

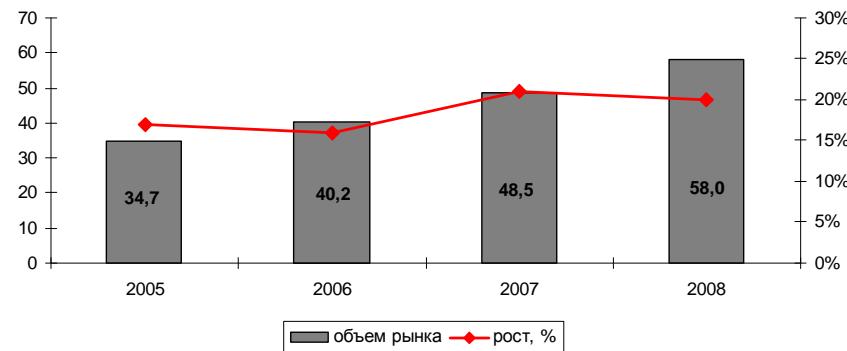
*Logistic approach to the development of railway container
transportation between Europe and Asia using the potential of
Trans-Siberian route*

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

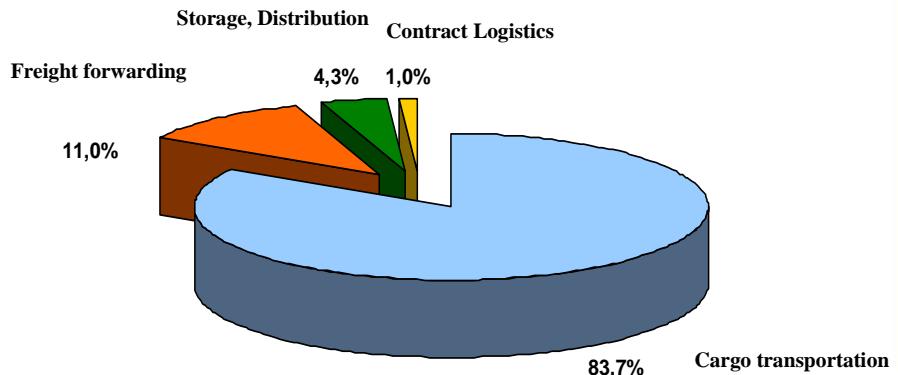
19 of March 2009 , GENEVE, Switzerland

Russian market of transport and logistic services

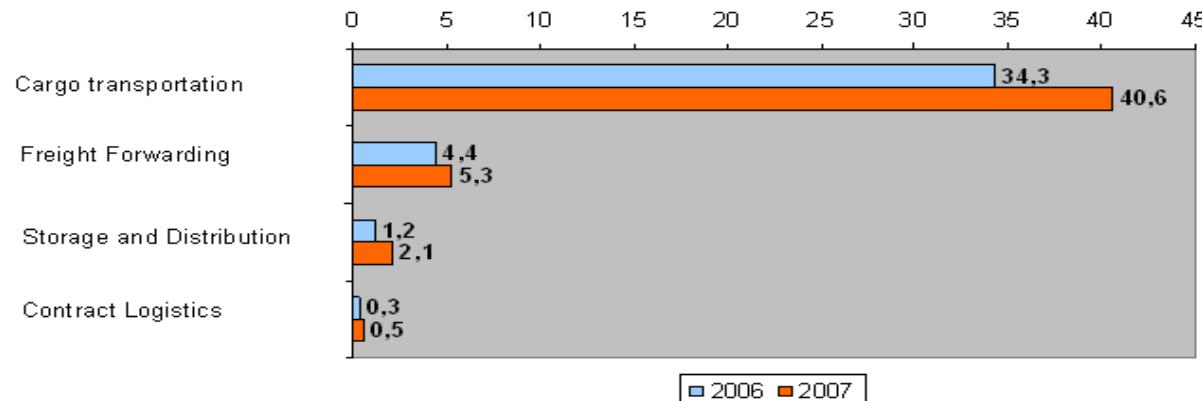
Volume and dynamics (bln. \$)



Structure of market, services(%)



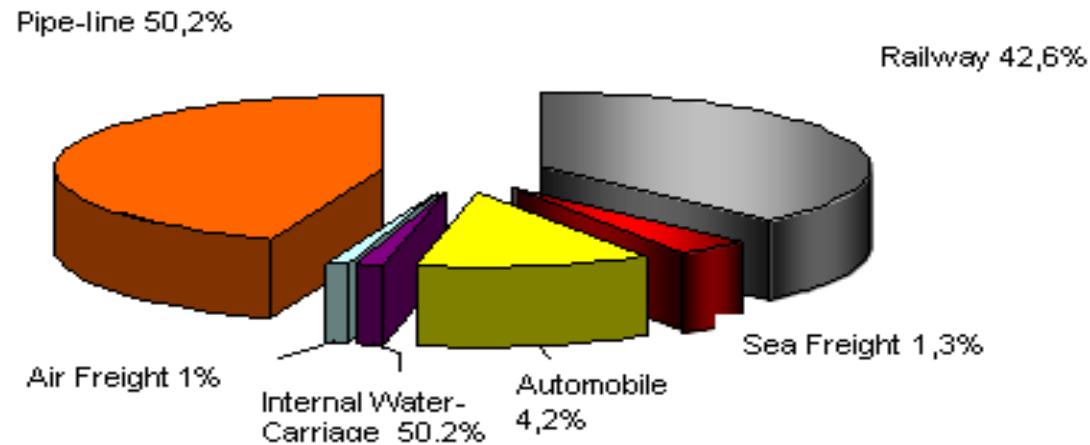
Growth in segments (bln. \$)



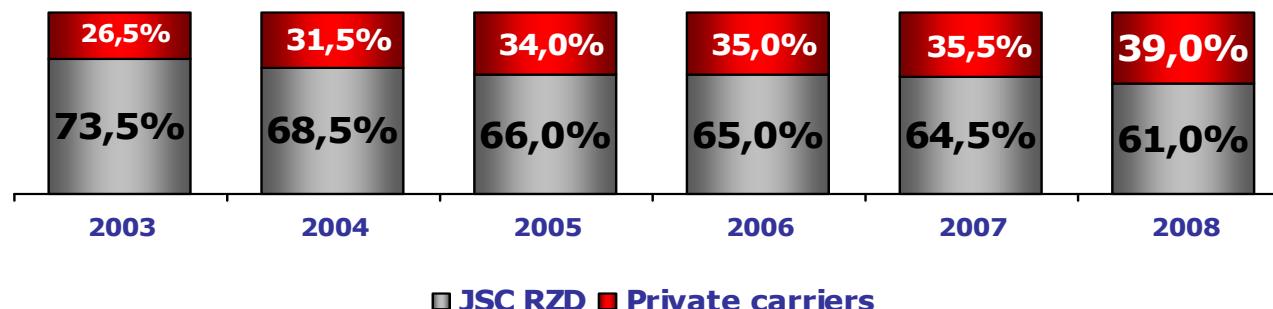
Source: RBC

Слайд 2

Part of railway transport in total freight turnover of Russian transport system



Development of cargo transport

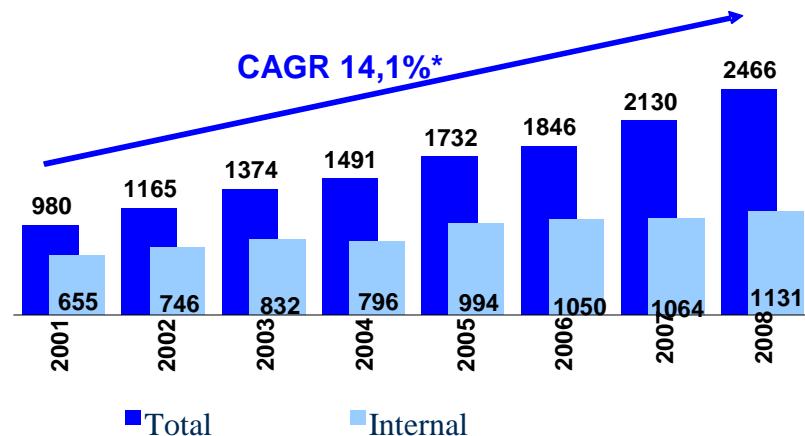


Volume of international traffic by railway (mln tons)

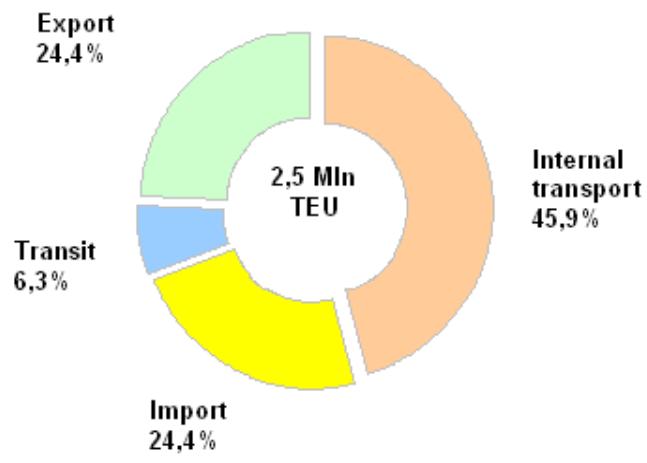


Railway container transportation in Russia

Volume of railway container transportation in Russia, thousand TEU



Structure of railway container transportation, 2008



Export-Import and Transit Container Traffic, 2008

EU States		
2007 г.	303 thousand TEU	6 %
2008 г.	438 thousand TEU	45 %
China		
2007 г.	236 thousand TEU	48 %
2008 г.	276 thousand TEU	17 %
Republic of Korea		
2007 г.	207 thousand TEU	64 %
2008 г.	224 thousand TEU	9 %
Japan		
2007 г.	44 thousand TEU	24 %
2008 г.	57 thousand TEU	31 %
Volume of transportation in International Transport Corridor "East-West"		
2007 г.	637 thousand TEU	44 %
2008 г.	715 thousand TEU	12 %

International Transport Corridor

РЖД Российские
железные дороги

«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 different types of containers	
New possibilities in container tracing	
New system of tariffing	
New system of sales	

**Product
«TSR for
7 days»**

- Frequency;
- 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 pricing;
- Complex through rate.

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

10,8 days

NAKHODKA KRASNOE
9847 km

910 km/day

Organization arrangements

Arrangements for tariff policy perfection

Arrangements for the regulatory and legal basis modifying

Technological arrangements

Technical arrangements

2009

2010

2011

2012

9,2 days

- ✓ reduction of quantity and duration of stops
- ✓ increase of crossing capacity and transportation speed

1070 km/day

8,5 days

- ✓ correcting of regulatory and legal basis
- ✓ optimization of guarantee hauls
- ✓ increase of crossing capacity and transportation speed

1160 km/day

7,8 days

- ✓ implementation of automatic control system with the usage of electronic way-bill
- ✓ increase of crossing capacity and transportation speed

1260 km/day

7 days

- ✓ increase of crossing capacity
- ✓ increase of transportation speed
 - new wagons
 - new locomotives

1400 km/day

5,9 days

- ✓ increase of crossing capacity
- ✓ increase of transportation speed
 - new locomotives

1680 km/day

2008

2009

2010

2011

2012

2015 and futher¹⁰

Perspectives of Terminal-Logistic RZD's Complexes Development

