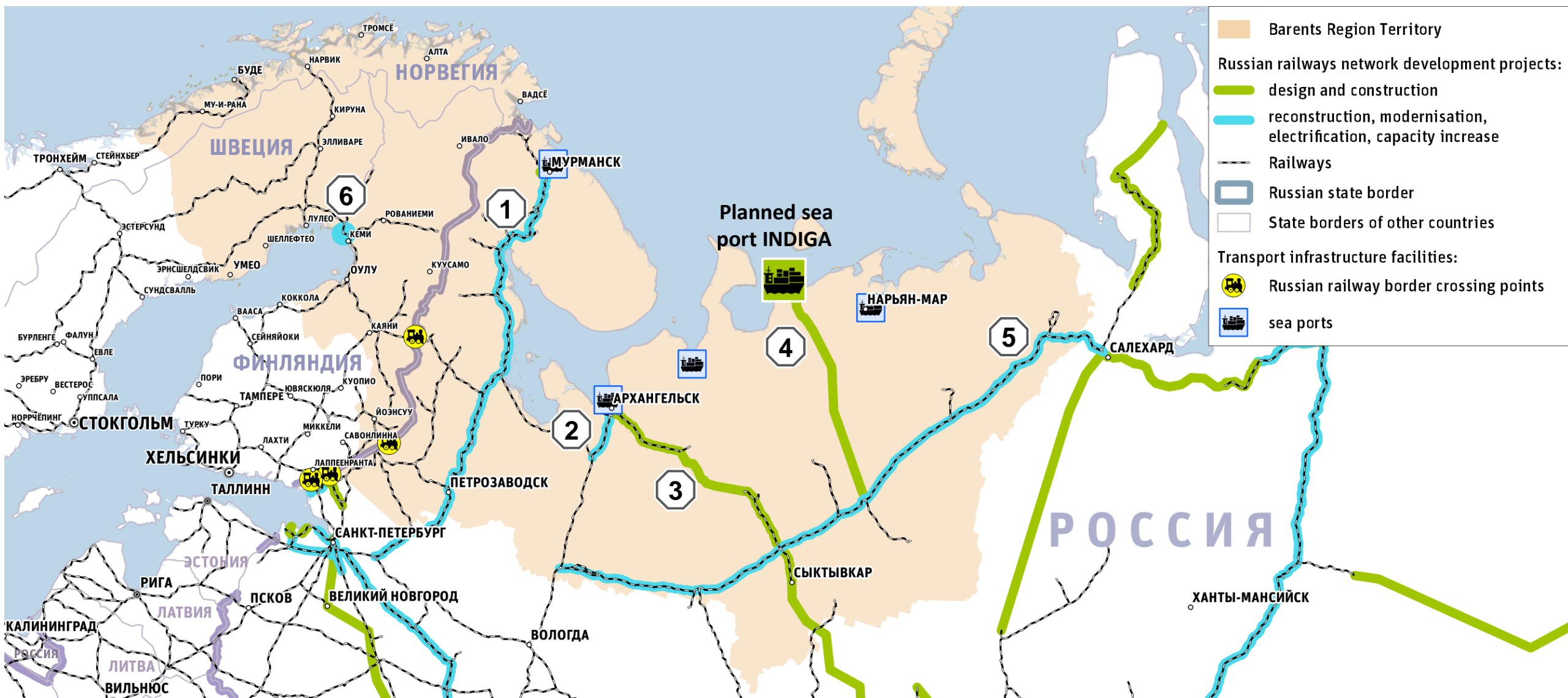
## Types of work to be performed

- Construction, reconstruction, capacity increase, modernisation, electrification of railway tracks
- Construction and reconstruction of railway stations

# Russian Railways Network Development Projects



# Russian Railways Network Development Projects. North-West Region



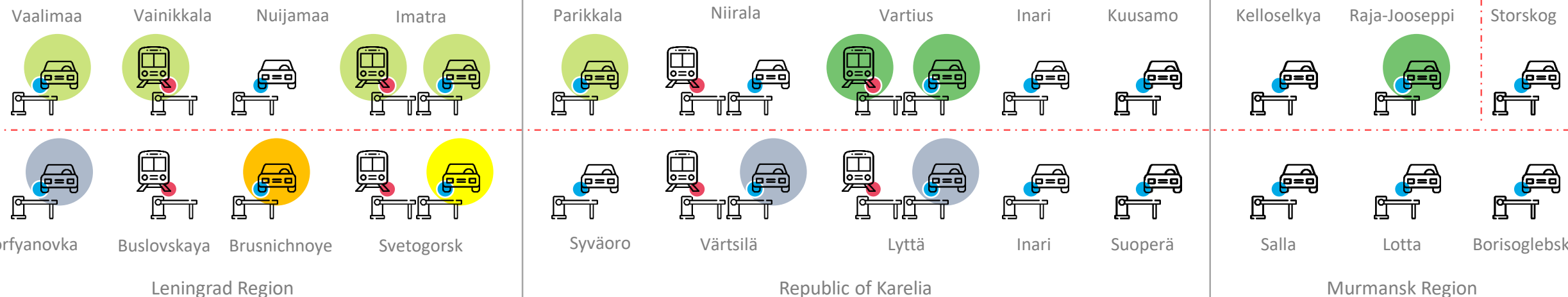


# Development of Border Crossing Points



NORWAY

FINLAND



RUSSIA





KO4159 Northern Axis – Barents Link (NABL) Project  
Lead Partner  
Regional Council of Kainuu  
Project Manager Tatiana Petrova  
Phone: +358 44 410 0727  
e-mail: [tatiana.petrova@kainuunliitto.fi](mailto:tatiana.petrova@kainuunliitto.fi)

