

***Complex Approach to the Competitive Growth of the  
Land Transport Corridor  
"East-West"***

**The Report of Senior Vice-President JSC RZD B. Lapidus**

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## 2008-2015 Modernization of railway transport

- ➔ Formation of the effective transport-logistic holding company RZD
- ➔ Accelerated modernization of the existing industry's material and technical base
- ➔ Beginning of the investment projects financing from the investment funds
- ➔ Development of the public-private partnership
- ➔ Development of the approaches to Russian sea ports
- ➔ Creation of high speed line Saint-Petersburg – Moscow
- ➔ Activation of design and survey works for the construction of new railway lines

## 2016-2030 Phase of the railway network dynamic enlargement

- ➔ Full-scaled realization of the state policy for railway transport development
- ➔ Enlargement of railway network by 20 thous. km
- ➔ Entrance to the world level of technological and technical development
- ➔ Container transit increase up to 1 million TEU per year
- ➔ Creation of EurAsEC single transport area

# Renewal of Rolling Stock in 2008-2030

Renewal of rolling stock (acquisition and modernization)	Requirement in Renewal in 2008 - 2030
Renewal of locomotive stock	<b>23397 locomotives</b> (including acquisition – 19226, modernization – 4171)
Renewal of freight wagons	<b>996000 wagons</b>
Renewal of passenger cars	<b>23064 passenger cars</b> (including acquisition – 21367, modernization – 1697)



# Perspective topology of Russian Railway Network Development until 2030

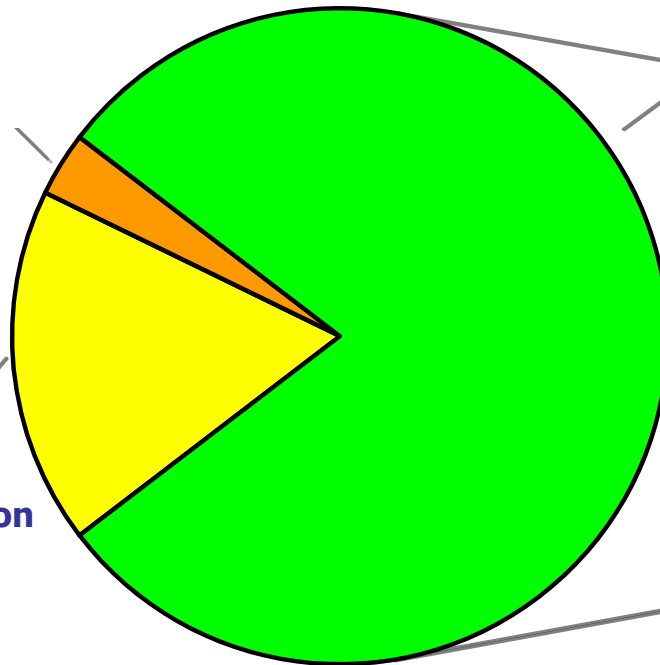
## Maximum variant



# Investments Distribution for the Development of Railway Transport for common and uncommon usage in Russian Federation until 2030 (billion USD)

Russian Federation Subjects  
23 billion \$  
(4,5 %)

Russian Federation  
105,3 billion \$  
(20,6%)



Private investors  
382,7 billion \$  
74,9%

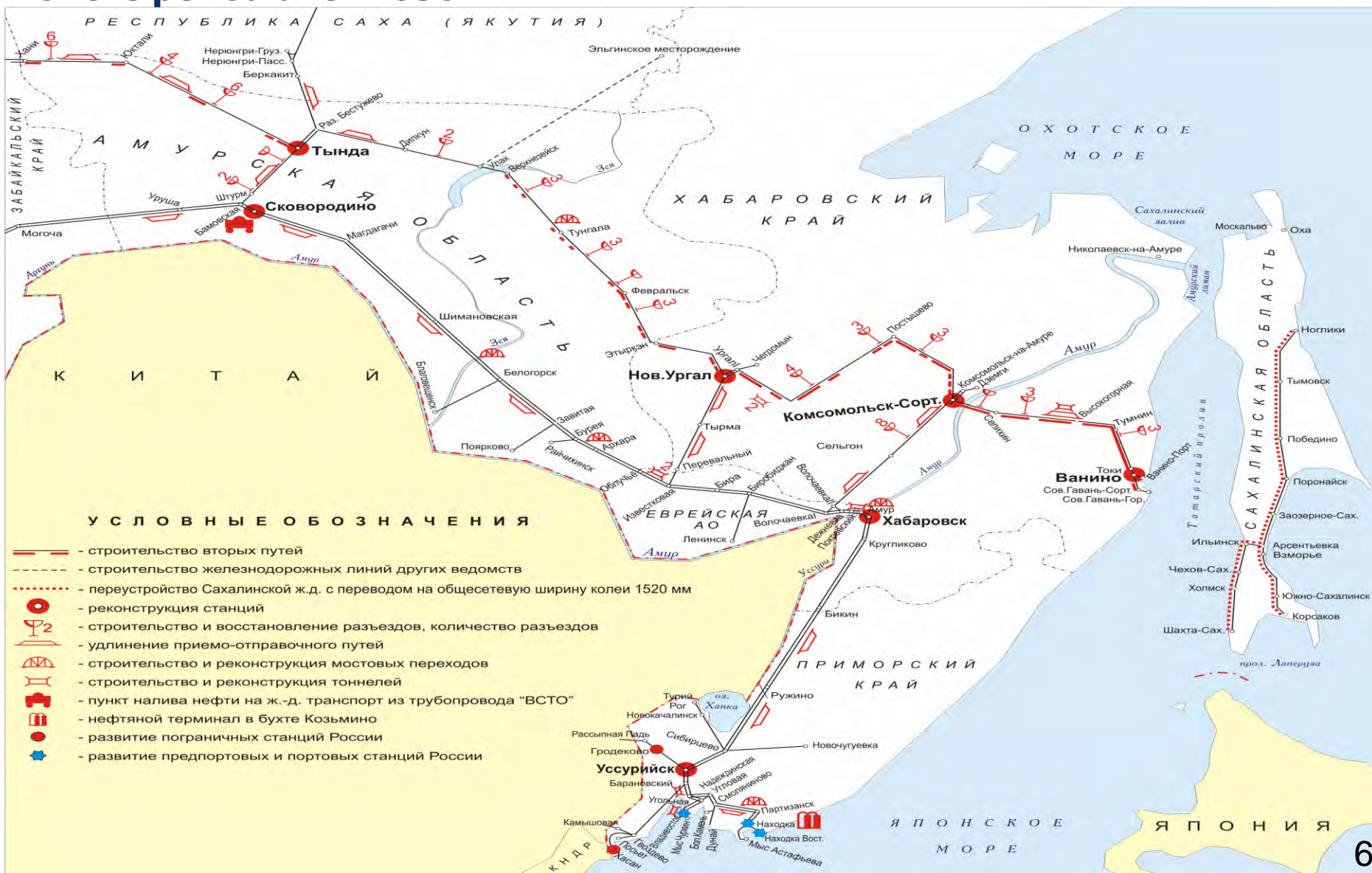
Holding company RZD  
218,2 billion \$  
(42,7%)

Other private investors  
(industrial transport)  
115, 5 billion \$  
(22,6%)

Other private investors  
(common usage)  
49,0 billion \$  
(9,6%)

**Total – 511 billion USD**

# Basic Undertakings in Railway Infrastructure Modernization on the ways to ports in Far-East Region for the period until 2030



# Basic undertakings in Trans-Siberian Railway's Infrastructure Development

**Enlargement of container terminal network for the handling of multi-tonnage containers**

**Reconstruction of stations with the extension of receiving and departure tracks up to 71 relative wagons**

**Modernization and strengthening of electric supply devices, informatization and communication devices, eight signaling equipment**

**Building of by-passes to railway junctions in Perm and Chita regions**

**Building of the second construction stage of the railway river crossing over Amur river near Khabarovsk city**

**Development of border stations Zabaikalsk, Naushki**

**Completion of the second tracks building in segment Karymskaya-Zabaikalsk with potential electrification**

**Total investments in the development of direction from Nizhny Novgorod to Nakhodka for the period until 2015 – more than 170 billion rubles**

**Development of port stations at railway junction in Nakhodka region servicing Vostochny and Nakhodka ports**

# International Transport Corridor

## «East – West»


Containers delivery time across the territory of Russia – 11 days,  
perspective goal – 7 days

Corridor Nakhodka – western border of Russia  
length – 9867 km





# Basic Parameters of the Product «TSR for 7 days»

New technologies in intermodal transportation	
New technologies in cooperation with custom services	
New technical characteristics of the infrastructure	
New fleet of locomotives and wagons	
Usage of the broad array of containers	
New possibilities in container tracing	
New system of tariffing	
New system of sale	

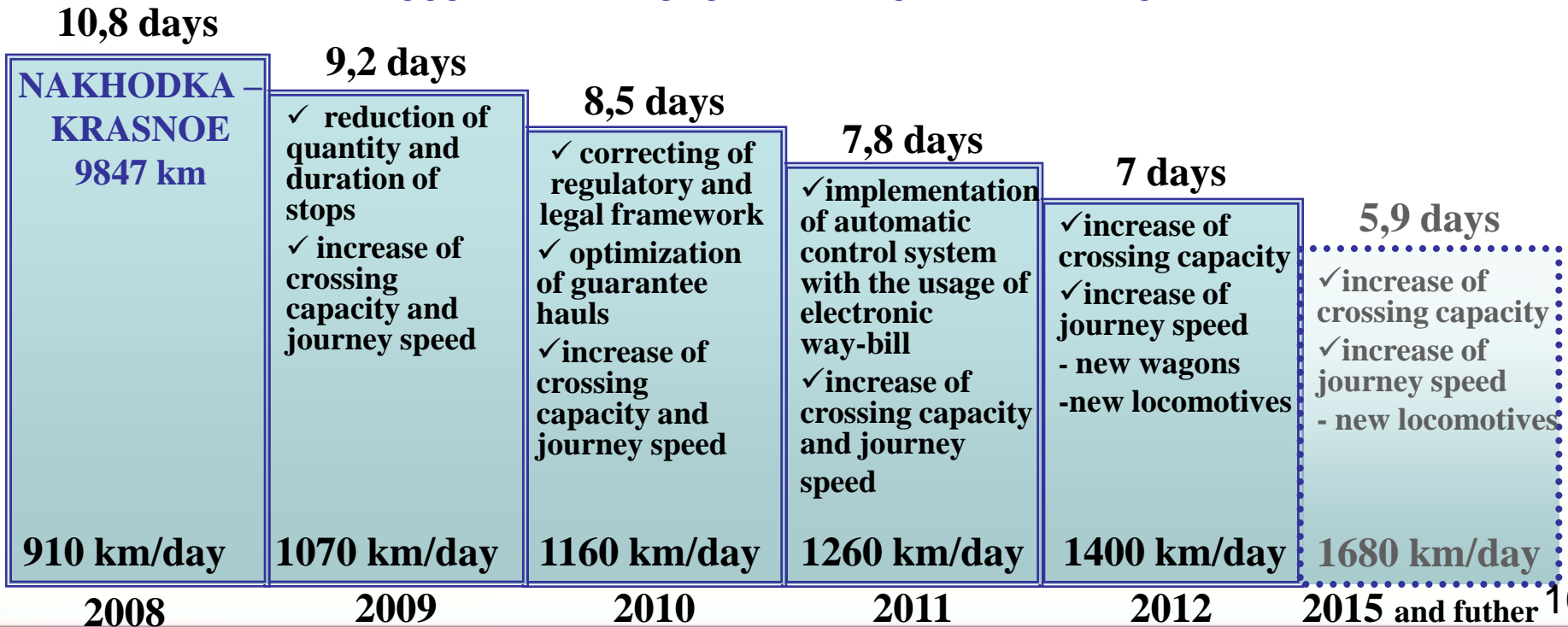
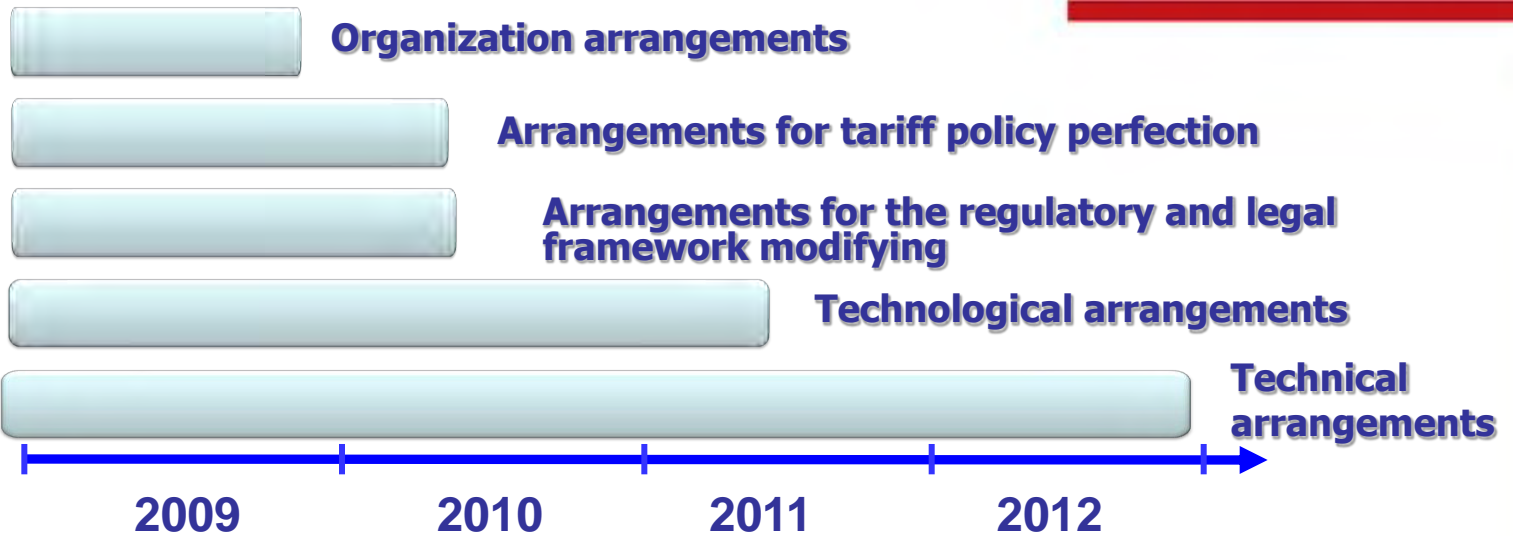
## Product «TSR for 7 days»

- Eurhythmmy;
- Delivery time;
- Fixed delivery schedule;
- Accuracy of schedule abidance;
- Possibility of the online containers movement tracing;
- Safety of cargoes in container;
- Single transportation operator;
- Single transport document;
- Transport-logistic service Complex;
- Flexible system of prices;
- Through tariff.

# Formation Stages for the Product

## «TSR for 7 days»

**Reference:**  
*technical speed of freight trains movement via West-Siberian railway for 11 months 2008*  
 57.8 km/ hour



# Perspectives of Terminal-Logistic RZD's Complexes Development

- Ports
- Terminal-logistic centers
- Intra-modal terminals
- Grouped terminals
- Feeder terminals

