



Freight Village RU

The projects, aimed to improve infrastructure connectivity

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GROUP STRUCTURE

TRANSPORT-LOGISTICS CENTERS

VORSINO

On the border of New Moscow and Kaluga region territories



ROVA

Kaluga region

CONTAINER OPERATOR



Freight Village RU

LOGISTICS AND INDUSTRIAL OBJECTS



COMPLEX LOGISTICS AND CUSTOMS

Individual transport-logistics decisions



VORSINO



Location

Freight Village of the federal format is a part of the industrial park “Vorsino” and is located on the border of New Moscow and Kaluga region.

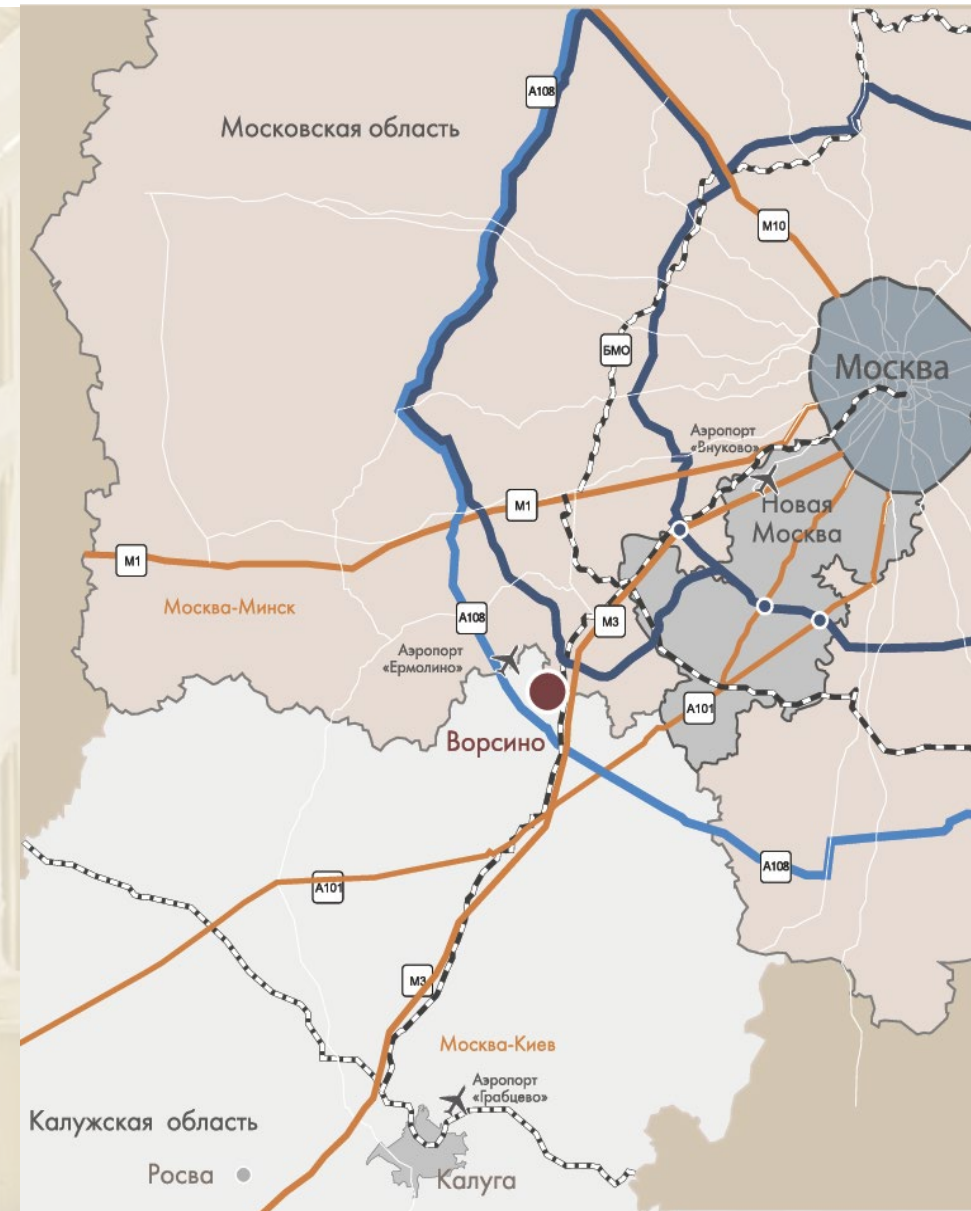
67 
km from
Moscow

570 
ha

350 
thousand TEU
per year

Advantages

- Comfortable location
- Modern infrastructure
- Class A cross-docking warehousing





Location

Transport-logistics center of the interregional format is built and is working to optimize the logistics operations of the industrial parks Grabtsevo, Rosva, Kaluga-Yug residents and other foreign economic activity participants.

180



km from
Moscow

18



km from
Kaluga

100

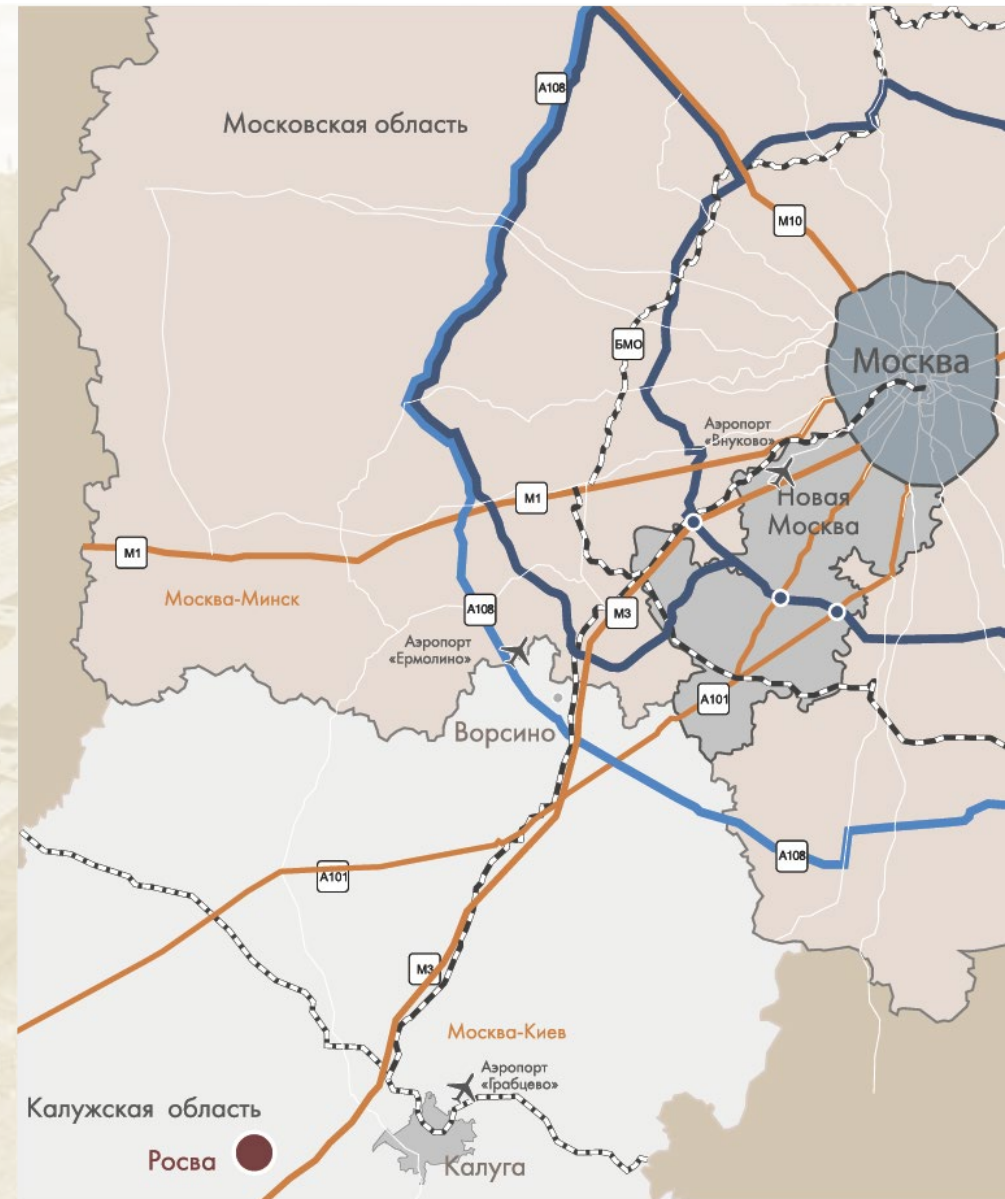


thousand TEU
per year

64



ha



CONTAINER OPERATOR



Transport-logistics operator providing complex service in container cargo transportations on own and rented wagon and container fleet



Cargo freight forwarding



Regular container trains



Last mile delivery



Intermodal logistics



Smart Logistics



Customs clearance



Logistics outsourcing

2000 own and rented 80-ft. fitting platforms
3000 own and rented containers*

The company is providing the service of container transportations in the frame of accelerated container trains on the following directions:

- from China to Russia (import)
- from Russia to China (export)
- transit connection from China to Europe
- inner Russian connections.

*by the end of 2019


CONTAINER ROUTES VIA VORSINO



50 days
Sea Shipping
 Delivery time: 50 days
 Distance: 22 000 km



35 days
Far East Route
 Delivery time : 35 days
 Distance: 11 000 km



14 days
New Silk Route
 Delivery time : 14 days
 Distance: 7 750 km



CONTAINER CARGO MARKET TENDENCIES

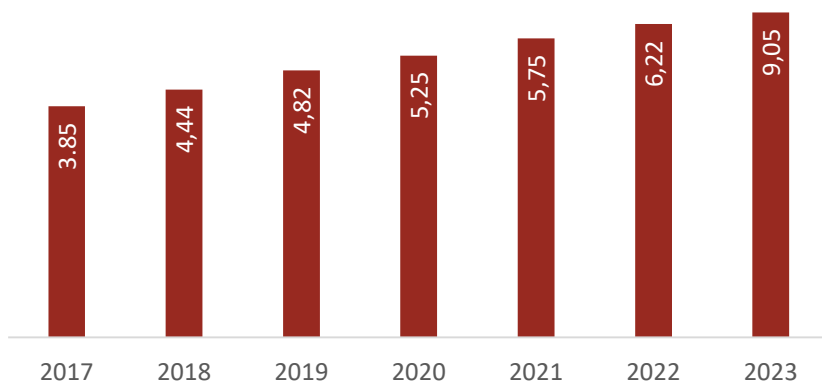


In Russia and Moscow transport knot

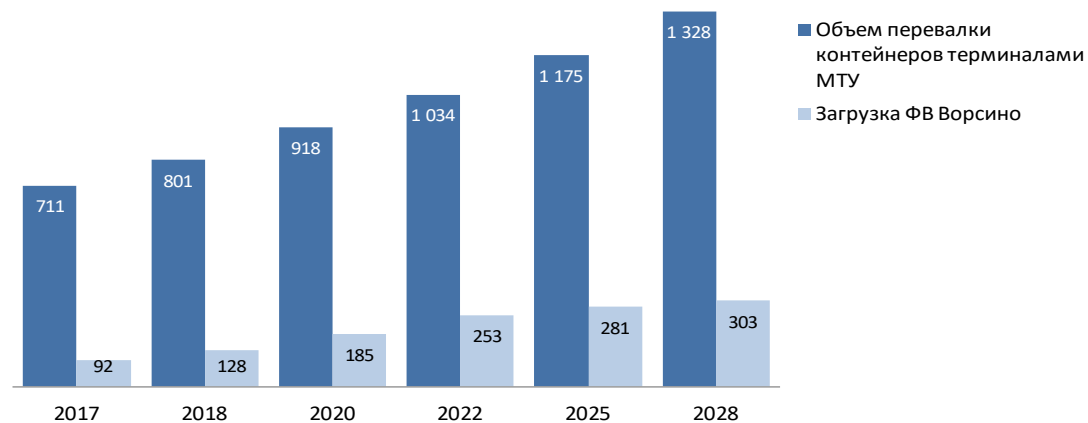
The Russian container market will grow 9% per year in average from 2019 to 2026

The Moscow transport knot in separate is expected to grow 12,2% per year

Volume of rail container transportation in Russia, mln TEUs



Container handling volume at MTK, thsd TEUs



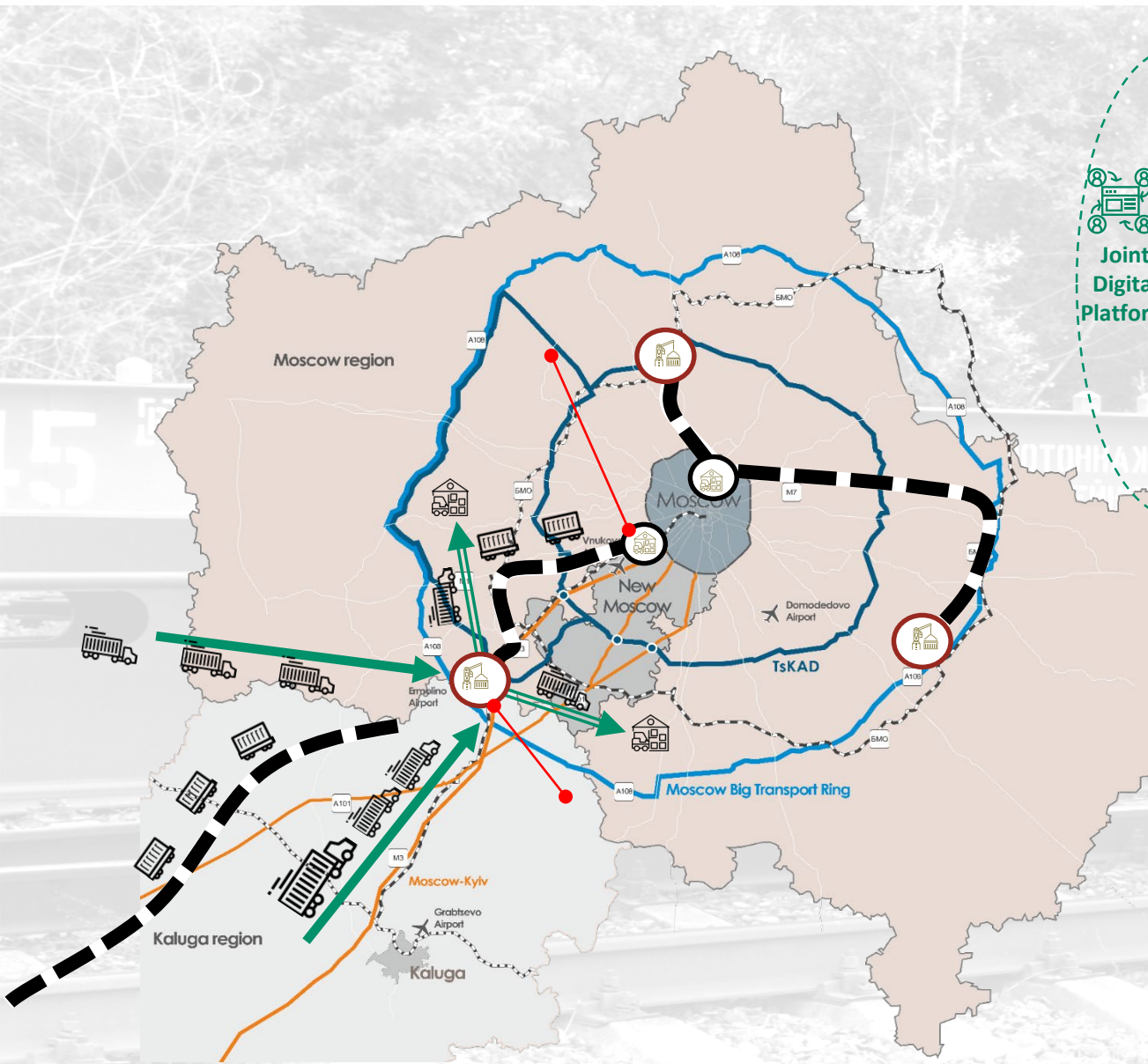
MEGAPOLIS DEVELOPMENT TENDENCIES

Key tendencies

- Movement of the industries, centers of consumption and entertainment to the suburbs of the cities
- Development of the industrial and logistics parks (new types of the joint infrastructures)
- Turn to the comfortable public transport development
- Formation of the comfortable and environmental city infrastructure
- Application of the new 'smart' technologies of the cities management



THE SATELLITE HUB



Joint Digital Platform

SMART TERMINAL



- Cross-docking for light-duty trucks
- Warehousing

SHATTLS («regular container trains»)



- Regular daily schedule irrespective the fallibility of the train
- The train length is suitable for the stations inside the city

FREIGHT VILLAGE // DRY PORT



- Customs operations, bonded warehouse
- Sort of containers by destination
- Container load/unload
- Train formation

Provision of the empty containers to the hub

«SMART LOGISTICS» TECHNOLOGY



Smart logistics – is:

- Fast cargo delivery in Moscow and the region according to the schedule
- The optimization of the client's expenditures and time frames for last mile delivery organization
- Optimization of the list of handling operations
- To possibility for the client to choose personal transport decision
- Cooperation with the Russian railways in project realization
- The possibility of container cargo delivery in domestic Russian directions from Vorsino terminal

The technology advantages for the client:

- Regular service in organizing “last mile delivery” by railways
- Custom clearance services, warehousing
- Maximum proximity to the client's warehouse, the possibility of cargo handling by private automobiles from the nearby stations
- Optimization of the expenditures for consignments handling and warehouses maintaining
- The reduce of container delivery waiting time

How does it work?

1



The arrival of full-length container trains (71 wagons) **from import and domestic Russian directions to Vorsino terminal**

2



Cargo customs clearance and containers de-consolidation

3



The cargo party formation for container shuttle (7-10 wagons) and its delivery from **Vorsino terminal to Moscow and Moscow region stations, distribution terminals**

4



Container de-consolidation, cargo delivery by low-tonnage transport to the destination client

5



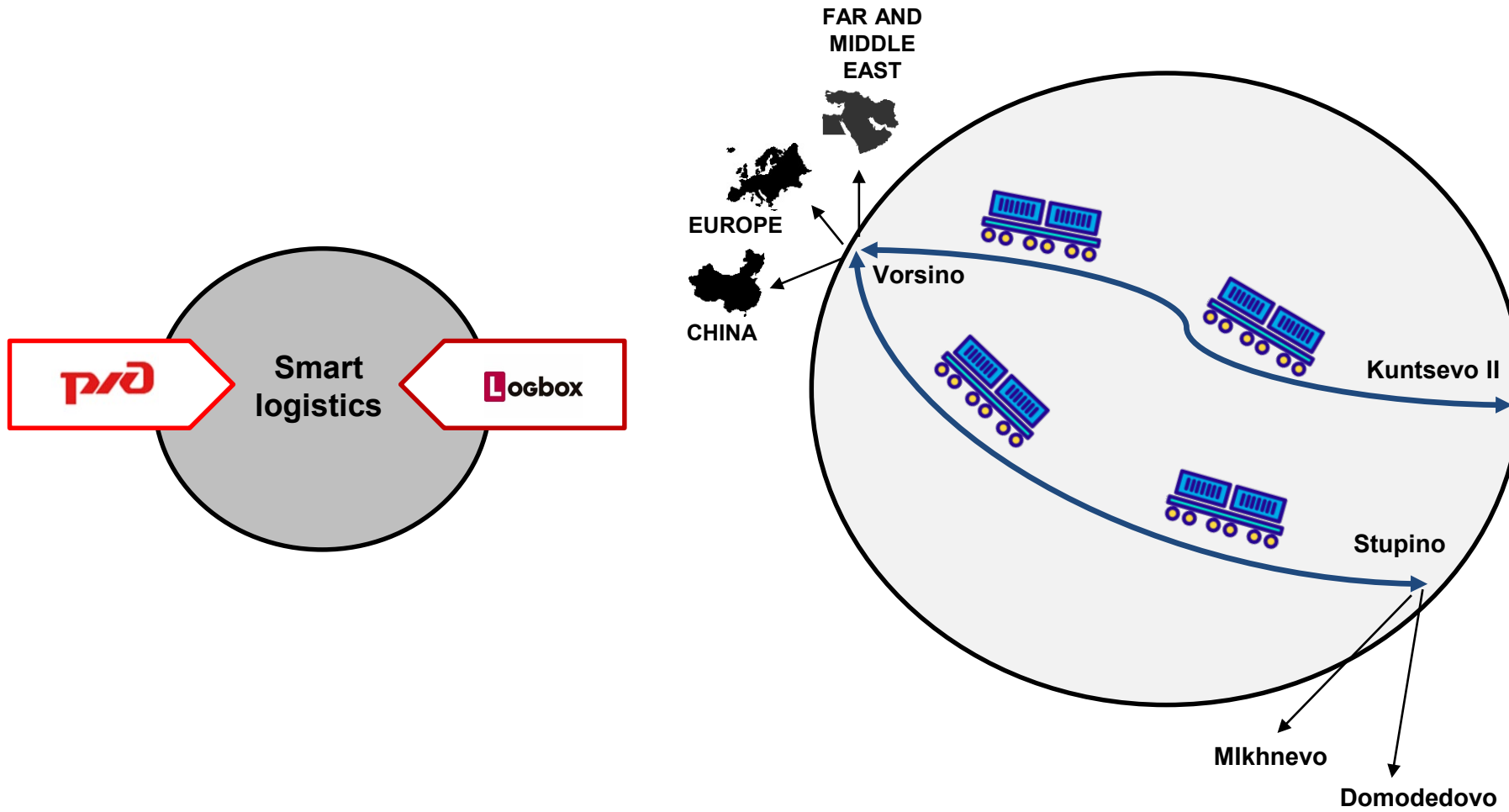
Container smart-shuttle cargo party formation and its delivery **from Moscow/Moscow region stations to Vorsino terminal**

6

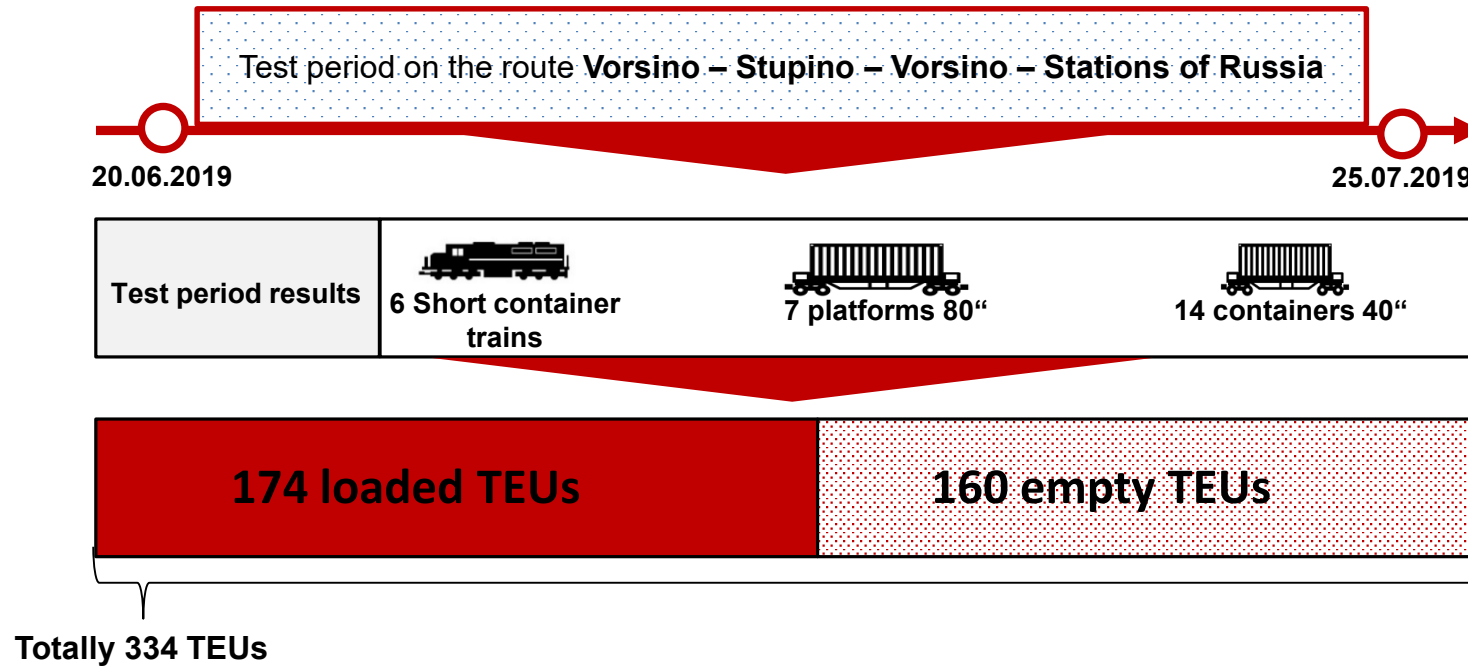


Container transshipment to the regular services of the container operators to be shipped **to the Russian regions**

SMART LOGISTICS DESCRIPTION



The “smart logistics” test period results

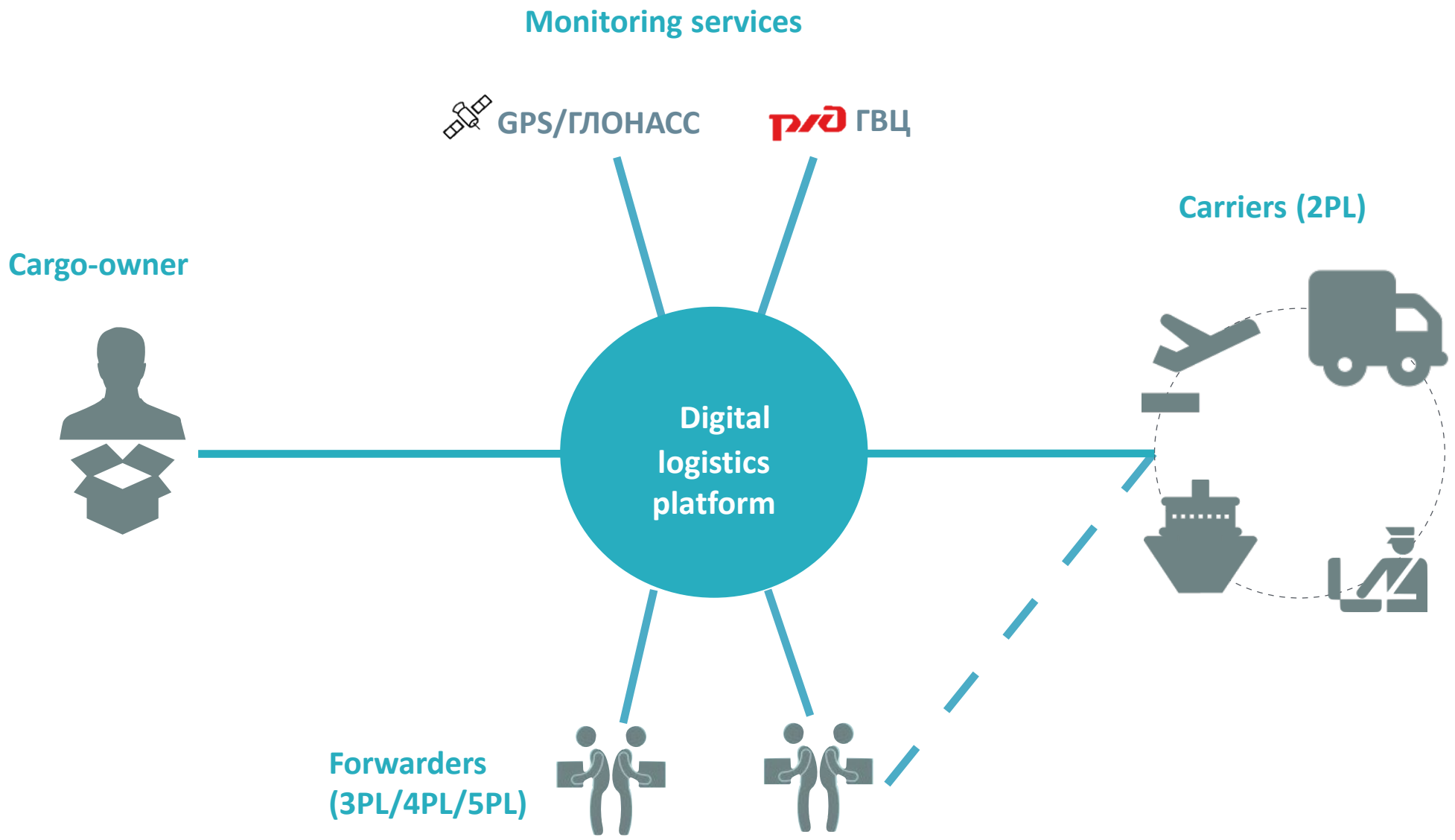


FREIGHT VILLAGE DEVELOPMENT PLAN





THE PERSPECTIVE MODEL OF TRANSPORT-LOGISTICS MARKET PARTICIPANTS COOPERATION



FREIGHT VILLAGES DEVELOPMENT LIMITATIONS

in context with international transportations

Aspects of Freight Villages' sustainable development:

- standardization of the terminal-logistics processes worldwide;
- definition of the freight villages, transport-logistics centers, container terminals and the different between it;
- the unified legal and regulatory framework on the national and international levels, establishing the relations between the participants of the terminal processes.





THANKS FOR YOUR ATTENTION!



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