MINISTRY OF TRANSPORT OF THE RUSSIAN FEDERATION

UNITED NATIONS ESCAP
Economic and Social Commission for Asia and the Pacific



Capacity Building Workshop on Rail Connectivity between South-East Asia and North/Central Asia

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Ministry of Transport of the Russian Federation

MISSION

to develop the world's most efficient transportation system
to enhance economic competitiveness and quality of life

2030 Transport Strategy of the Russian Federation (with forecast to 2035)

Adopted in November 2021 by the Government of the Russian Federation
Fundamental document for national transport sector

Goals

Development of international transport corridors through the Russian Federation

Increase of ITCs' usage efficiency

Increase of transport infrastructure carrying capacity

Development of transport & logistic centers (dry ports)



TAR North Corridor

Ongoing work:

Modernization of rail access
to Baltic, Barents and White Sea ports
(2024 – 145,6 million tons of carrying capacity)

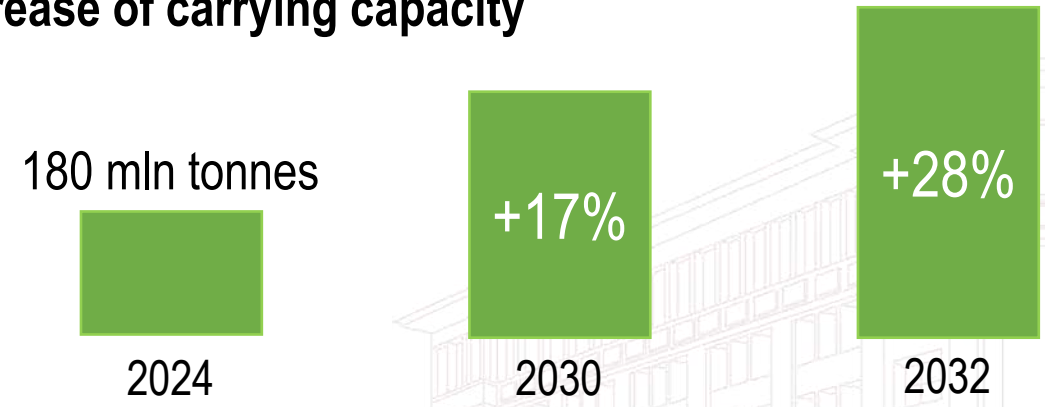
Modernization of freight logistics in urban centers,
i.a. in Moscow and Saint-Petersburg
(~27 million people together)

- ✓ Less border crossings
- ✓ High carrying capacity
- ✓ Less transshipments and gauge changes

The most stable, reliable and effective corridor for transit and export-import freight operations

Modernization of Baikal-Amur Mainline and Trans-Siberian Railway

Increase of carrying capacity







Construction works:

Second tracks along the mainline
New tunnels and second-track tunnels
Bridge over river Amur
Khabarovsk rail bypass
Development of Nakhodka transport hub

Modernization to be completed by 2035

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ITC NORTH-SOUTH

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3 routes, connecting Russia with Central and South Asia, Persian Gulf and Africa

Construction of missing rail link between Rasht and Astara (Islamic Republic of Iran), agreement signed in 2023, completion of project in 2028



December 2024 – Agreement with Azerbaijan on transit freight operations development along the ITC North-South Cooperation with Azerbaijan on border crossing points, development of rail, road, port and logistic infrastructure

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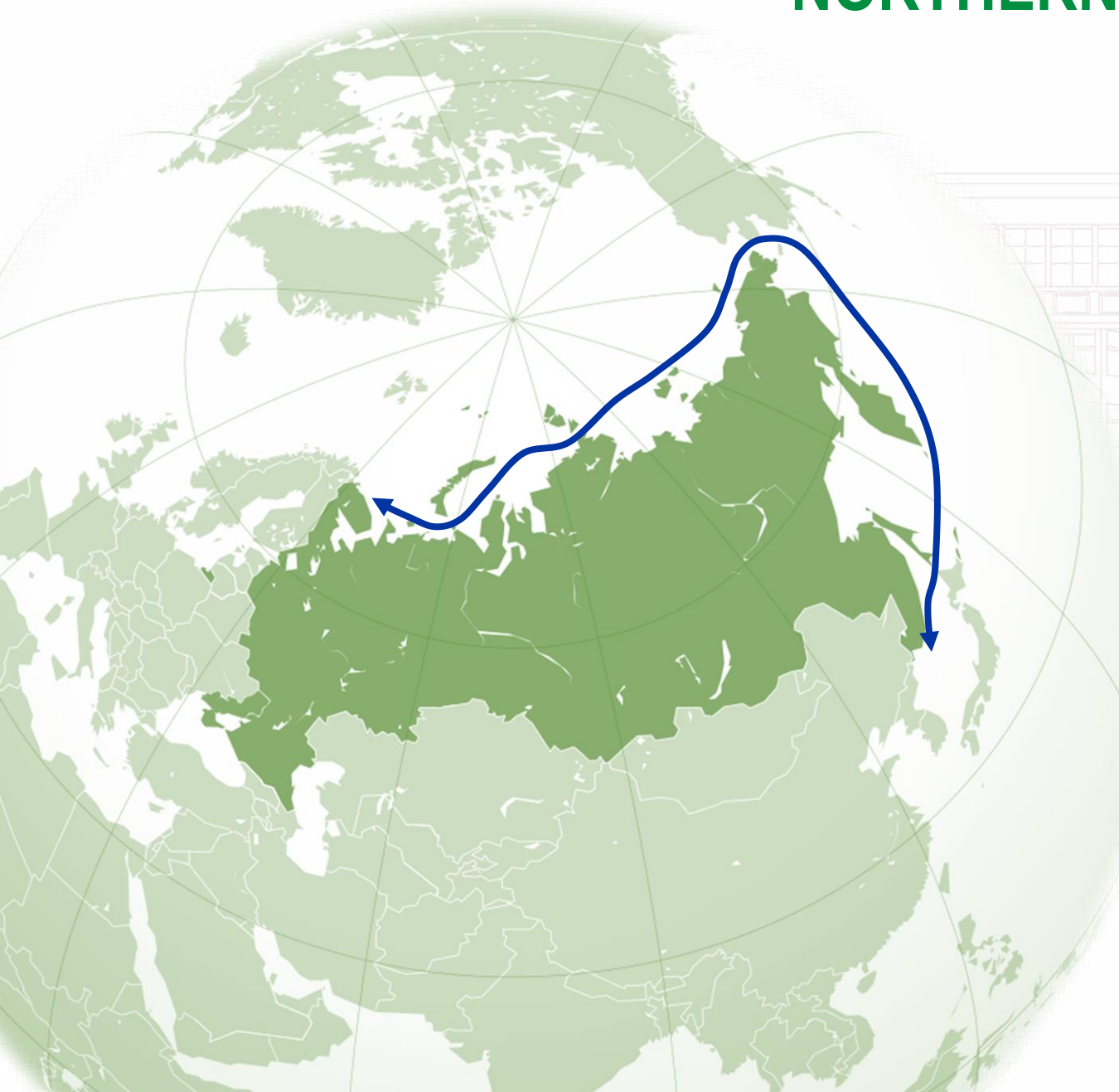
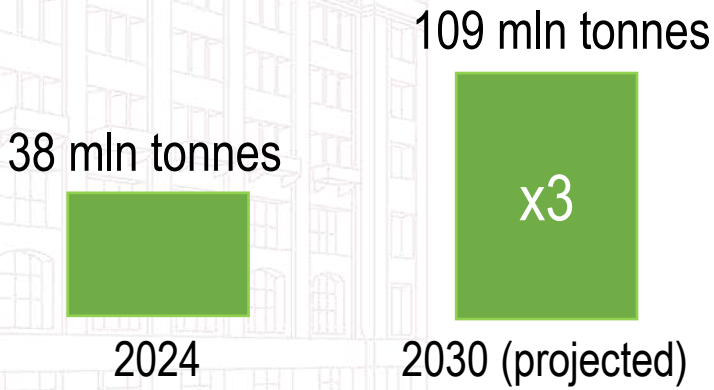
NORTHERN MARITIME ROUTE



1,5x less time to deliver goods compared to routes through Suez canal

Increase of NMR freight volume



Key projects:

Construction of icebreaker fleet

Development of Murmansk port capacity up to 100 mln tonnes

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BORDER CROSSING POINTS

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Road cross-border bridge Blagoveshchensk – Heihe



Rail BCP Zabaikalsk - Manchuria



Rail cross-border bridge Nizhneleninskoye - Tongjiang

19 BCPs between Russia and China

BCPs have been modernized

2023	2024
75	85

Modernization of all border crossing points to be completed by 2027

25 investors, including:

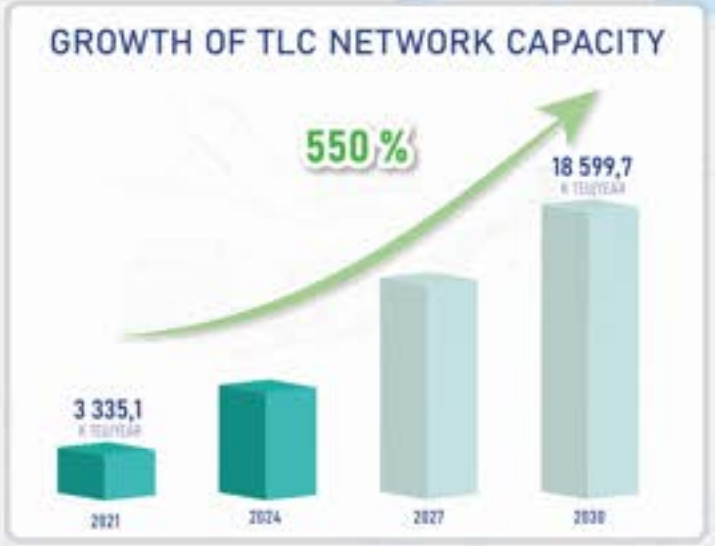
JSC RZD (17 TLCs)

PJSC "TransContainer" (12 TLCs)

JSC "Eurosib SPB – Transport Systems" (7 TLCs)

Coverage: 27 regions of the Russian Federation

Ministerial Project "Formation of a Network of Transport and Logistics Centers"





61 TLCs (dry ports)

No state funding

Private investment will total ~$3 billion by 2030

Container traffic volume on Russian Railways (2024)

Total	4,8 million TEU	**+8,3%** to 2023
Internal traffic	3,1 million TEU	**+2,4%** to 2023
Transit traffic	1,5 million TEU	**+50%** to 2023
Export traffic	**+50%** in last 6 years	

National Development Goals of the Russian Federation

x1,5

increased traffic volume
along international transport corridors

by 2030

Continuous container traffic growth along with ambitious goals
stimulates the development of dry ports network in the Russian Federation

INNOVATIVE SOLUTIONS

Digital transport by 2030

90% transportation documents in electronic form

65% travel with electronic confirmation







Inspection and screening equipment



By the end of 2027, **21 border crossing points** will be supplied with high-tech equipment

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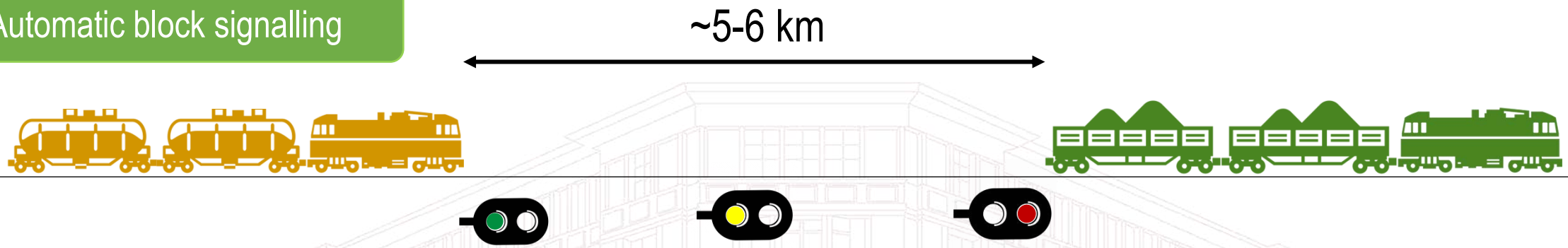
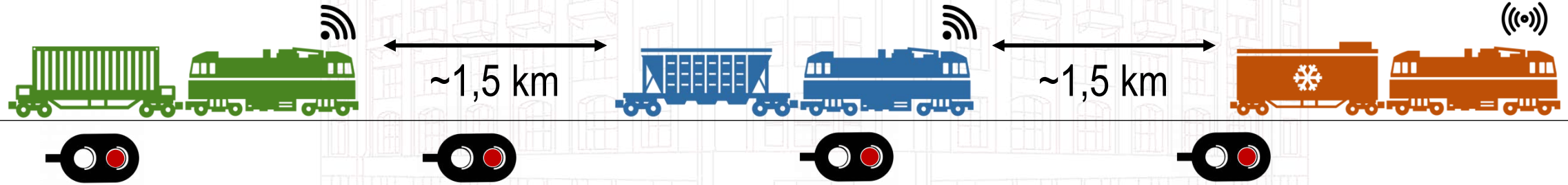
RAIL "VIRTUAL COUPLING"

Automatic block signalling



"Virtual coupling" technology



- Minimal energy consumption
- No physical connection between trains
- Radio exchange of data between trains

- ✓ Carrying capacity increased by 15%
- ✓ Interval time between trains reduced to 8-10 minutes
- ✓ Additional 5 mln tons of freight volume transported

THANK YOU FOR YOUR ATTENTION!

