Trans-Siberian route: development of trans-continental transportations

Second informal preparatory meeting for the 14th session of the Group of Experts on the Euro-Asian Transport Links
2-3 February 2016
Vienna, Hofburg Conference Centre
Trans-Siberian route: development of trans-continental transportations

CCTT: working for the integration of the Trans-Siberian service
Trans-Siberian route: development of trans-continental transportations

Forming mega blocks
Export flows between EATL countries, 2013

Source: Birgit Viohl, OSCE, compiled on the basis of Comtrade data for 2013.
Dynamics of foreign trade volume change

Trade volume growth between China and EC from 117 mln. tonnes up to 170 mln. tonnes till 2020

2011 $739 billion

2020 $1 200 billion

1.6 times

Source: forum1520.ru
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Sector of transport and logistics services: 3PL & 4PL
Market structure of the transport and logistics services

Effective business-model drivers

- Complex service made upon client’s demand
- Efficiency of cost and service quality

Integrating logistics (4PL)

Integrated logistics

Supply management

Optimal routes choosing

Warehouse services

Overland forwarding, Aero and sea forwarding

Freight forwarding (base 3PL)

Freight transportation (2PL)

Infrastructure provision

- Rolling stock
- Hauling
- R/w transp.
- Mainline
- “last mile”
- Terminals
- Trucks
- Roads
- Warehouse
- Tankers
- Bulkers
- Ports
- Airplanes
- Airports
- Sea transp.
- Aero transp.
- Sea transp.
- Aero transp.

Source: BCG

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Transit routes of the Euro-Asian transport connection

- Chengdu – Lodz, 10-13 days
- Suzhou – Warsaw, 13 days
- Chongqing – Duisburg, 14-16 days
- Zhengzhou – Hamburg, 15 days
- Wuhan – Pardubice, 16 days
- Yiwu – Madrid, 21 days
Dynamics of transit container transportation on TSM, 1999 - 2014, TEU

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Volumes of freight transportation on TSM in 2014

Total international traffic: 726,184 TEU

Total by container trains: 411,465

Russia – APR countries transit transportations, TEU

+98% China 55,218
+102% Japan 2,076
+4% Korea 90,542

Transit 131,246
Export 311,971
Import 282,967
Trans-Siberian route: development of trans-continental transportations

Volumes of freight transportation on TSM in January-November 2015

Total international traffic: 585 930 TEU

Total by container trains: 335 448 TEU

Russia – APR countries
transit transportations, TEU

-40% Korea
50 001

+81% China
88 148

+27% Japan
2 317

Import
209 005

Export
276 829

Transit
100 096

Import
88 514

Export
109 003

Transit
88 148

China
88 148

+81%

Japan
2 317

+27%

Korea
50 001

-40%
Future is behind **main players**
Trans-Siberian route: development of trans-continental transportations

Broadening infrastructure possibilities

Railway route construction project with a 1520 rail gage till Bratislava-Vienna
Route length ≈ 390-430 km; potential volume 16÷24 million tons
The project on **Trans-Siberian** and **Trans-Korean** mainlines connection

- **Trans-Siberian route:** development of trans-continental transportations

  **Investments required:** 7 billion US dollar

  **Expected efficiency:** benefits from transport charges reduction and participation in investment projects
Globalization process

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More than 1000 km / day
Trans-Siberian route: development of trans-continental transportations

Sakhalin and main land connection project
Future perspectives
Happy trails!

CCTT Secretary General
Mr. Gennady Bessonov
info@icctt.com