



TRANSSIB in International Transit System: Success Factors

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Eurasian Corridors Stakeholder Group
UIC
Paris, 22 November 2017



**The Coordinating Council on Trans-Siberian Transportation (CCTT)
an efficient international forum for networking and real cooperation
between all parties involved in Trans-Siberian freight transportation**

**CCTT consists of more than 100
members from 24 countries**



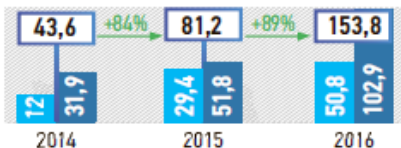
Railways: 19	Partnership and international projects: 9	Security, telecom/IT, marketing insurance, mass media: 13
Port, stevedores, shipping companies: 8	Operators and forwarders: 33	International organizations and associations: 8
State organizations, municipalities: 19		



Enhancing Competitiveness of Trans-Siberian Route



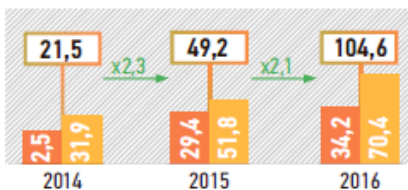
Ж.д. перевозки «Восток-Запад», тыс. ДФЭ
Railway transportation along "East-West", thousand TEU



■ Европа-Азия / Europe-Asia ■ Азия-Европа / Asia-Europe

Объемы транзита через Казахстан в сообщении Китай - Европа, тыс. ДФЭ

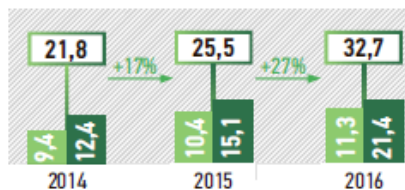
Volumes of China - Europe transit via Kazakhstan, thousand TEU



■ Европа-Азия / Europe-Asia ■ Азия-Европа / Asia-Europe

Объемы транзита через РФ в сообщении Китай - Европа, тыс. ДФЭ

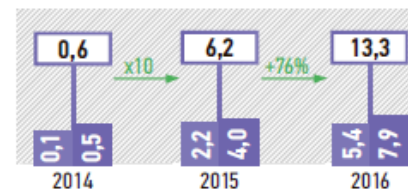
Volumes of China - Europe transit via Russia, thousand TEU



■ Европа-Азия / Europe-Asia ■ Азия-Европа / Asia-Europe

Объемы транзита через Монголию в сообщении Китай - Европа, тыс. ДФЭ

Volumes of China - Europe transit via Mongolia, thousand TEU



■ Европа-Азия / Europe-Asia ■ Азия-Европа / Asia-Europe

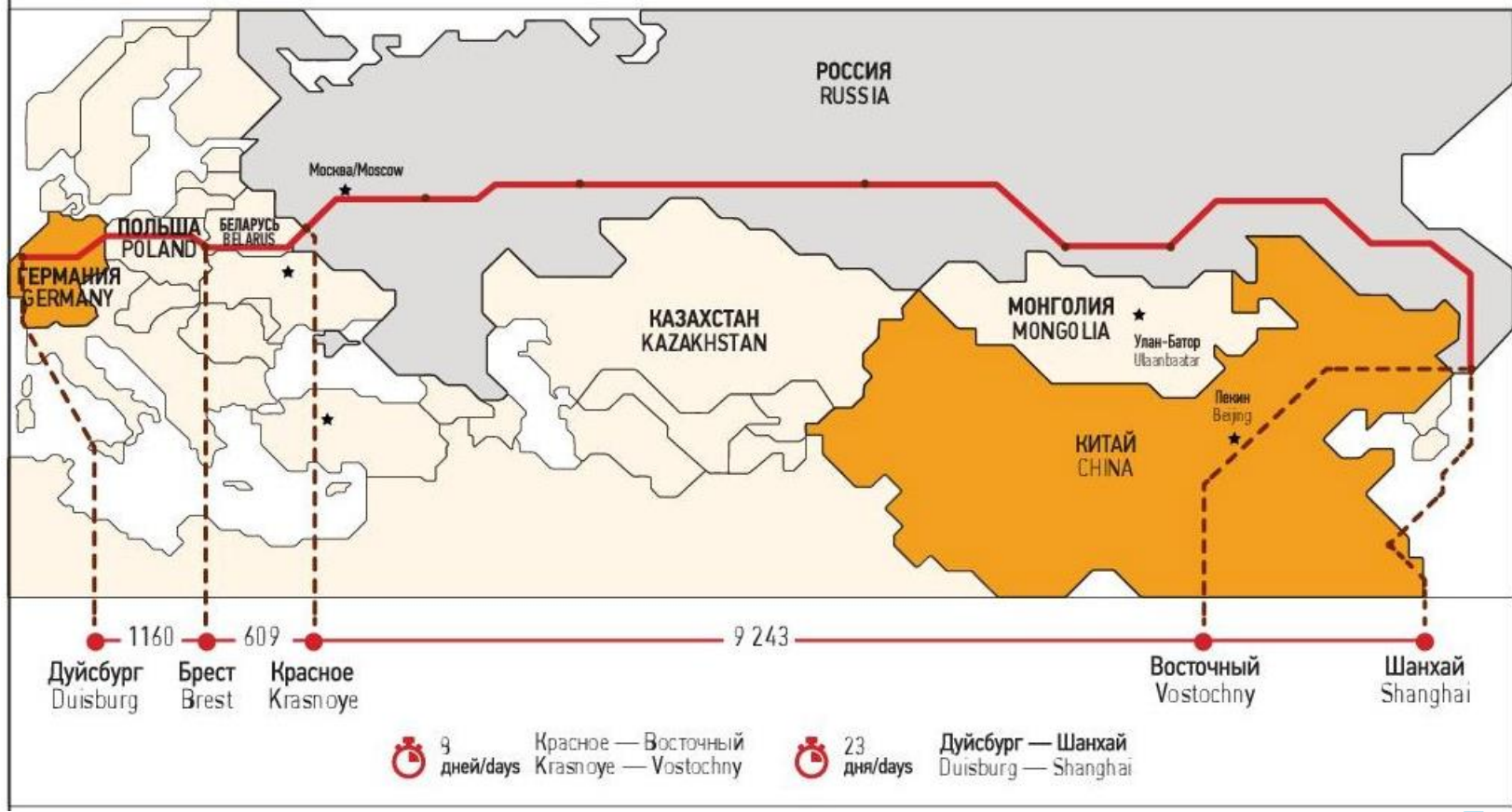
Source: TransContainer PJSC



Transsib Integrated Logistics Services

Duisburg (Germany) — Shanghai (China)
Дуйсбург (Германия) — Шанхай (Китай)

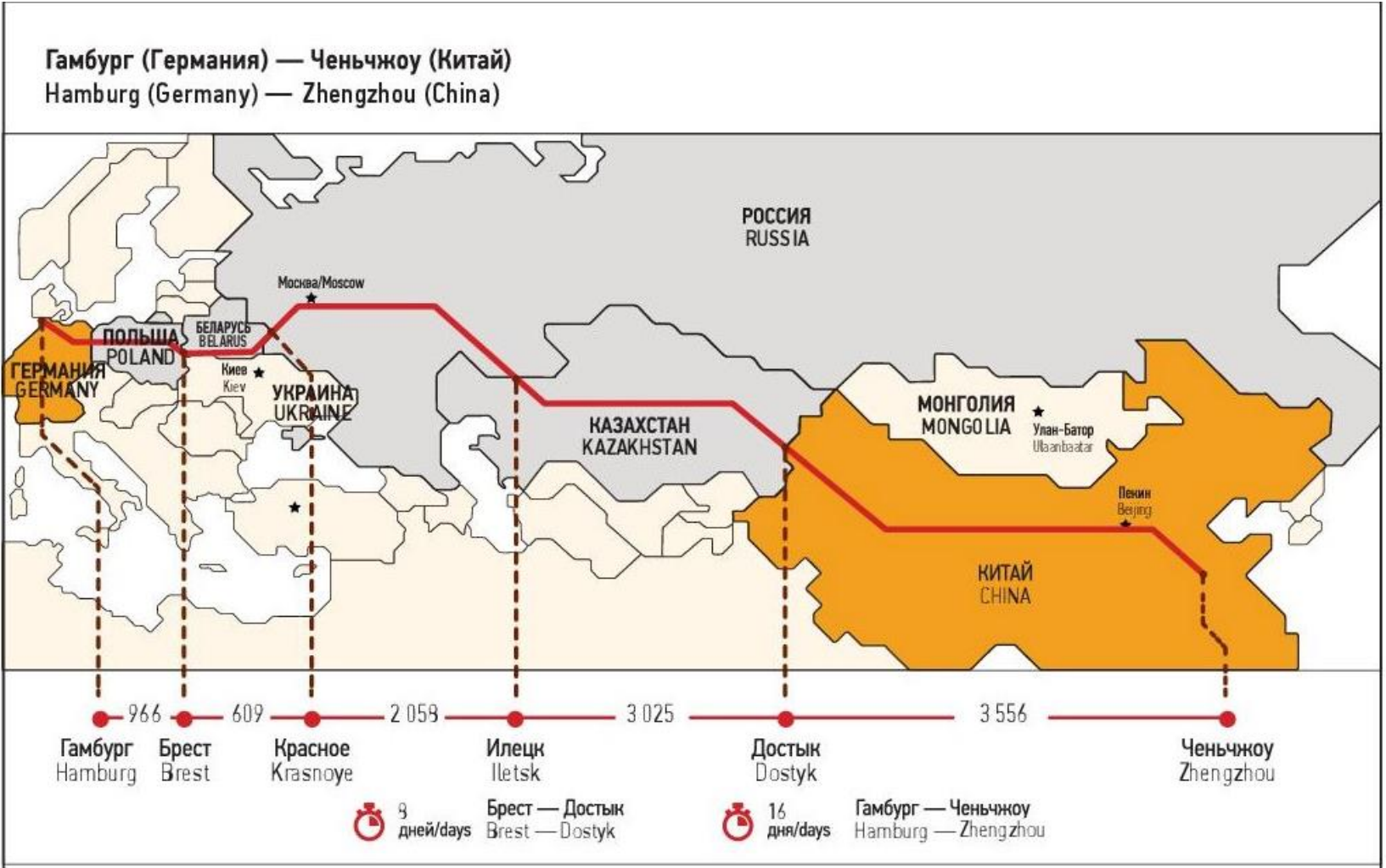
Source: TransContainer PJSC





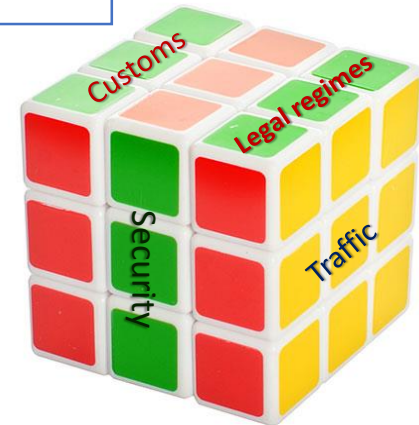
Transsib Integrated Logistics Services

Source: TransContainer PJSC

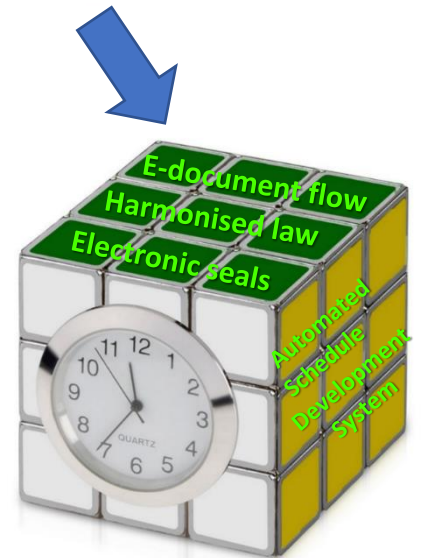




Factors of transit time reduction



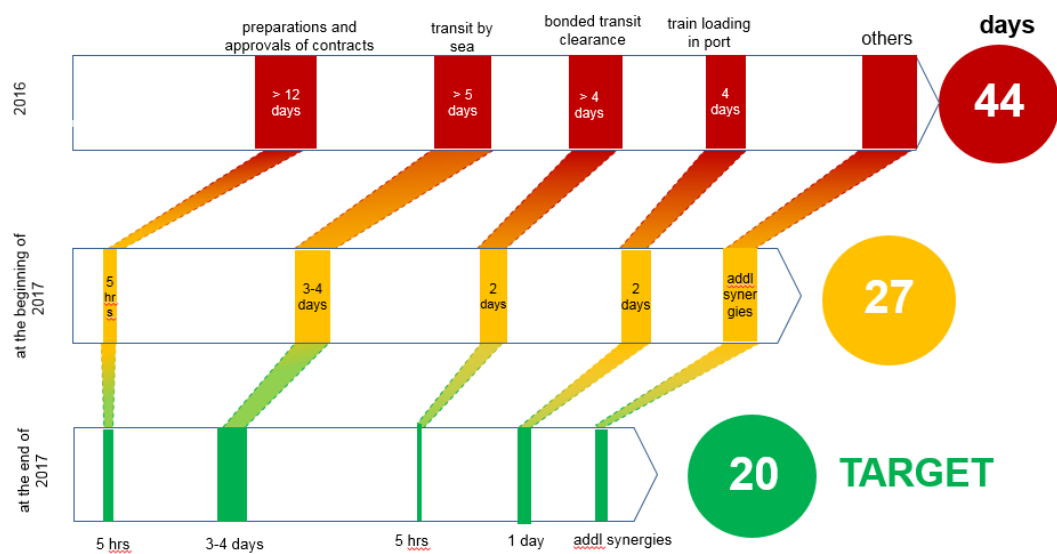
- Container block-trains organization.
 - Simplification of customs procedures.
 - Border crossing facilitation (including advance presentation of cargo information to customs).
 - Introduction of innovative technologies and electronic document management.
 - Fixed train paths.
-
- Организация контейнерных маршрутных поездов.
 - Упрощение таможенных процедур.
 - Облегчение пересечения границ (включая предварительное информирование таможни о грузе).
 - Внедрение инновационных технологий и электронного документооборота.
 - Движение поездов по твердым ниткам графика.



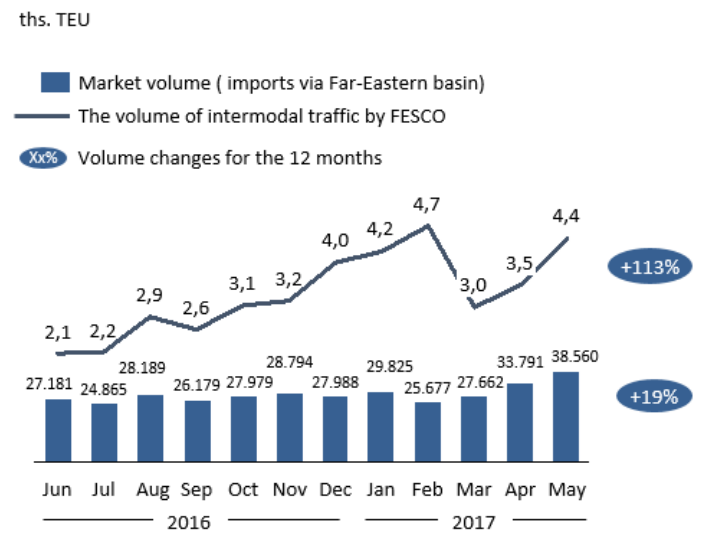


Digitalisation of Document Flow

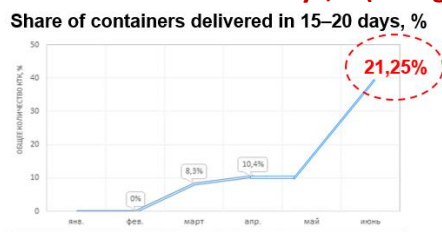
Eliminating wastes is the LEAN method of improving any process



Current achievements



Share of containers delivered in 15-20 days, % (Shanghai–Moscow in 20 days)



Actual transportation time



Better timing due to waste elimination

Increase of cargo traffic due to development and adoption of a unified cross-border electronic document flow system

Source: FESCO



Current Cross-Border Document Flow

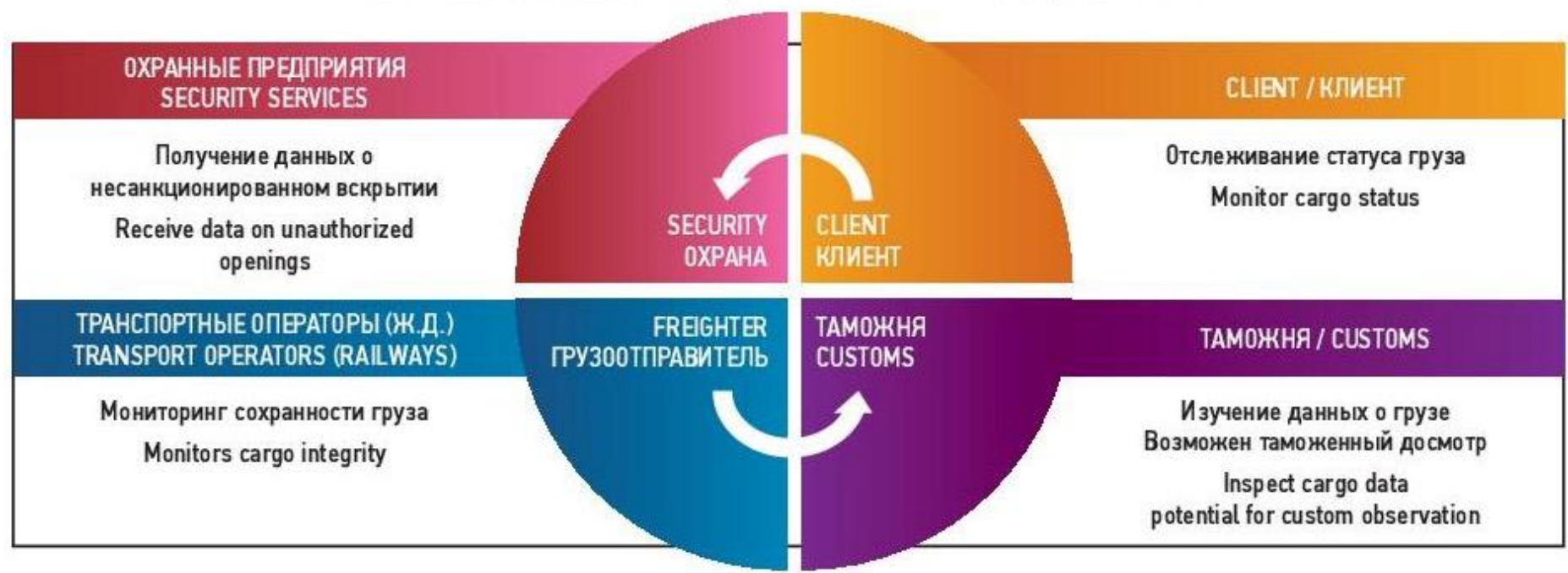


Source: FESCO



Electronic Seals

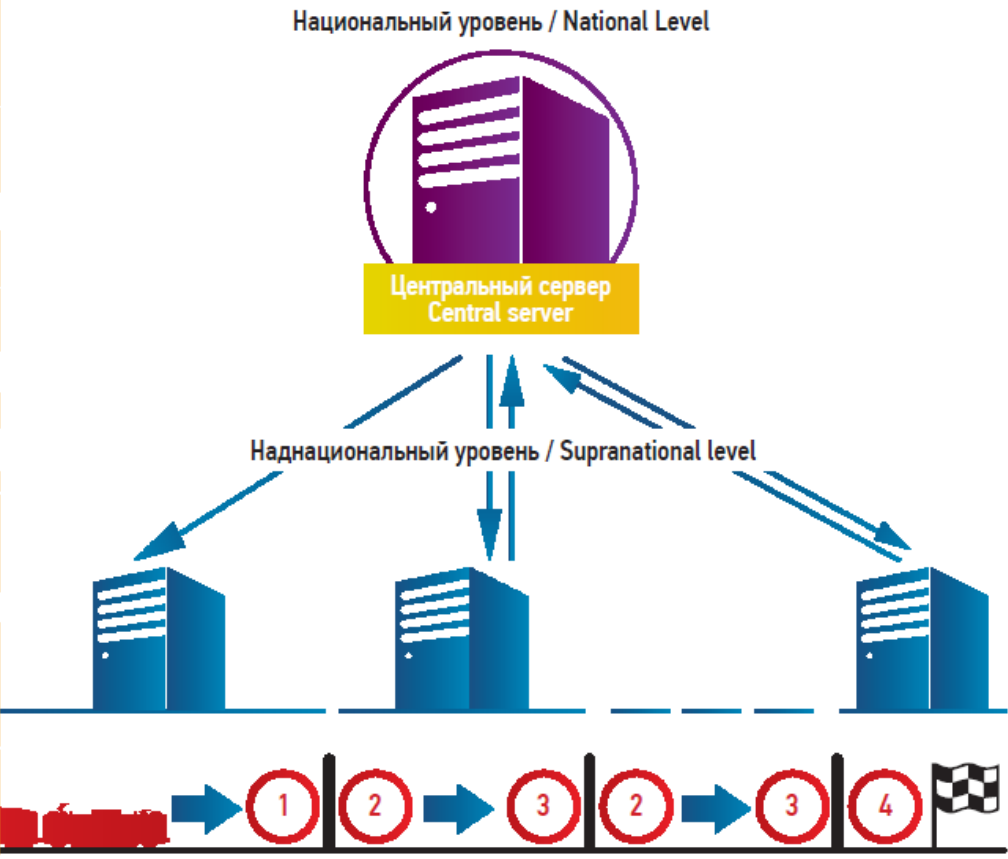
Пользователи системы «Электронная пломба» / E-Seal System Users





Implementation of Automated Rail Traffic Schedule Development System

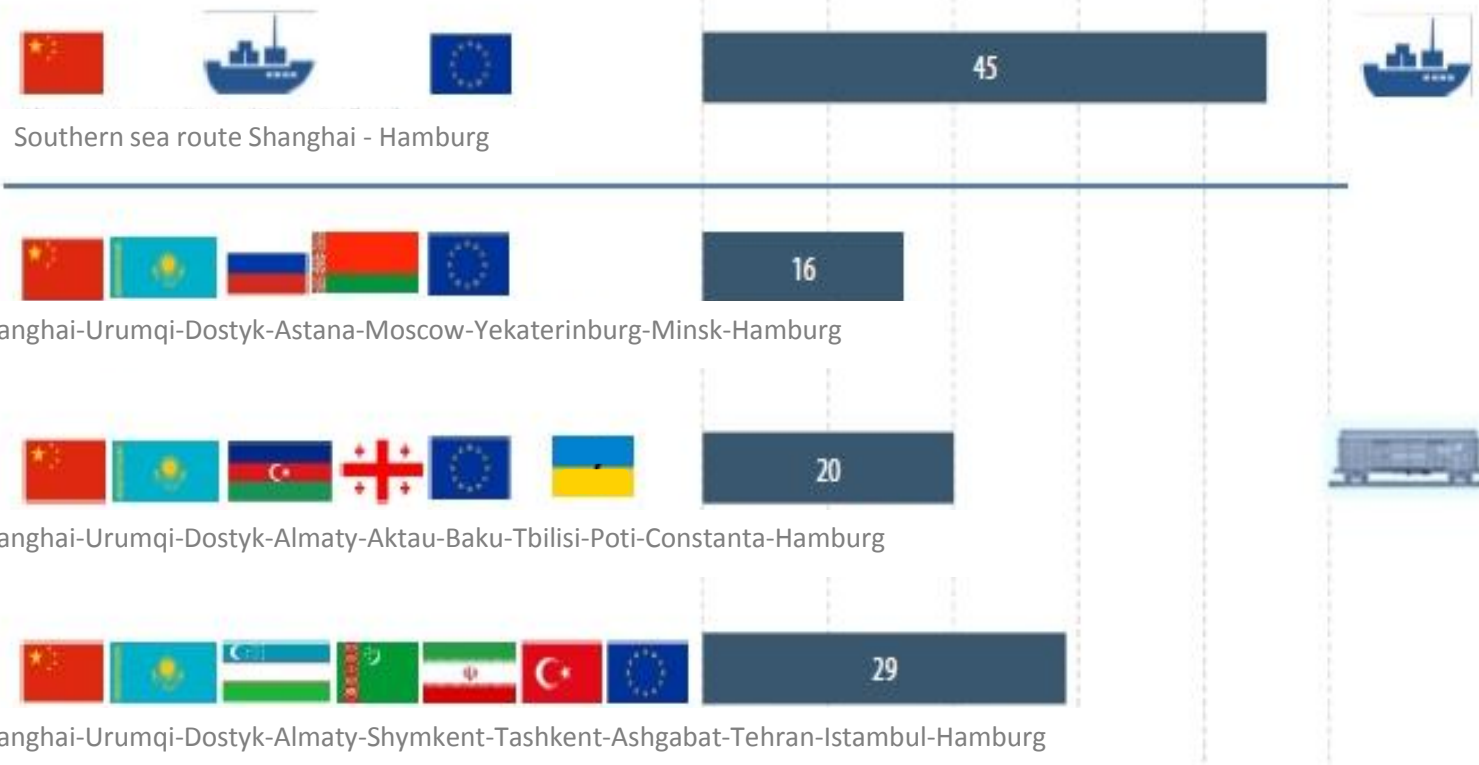
- 1 **Время движения со станции отправления и время окончания движения по полигону жд администрации**
Time of departure and time of arrival en-route rail administration's domain
- 2 **Время входа на полигон жд администрации**
Time of entrance to rail administration's domain
- 3 **Время начала и окончания движения по полигону администрации**
Time of departure and arrival en-route rail administration's domain
- 4 **Время начала движения по полигону жд администрации и прибытие на станцию назначения**
Time of departure en-route rail administration's domain and arrival at destination station





Rail Route Vs. Sea Route Transport Law Harmonisation Problem

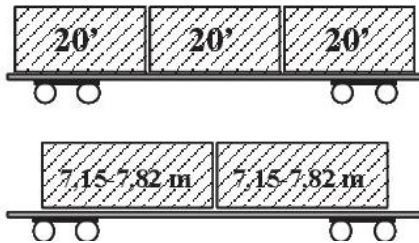
DELIVERY TIME, DAYS





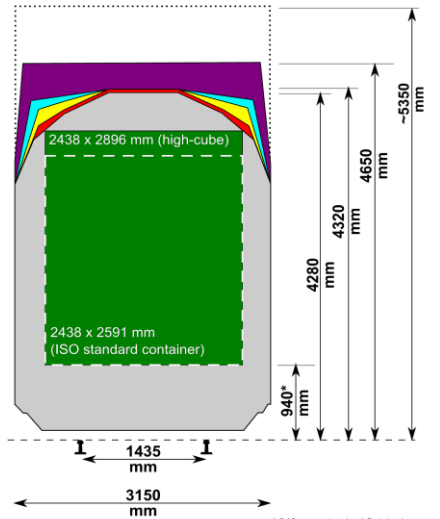
Challenges in Trans-Eurasian Rail Network

Today – loading length ca. 19 m



Loading gauge
Sagoma

UIC



* 940 mm: standard flat deck wagon

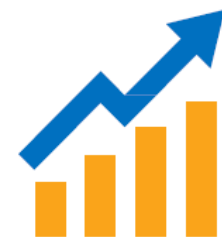
- Non-transparent transportation services
- Width of tracks
- Length of trains
- Accepted Loading gauge
- Lines capacity
- Requirement for efficient, polyvalent and flexible intermodal terminals
- Reduction of environmental impact
- Harmonization and simplification of administrative formalities and social legislation
- Lack of unified operation management and tracking (through ITS) system
- Rolling stock adaptation



Level Playing Field for Railway Transport



28.4%
Growth of
Asia-Pacific's B2C
e-commerce in 2015



ASIAN-PACIFIC B2C E-COMMERCE TURNOVER, 2011 - 2016

Countries	2011	2012	Growth	2013	Growth	2014	Growth	2015	Growth	2016 (f)	Growth
China						\$575,014mn	44.6%	\$766,493mn	33.3%		
Japan				\$92,848mn				\$114,402mn	7.8%		
South Korea								\$64,767mn	11.0%	\$71,250mn	10.0%
India	\$2,859mn							\$25,455mn	129.5%		
Australia					14.6%			\$22,225mn	15.7%		
Indonesia		\$1,238mn	20.0%					\$4,954mn	66.0%		
Total								\$1,056,495mn	28.4%		

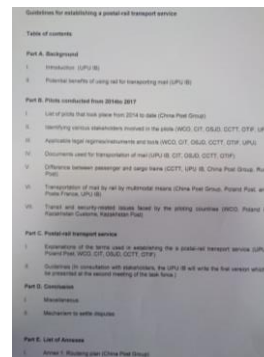
Source: Business Nab, iResearch, eMarketer, Meti, Statista and Ecommerce Foundation, 2016



Postal Rail Transportation (RailPost)

Пилотные отправки почтовых грузов | Pilot shipments of postal items

PILOT ПИЛОТ	STARTING DATE DATE ОТПРАВКИ	ORIGIN ПУНКТ ОТПРАВКИ	COUNTRIES TRANSITED СТРАНЫ ТРАНЗИТА	DESTINATION ПУНКТ НАЗНАЧЕНИЯ	TRANSIT TIME Транзитное время
1	29.09.2016	CHONGQING ЧУНЦИН	CHINA – KAZAKHSTAN – RUSSIA – BELARUS – POLAND – GERMANY (КИТАЙ – КАЗАХСТАН – РОССИЯ – БЕЛАРУСЬ – ПОЛЬША – ГЕРМАНИЯ)	DUISBURG (ДУЙСБУРГ)	15 суток
2	26.01.2017	CHONGQING ЧУНЦИН	CHINA – KAZAKHSTAN – RUSSIA – BELARUS – POLAND – GERMANY (КИТАЙ – КАЗАХСТАН – РОССИЯ – БЕЛАРУСЬ – ПОЛЬША – ГЕРМАНИЯ)	DUISBURG (ДУЙСБУРГ)	---
3	18.03.2017	CHONGQING ЧУНЦИН	CHINA – KAZAKHSTAN – RUSSIA – BELARUS – POLAND – GERMANY (КИТАЙ – КАЗАХСТАН – РОССИЯ – БЕЛАРУСЬ – ПОЛЬША – ГЕРМАНИЯ)	DUISBURG (ДУЙСБУРГ)	14 суток
4	31.03.2017	CHONGQING ЧУНЦИН	CHINA – KAZAKHSTAN – RUSSIA – BELARUS – POLAND – GERMANY (КИТАЙ – КАЗАХСТАН – РОССИЯ – БЕЛАРУСЬ – ПОЛЬША – ГЕРМАНИЯ)	DUISBURG (ДУЙСБУРГ)	13 суток
5	31.03.2017	CHONGQING ЧУНЦИН	CHINA – KAZAKHSTAN – RUSSIA – BELARUS – POLAND (КИТАЙ – КАЗАХСТАН – РОССИЯ – БЕЛАРУСЬ – ПОЛЬША)	MALASZEWICZE (МАЛАШЕВИЧЕ)	13 суток
6	31.03.2017	CHONGQING ЧУНЦИН	CHINA – KAZAKHSTAN – RUSSIA – BELARUS – POLAND (КИТАЙ – КАЗАХСТАН – РОССИЯ – БЕЛАРУСЬ – ПОЛЬША)	MALASZEWICZE (МАЛАШЕВИЧЕ)	13 суток
7	15.06.2017	CHONGQING ЧУНЦИН	CHINA – KAZAKHSTAN – RUSSIA – BELARUS – POLAND (КИТАЙ – КАЗАХСТАН – РОССИЯ – БЕЛАРУСЬ – ПОЛЬША)	MALASZEWICZE (МАЛАШЕВИЧЕ)	15 суток
8	25.06.2017	CHONGQING ЧУНЦИН	CHINA – KAZAKHSTAN – RUSSIA – BELARUS – POLAND (КИТАЙ – КАЗАХСТАН – РОССИЯ – БЕЛАРУСЬ – ПОЛЬША)	MALASZEWICZE (МАЛАШЕВИЧЕ)	13 суток
9	20.07.2017	CHONGQING ЧУНЦИН	CHINA – KAZAKHSTAN – RUSSIA – BELARUS – POLAND (КИТАЙ – КАЗАХСТАН – РОССИЯ – БЕЛАРУСЬ – ПОЛЬША)	MALASZEWICZE (МАЛАШЕВИЧЕ)	14 суток
10	29.07.2017	CHONGQING ЧУНЦИН	CHINA – KAZAKHSTAN – RUSSIA – BELARUS – POLAND (КИТАЙ – КАЗАХСТАН – РОССИЯ – БЕЛАРУСЬ – ПОЛЬША)	MALASZEWICZE (МАЛАШЕВИЧЕ)	15 суток



WORLD CUSTOMS ORGANIZATION
ORGANISATION MONDIALE DES DOUANES





Thank you for your attention

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