

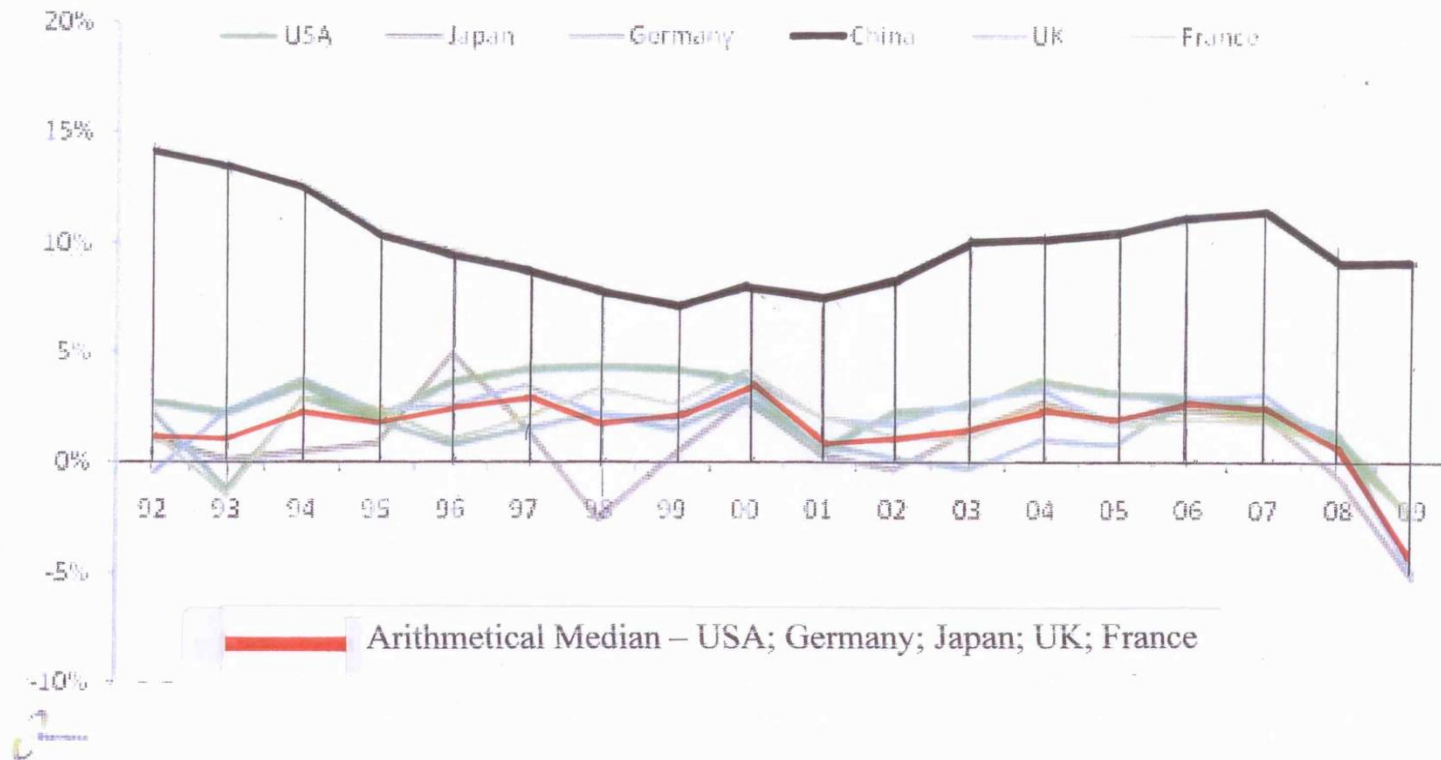
**Vytvorenie podmienok pre využitie kontajnerovej dopravy
medzi
Európou a Áziou
Workshop 21.11.2013 Velim**

Ing. Jaromír Hladký, CSc.

Prednáška na tému:

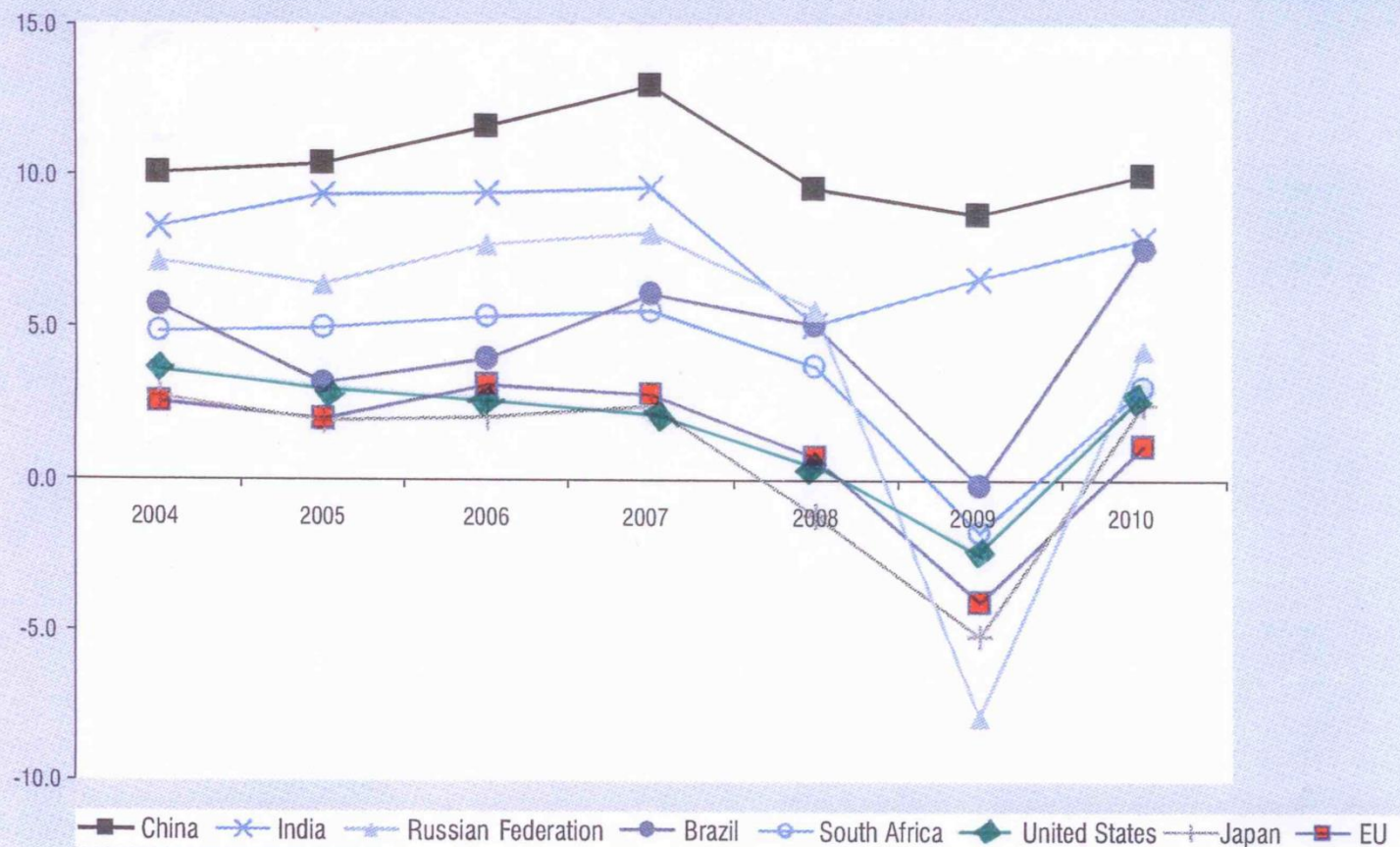
***„Euroázijské dopravné koridory – možnosti rozvoja“
prílohy***

us-china-gdp-graph-2009 Written by jafarianews on 28 April 2011



Graph N° 1

Figure 1.1. (a) World GDP growth, 2004–2010, selected countries (annual percentage change)



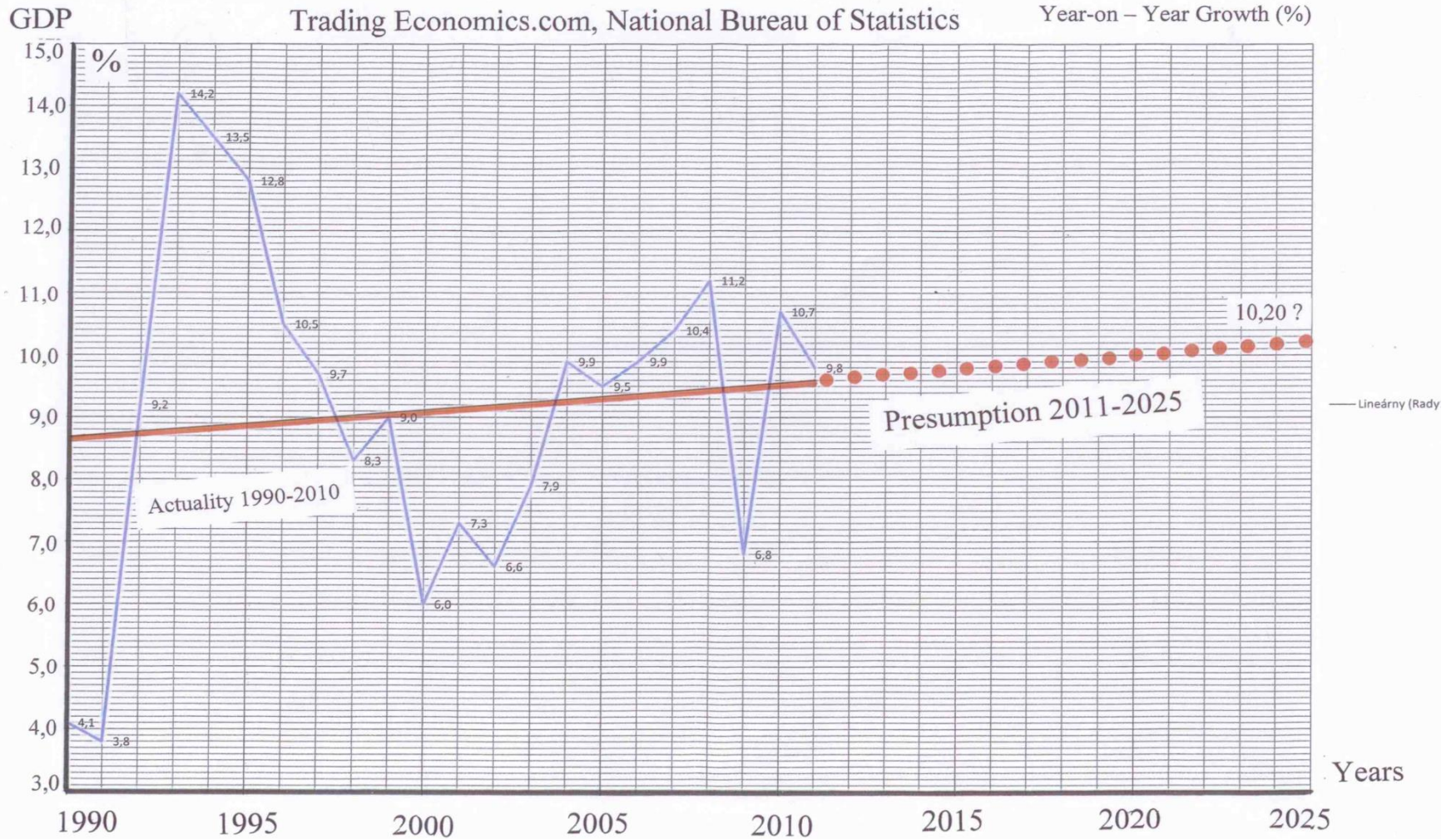
Source: UNCTAD. *Trade and Development Report 2010*. Table 1.1. World output growth, 1991–2010.

Graph N° 0

Trend of GDP Growth 1994-2011 China

Trading Economics.com, National Bureau of Statistics

Year-on – Year Growth (%)



Graph N° 2

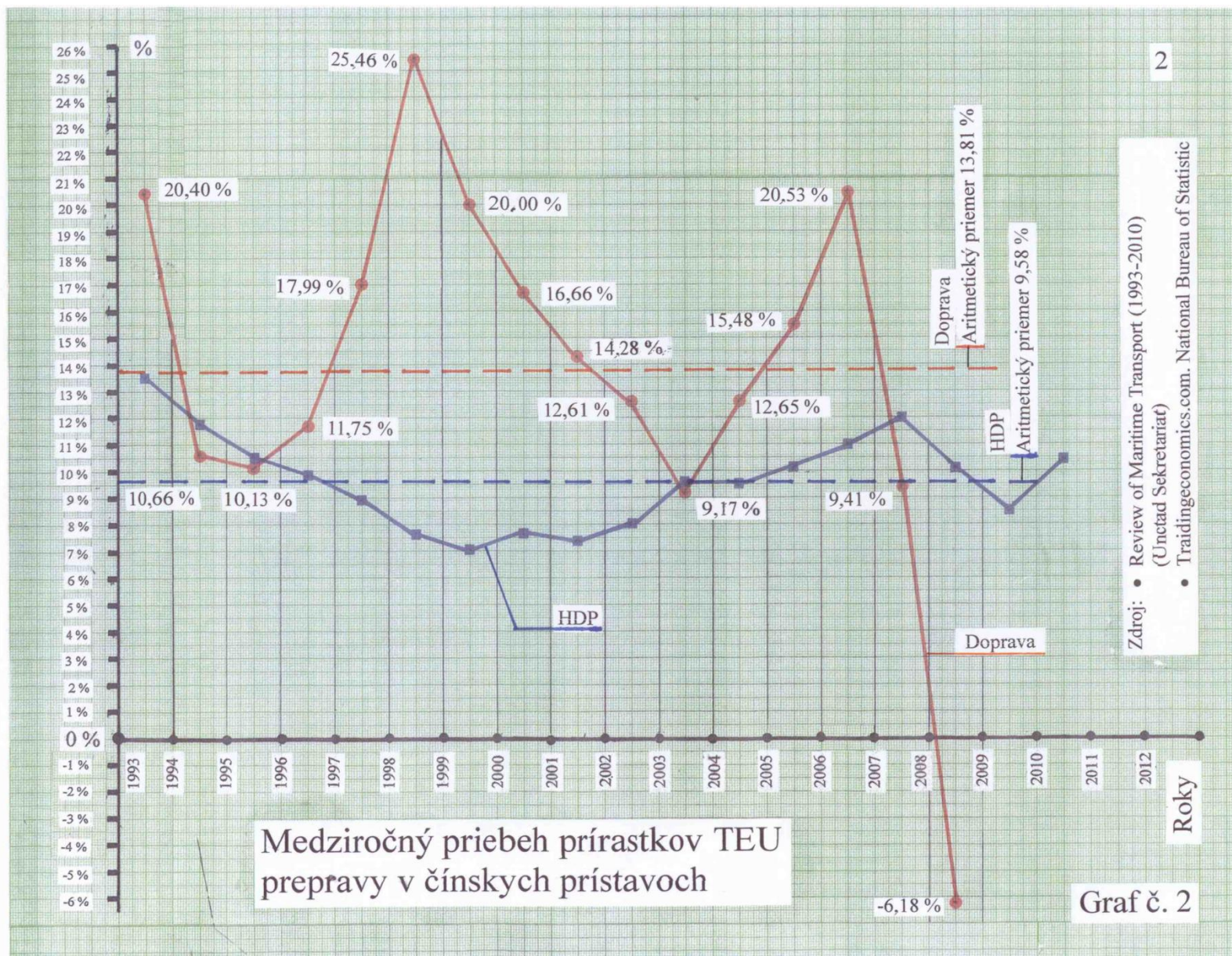
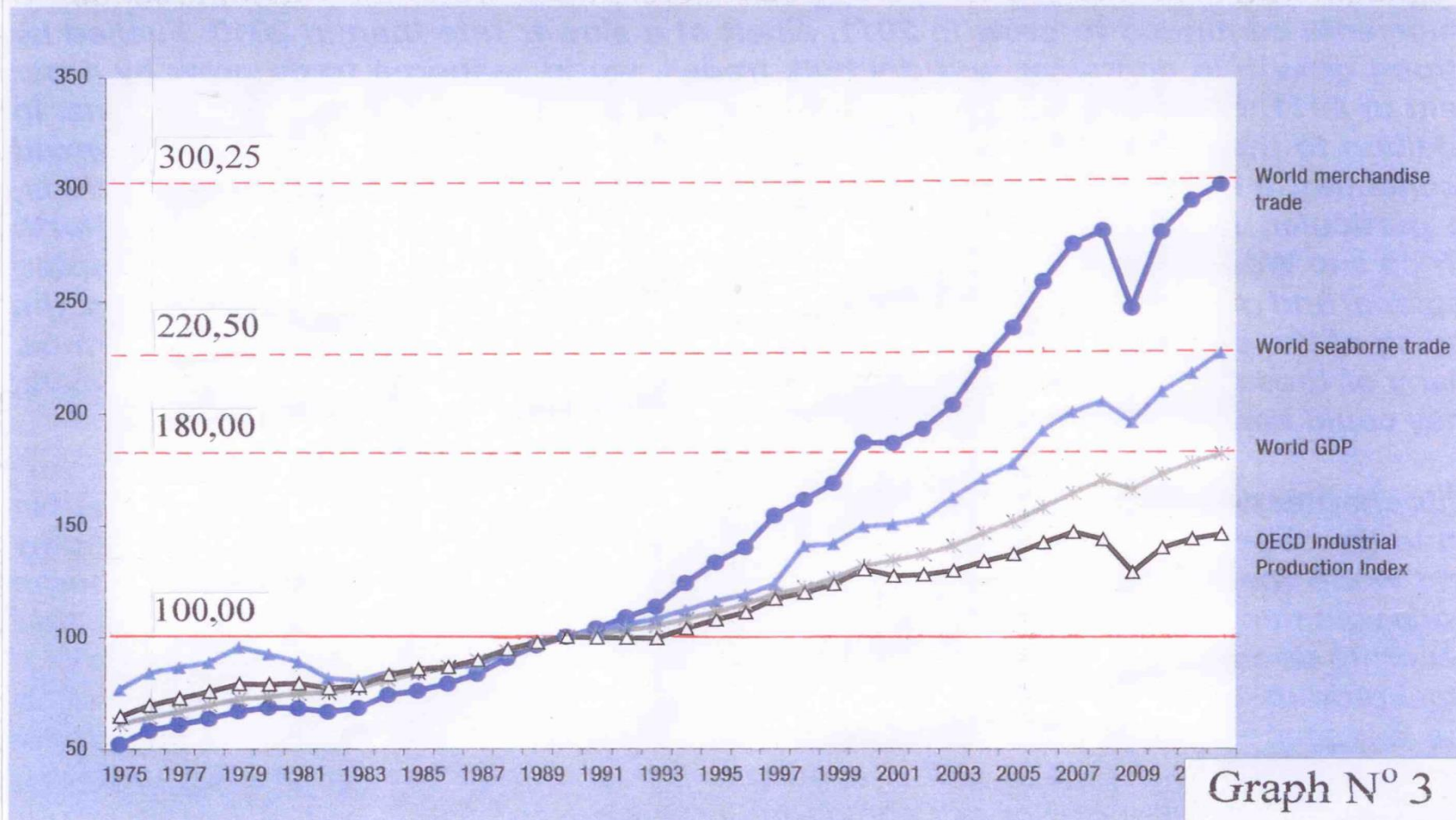
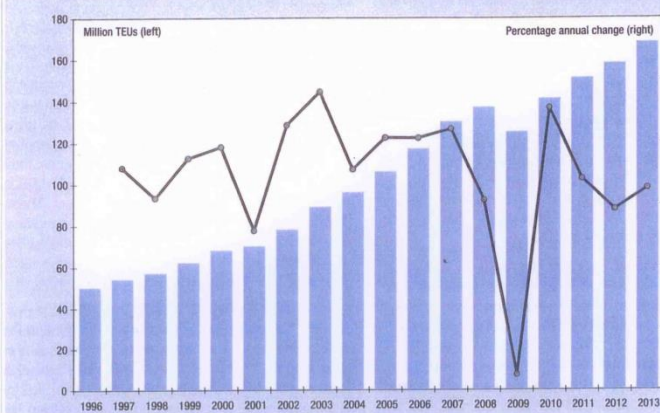


Figure 1.1. The OECD Industrial Production Index and indices for world GDP, world merchandise trade and world seaborne trade (1975–2012) (1990 = 100)

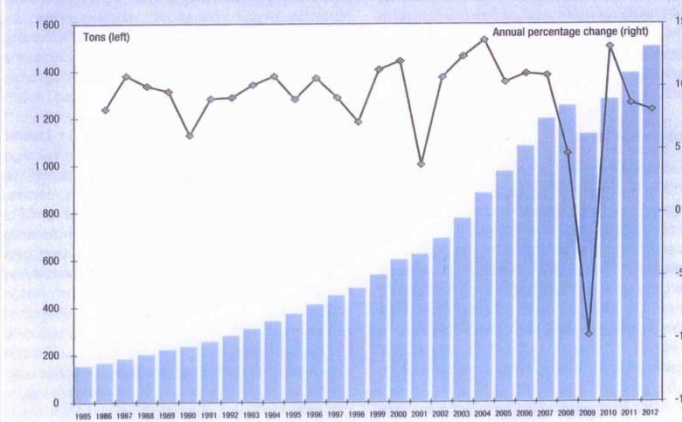


Source: UNCTAD secretariat, on the basis of OECD Main Economic Indicators, May 2012; UCTAD, *The Trade and Development Report 2012*; UNCTAD *Review of Maritime Transport*, various issues; World Trade Organization (WTO) (table A1a); the WTO press release 658, April 2012, *World Trade 2011*, Prospects for 2012. The 2012 index for seaborne trade is calculated on the basis of the growth rate forecast by Clarkson Research Services in *Shipping Review & Outlook*, spring 2012.

Figure 1.5 (a). Global container trade, 1996–2013 (Millions of TEUs and annual percentage change)

Graph N° 4

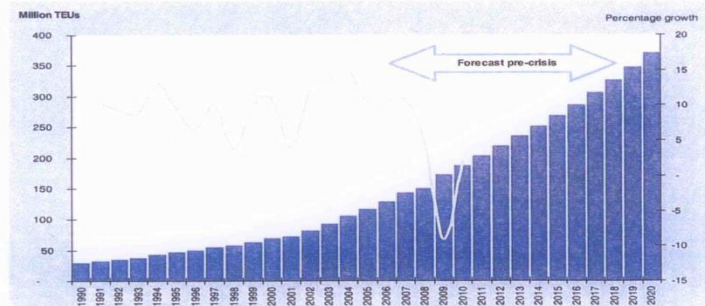
Source: UNCTAD based on Drewry Shipping Consultants, *Container Market Review and Forecast 2008/2009*; and Clarkson Research Services, *Container Intelligence Monthly*, various issues.

Figure 1.5 (b). Global container trade, 1985–2012 (Millions of tons and annual percentage change)

Graph N° 5

Source: UNCTAD based on Clarkson Research Services' *Shipping Review & Outlook*, spring 2012.

Figure 7
Global container trade, 1990–2020
(TEUs and percentage change)

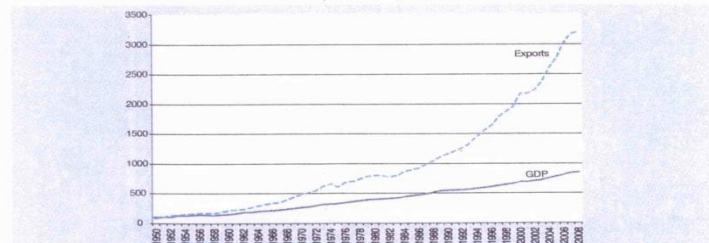


Source: Drewry Shipping Consultants, *Container Market Review and Forecast 2006/2007 and 2008/2009*, and Clarkson Research Services Limited, *Container Intelligence Monthly*, September 2009.

Notes: Forecasts of container trade volumes for 2009–2020 were made in 2006/2007 and precede the global financial and economic crisis of late 2008. Annual percentages changes for 2008–2010 are obtained from *Container Intelligence Monthly*, September 2009.

Graph N° 5a

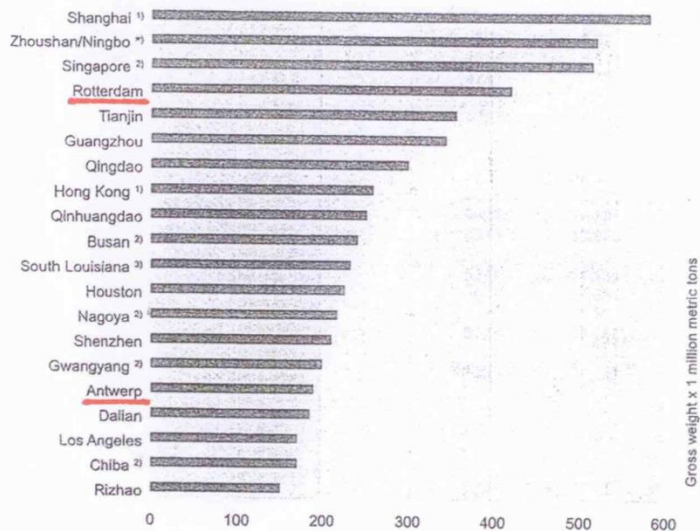
Figure 2
Indices for world economic growth (GDP) and world merchandise exports (volume), selected years
(1950 = 100)



Source: UNCTAD, based on World Trade Organization, Table A1, Trade Statistics, 2008. Trade volumes data are derived from customs values deflated by standard unit values and adjusted price index for electronic goods.

Graph N° 5b

TOP 20 WORLD PORTS, 2008



TOP 20 EUROPEAN PORTS, 2008

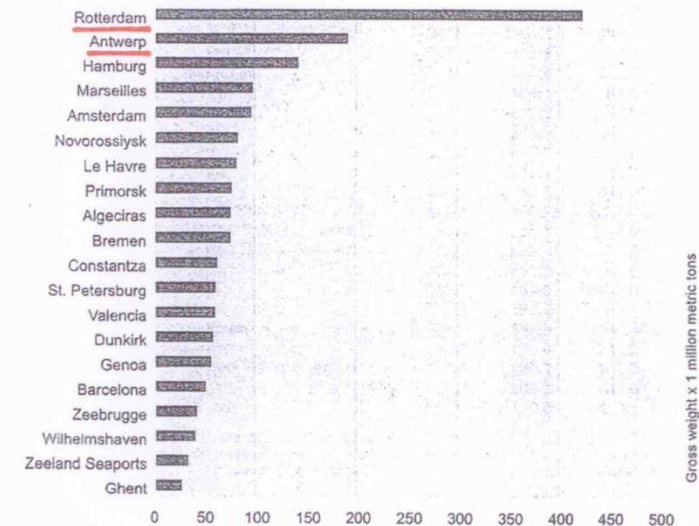
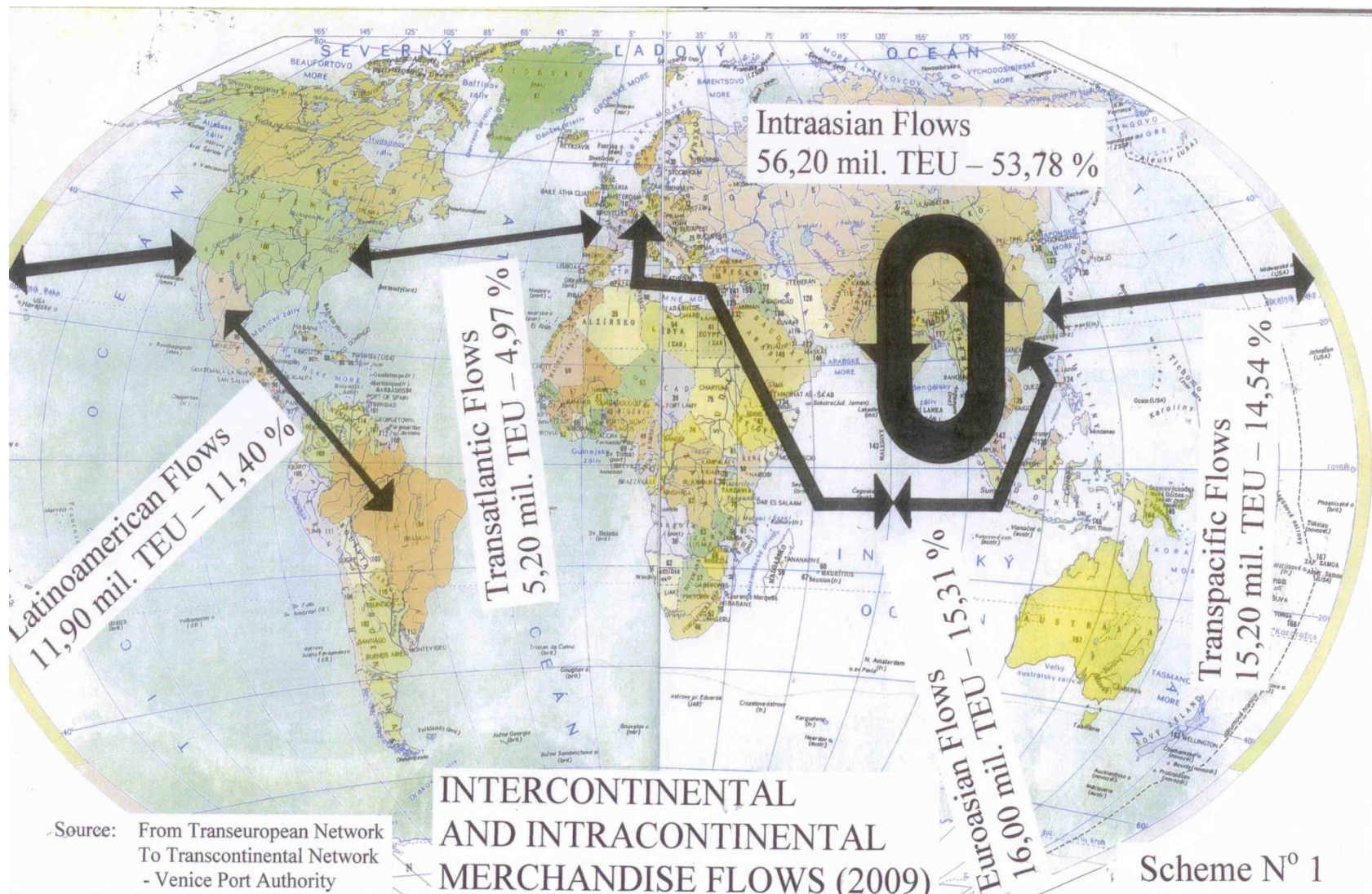
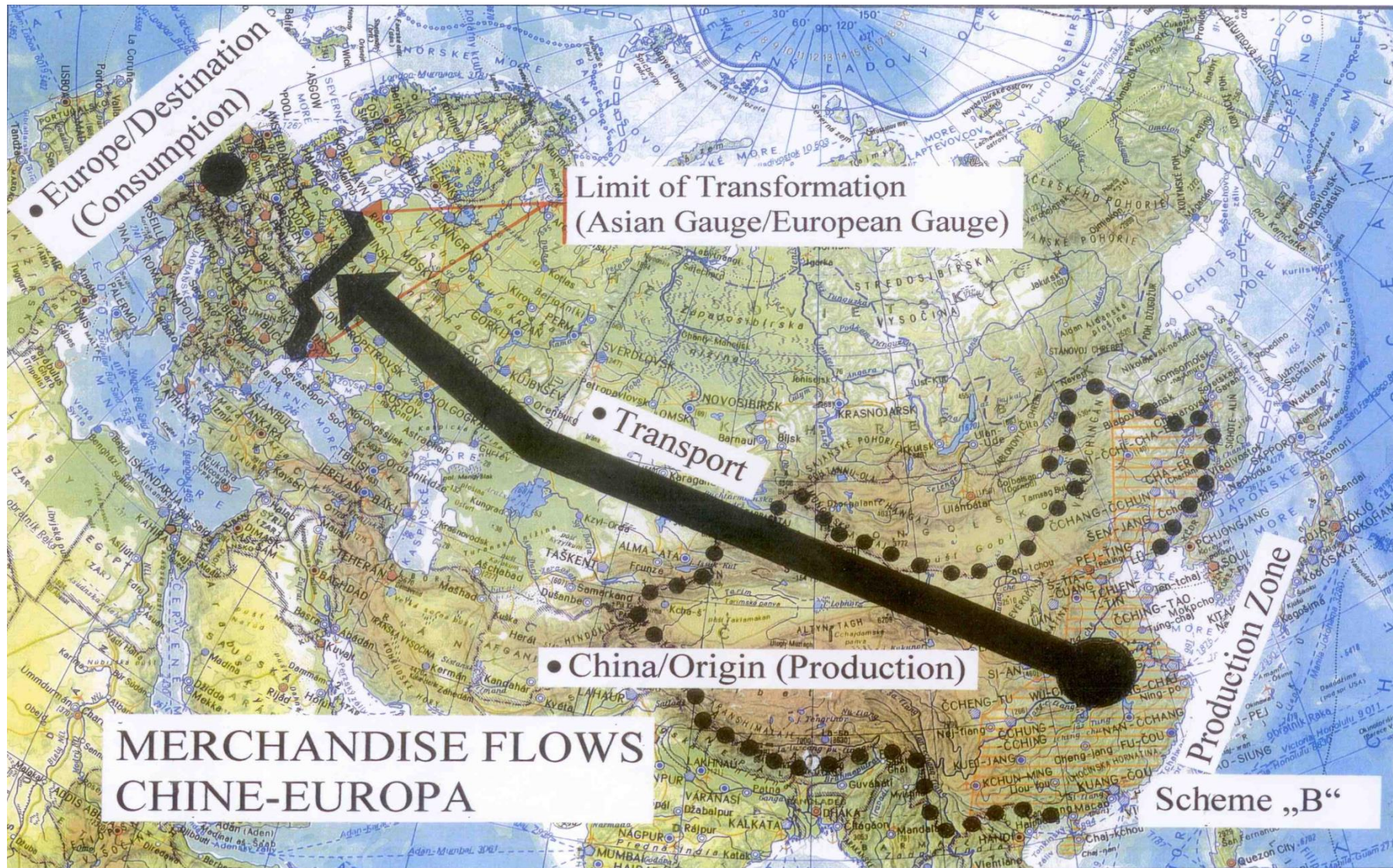


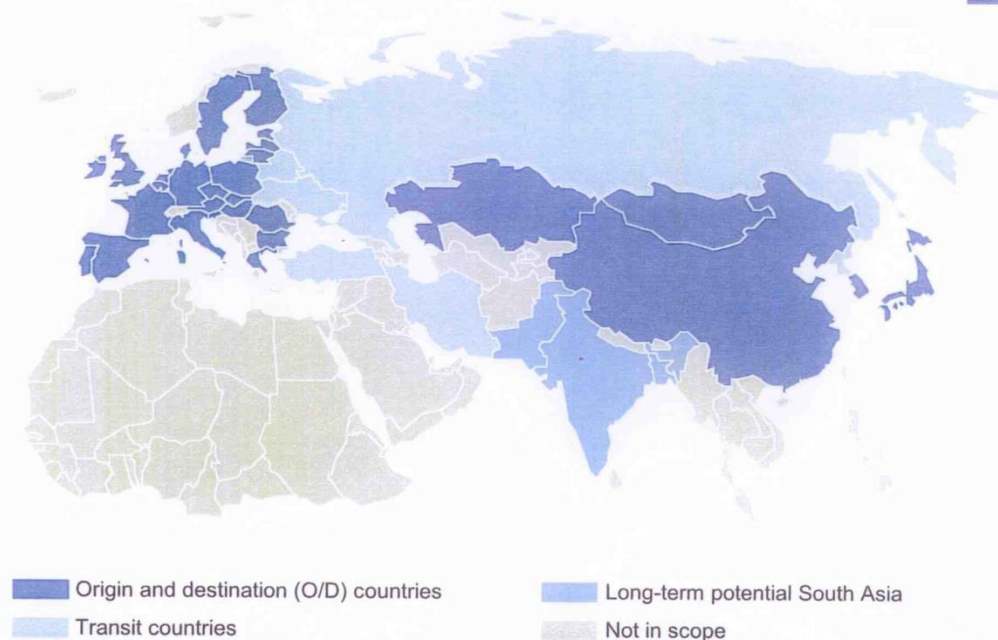
Schéma N° 0





The trade flow analysis encompasses 35 countries in Europe and Asia

Scope of analysis



COMMENTS

- 27 countries of the European Union
- 8 countries in Asia
- All O/Ds split by:
 - Mode of transport
 - Product groups (NST/R)
 - EUR and tons
- South Asia treated separately as long-term potential
- Russia, Ukraine, Belarus considered as transit countries

Schéme „B-1“

There are four key railway corridors from China to Europe all of which pass through Russia

Main rail routes Asia to Europe (schematic)



1) TRACECA (Transport Corridor Europe-Caucasus-Asia) route project

Schème N° 4

Объемы перевозок контейнерных грузов по ТСМ за 2010г.

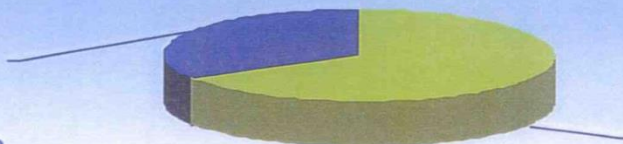


Volumes of container transports on the TSR in 2010

Общий объем контейнерных перевозок по ТСМ в 2010г.:
748 544 контейнера (физ. ед.), +22 к 2009г.

В МЕЖДУНАРОДНОМ
СООБЩЕНИИ/
INTERNATIONAL:

252 127
контейнеров



ВО ВНУТРЕННЕМ
СООБЩЕНИИ/
DOMESTIC:

496 417
контейнеров

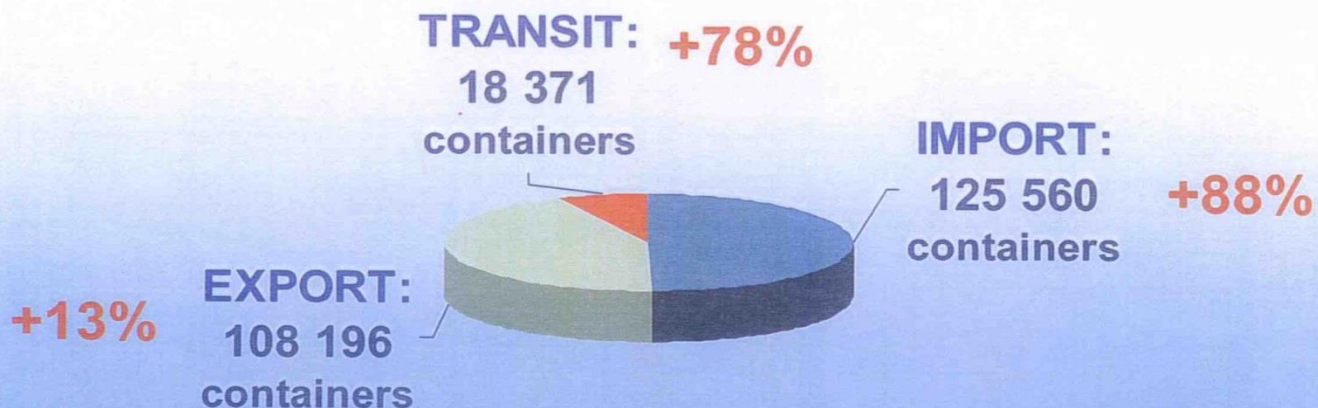
Total volume of container cargo transported on the TSR in 2010:
748 544 containers (physical units), +22% to 2009

Schéme N° 2

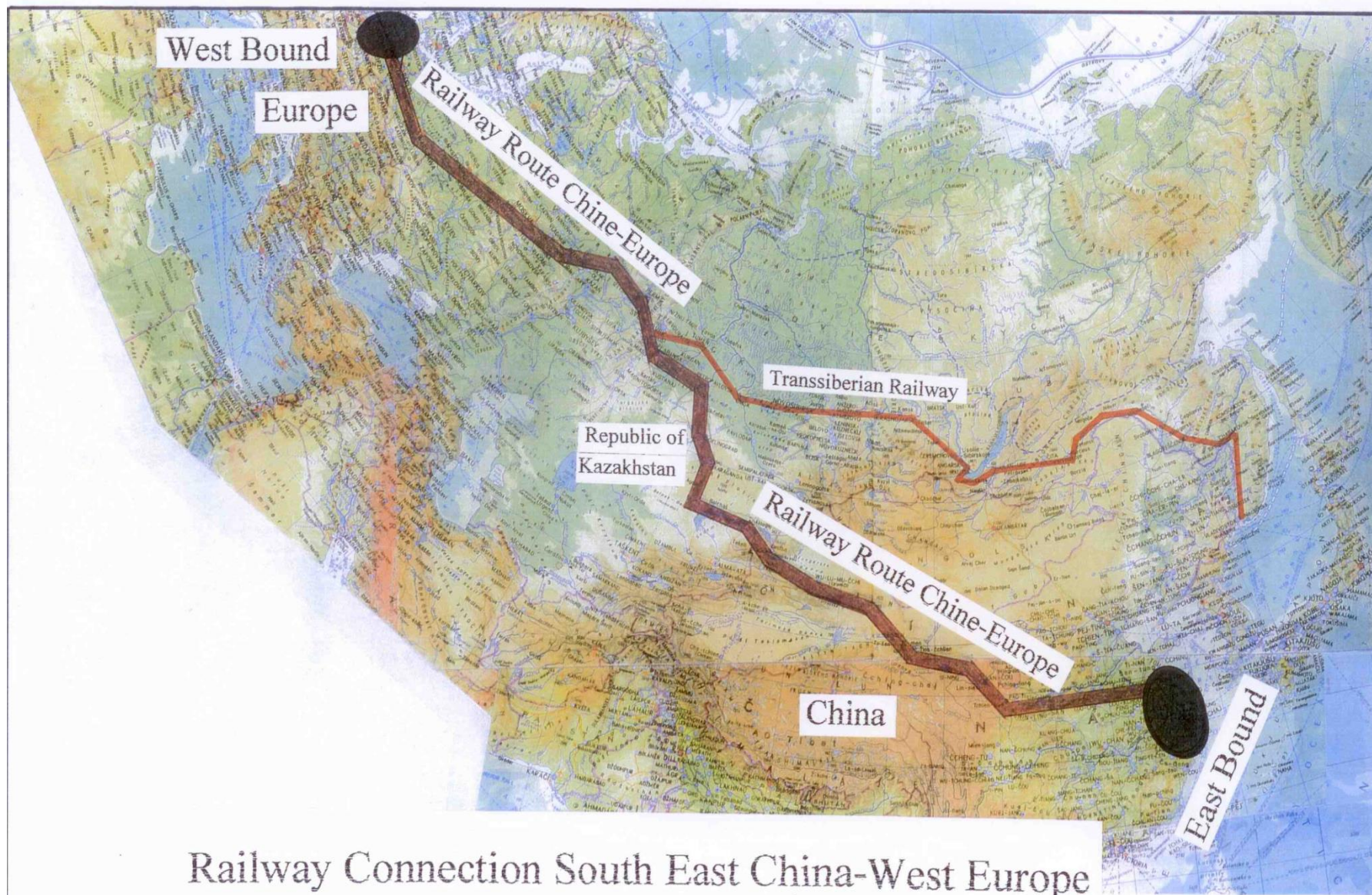
Объемы перевозок контейнерных грузов по ТСМ за 2010г.
в международном сообщении



Volumes of international container transports on the TSR in 2010



Schéme N° 3



Railway Connection South East China-West Europe

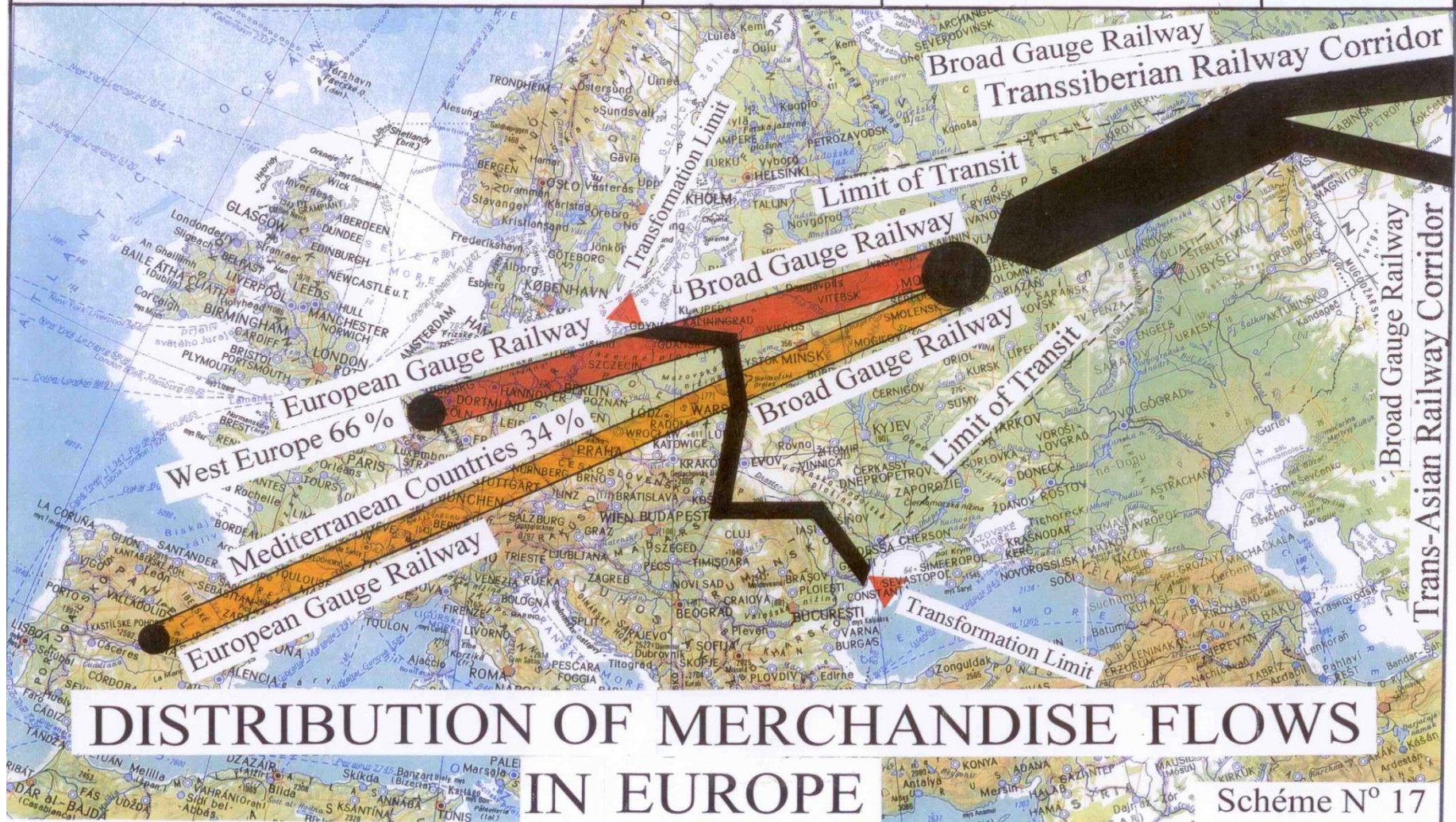
Schéme N° 8

Europe

Belarus
Ukraine

Russia

Asia



TRANSPORT POLICIES



Scheme N° 5



ТРАНСПОРТНАЯ ИНФРАСТРУКТУРА РОССИИ 2010–2030 гг.

Technological Limit (European Gauge/Broad Gauge)

Distribution/Collector Corridors

Transsiberian Main Corridors

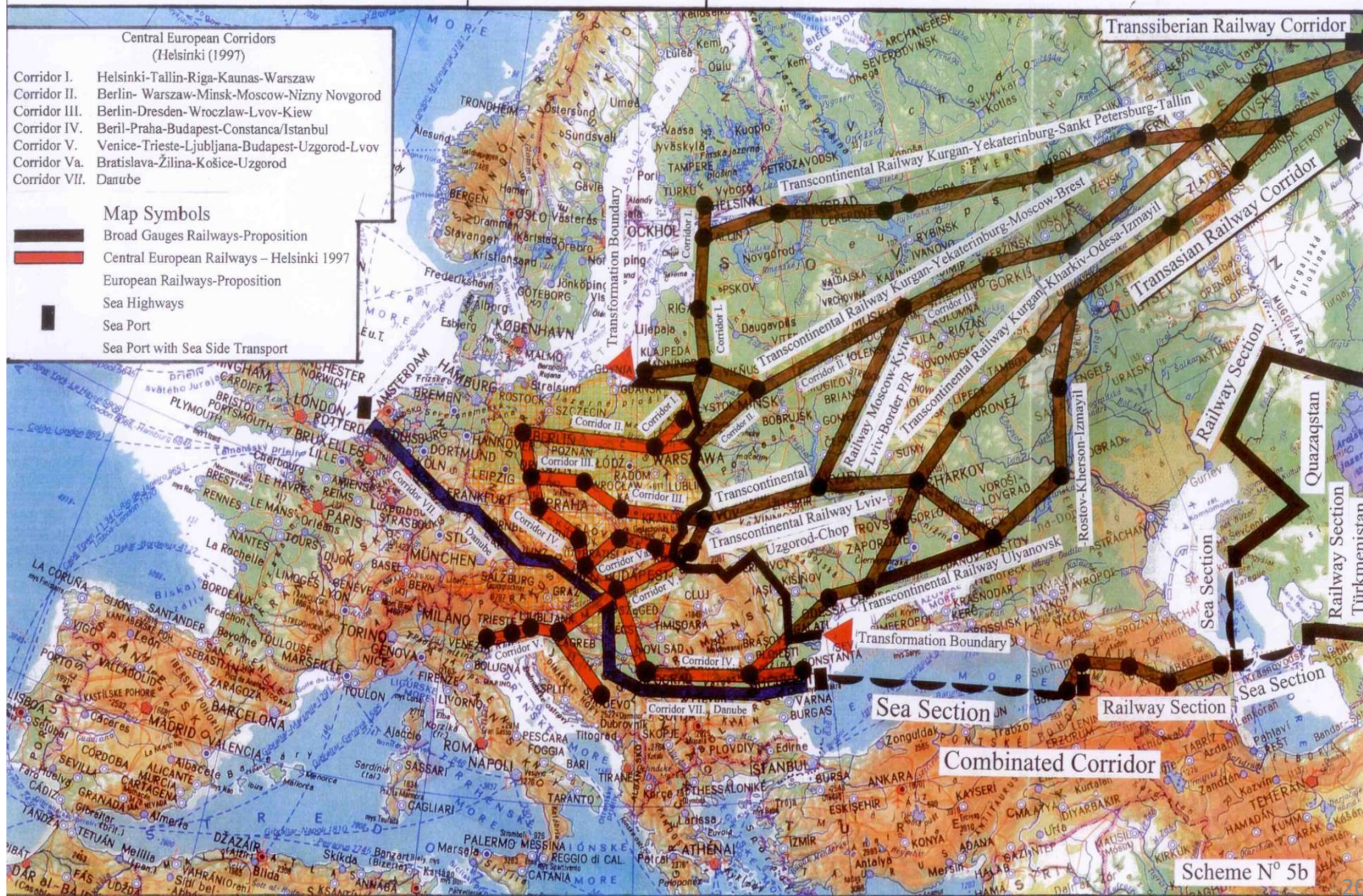
EU Corridors

- Corridor I. Helsinki-Tallinn-Kaunas-Warsaw
- Corridor II. Berlin-Warsaw-Minsk-Moscow
- Corridor III. Berlin-Dresden-Wroclaw-Lvov-Kijev
- Corridor IV. Berlin/Nürnberg-Praha-Budapest-Constanta/Tessaloniky; Istanbul
- Corridor V. Lvov-Uzgorod
- Corridor V. Branch „A“ Košice-Zilina-Bratislava
- Corridor VII. Danube

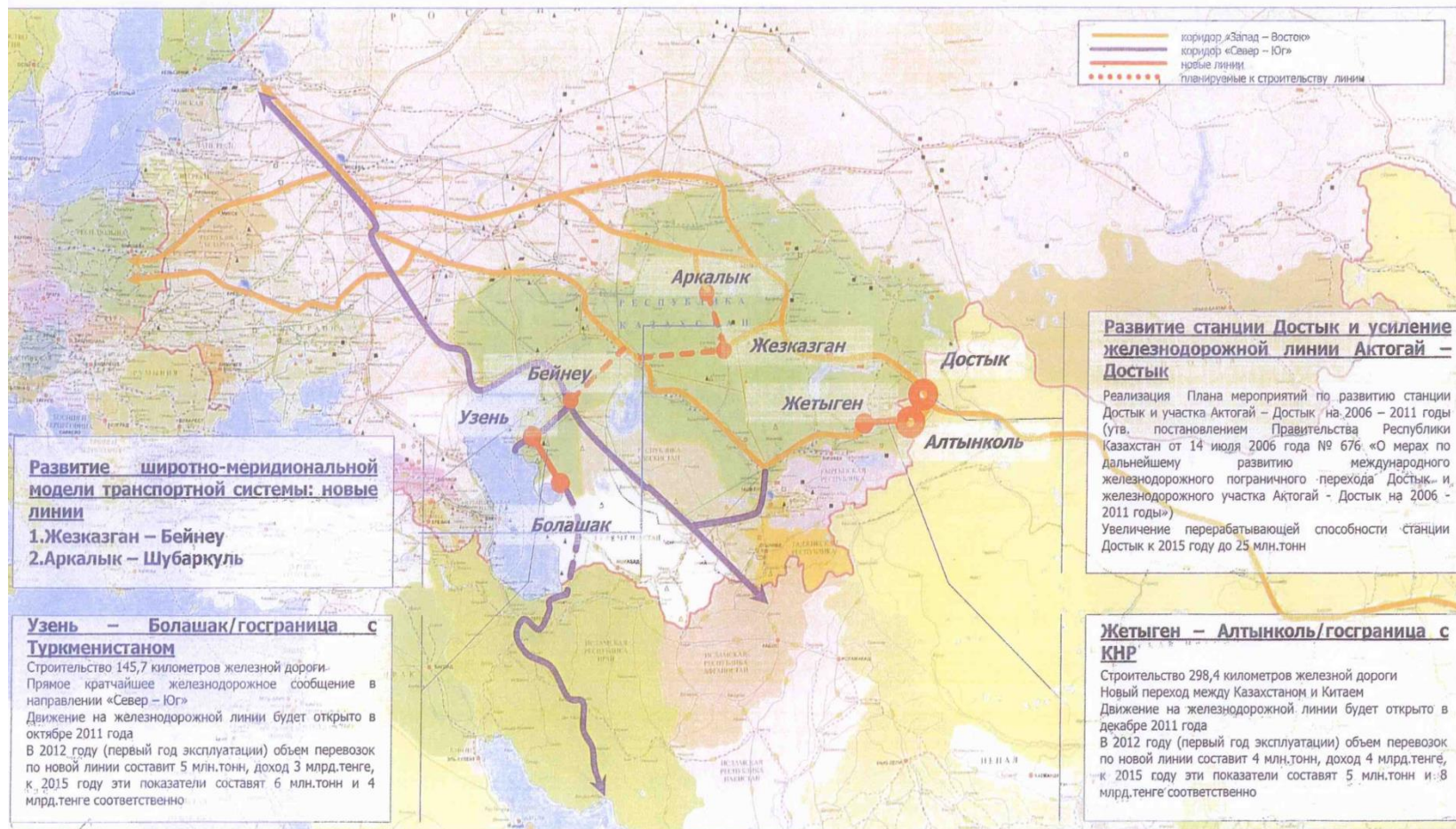
Schéme N° 5a

Asia

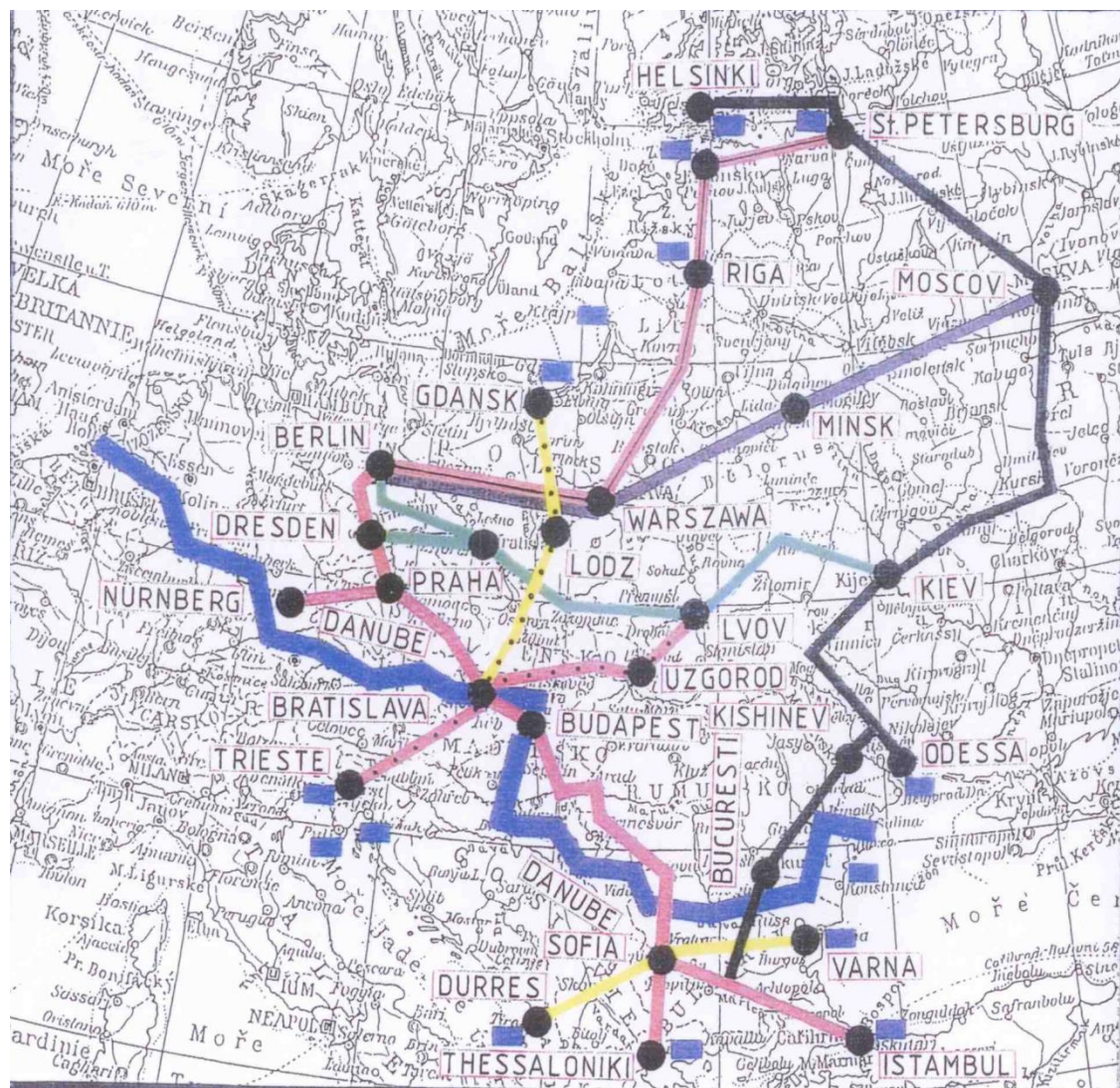
Broad Gauge Railways-Proposition



КАЗАХСТАН В СИСТЕМЕ МЕЖДУНАРОДНЫХ ТРАНСПОРТНЫХ КОРИДОРОВ «СЕВЕР – ЮГ» И «ЗАПАД – ВОСТОК»



Schéme N° 9



EUROPEAN RAILWAYS NETWORK

LAYER 2

A. Priority corridors in Central and Eastern Europe (2010)

- St. Petersburg-Riga-Warszawa-Berlin
- Berlin-Warszawa-Minsk-Moscow
- Berlin-Dresden-Wroclaw-Kiev
- Berlin-Nürnberg-Praha-Budapest-Thessaloniki/Istanbul
- Trieste/Bratislava-Uzgorod-Lviv
- Gdansk-Lodz-Bratislava
- Danube
- Durres-Sofia-Varna/Istanbul
- Helsinki-Moscow-Kiev-Odessa/Bucuresti-Istanbul
- Pristawy patrzace ku koridorom

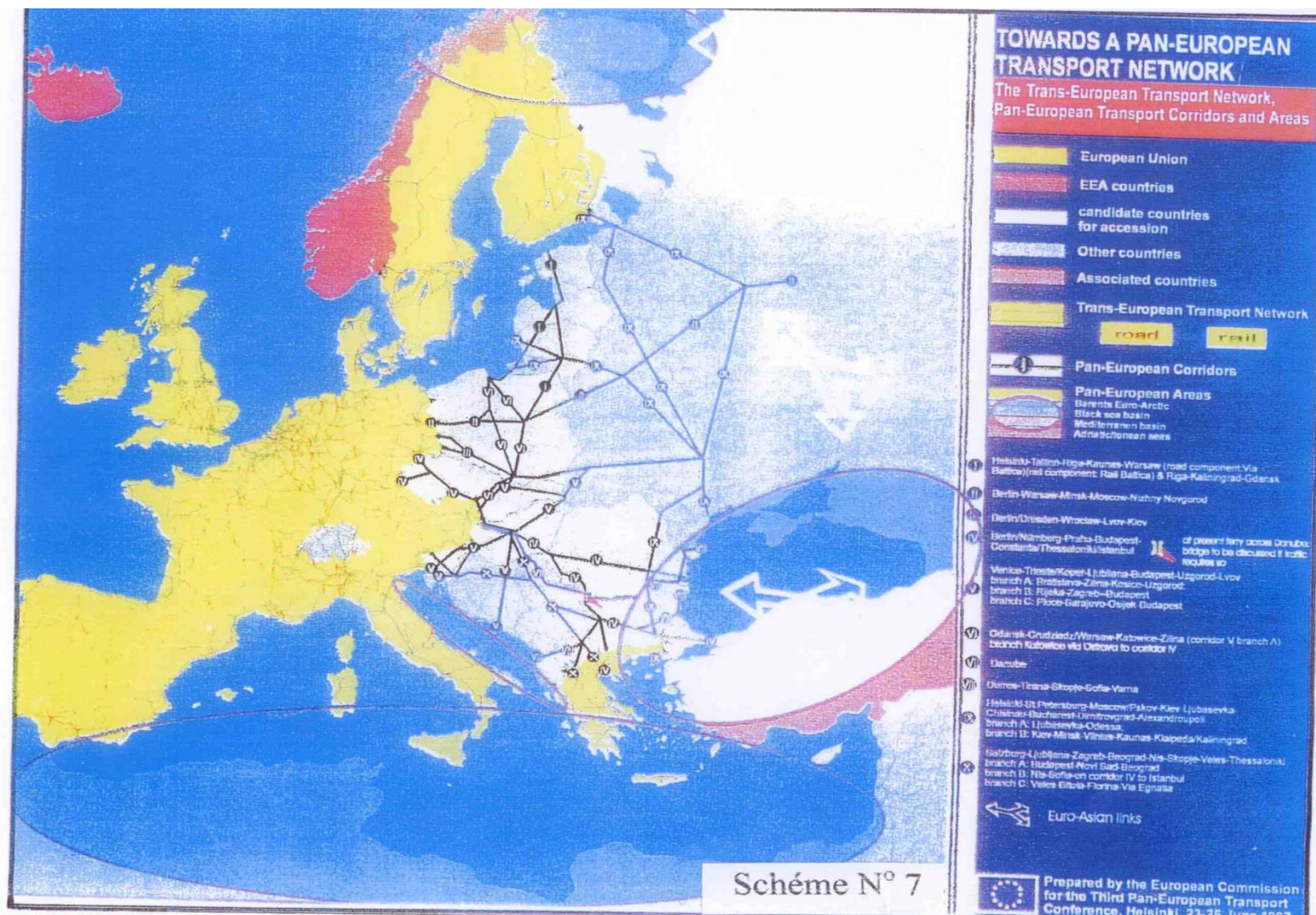
B. Railways belonging to:

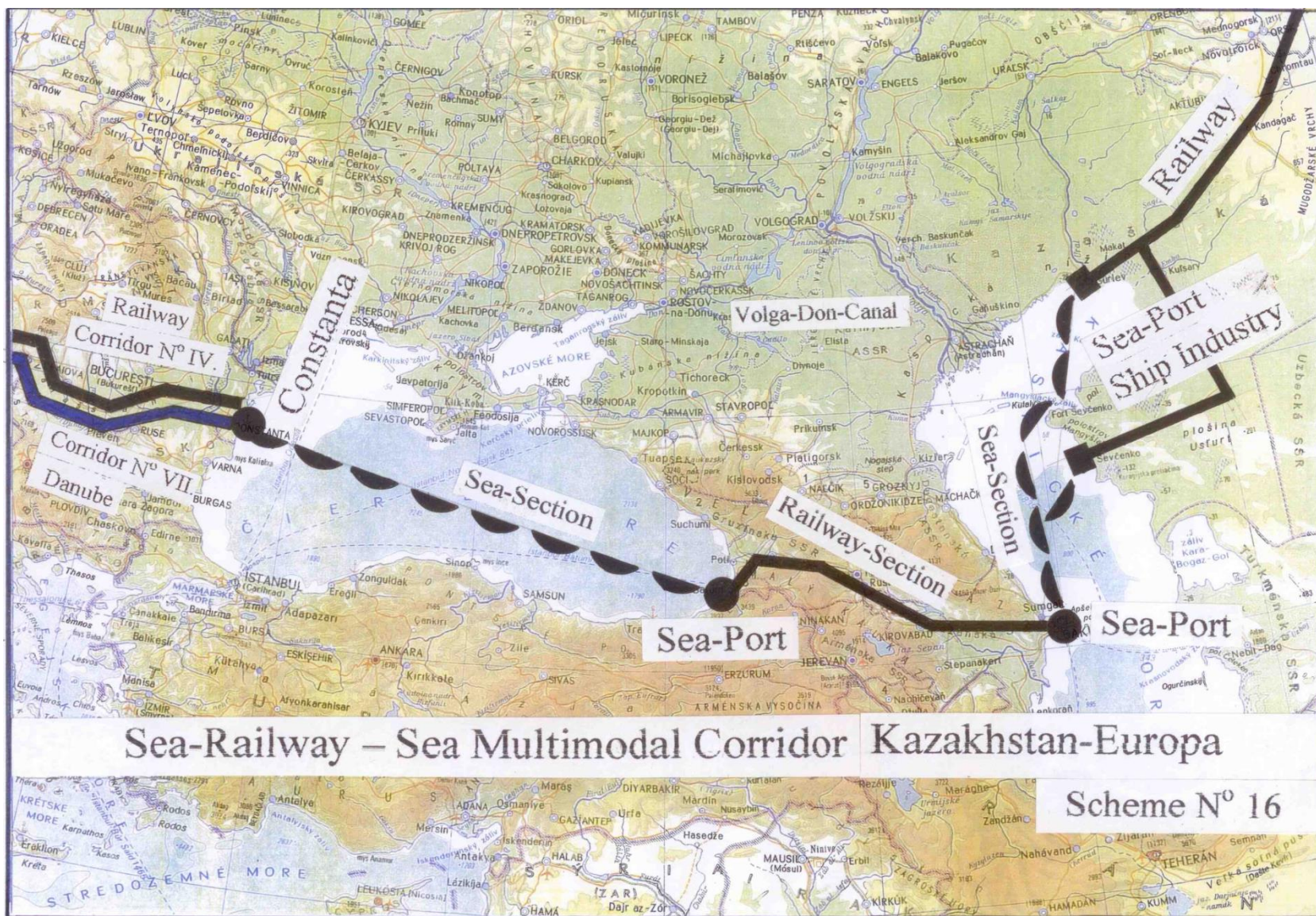
E.C. and E.F.T.A. Report of ad hoc group of "Commonwealth" (October 1993)
Other Countries: T.S.R. network of other main railway networks

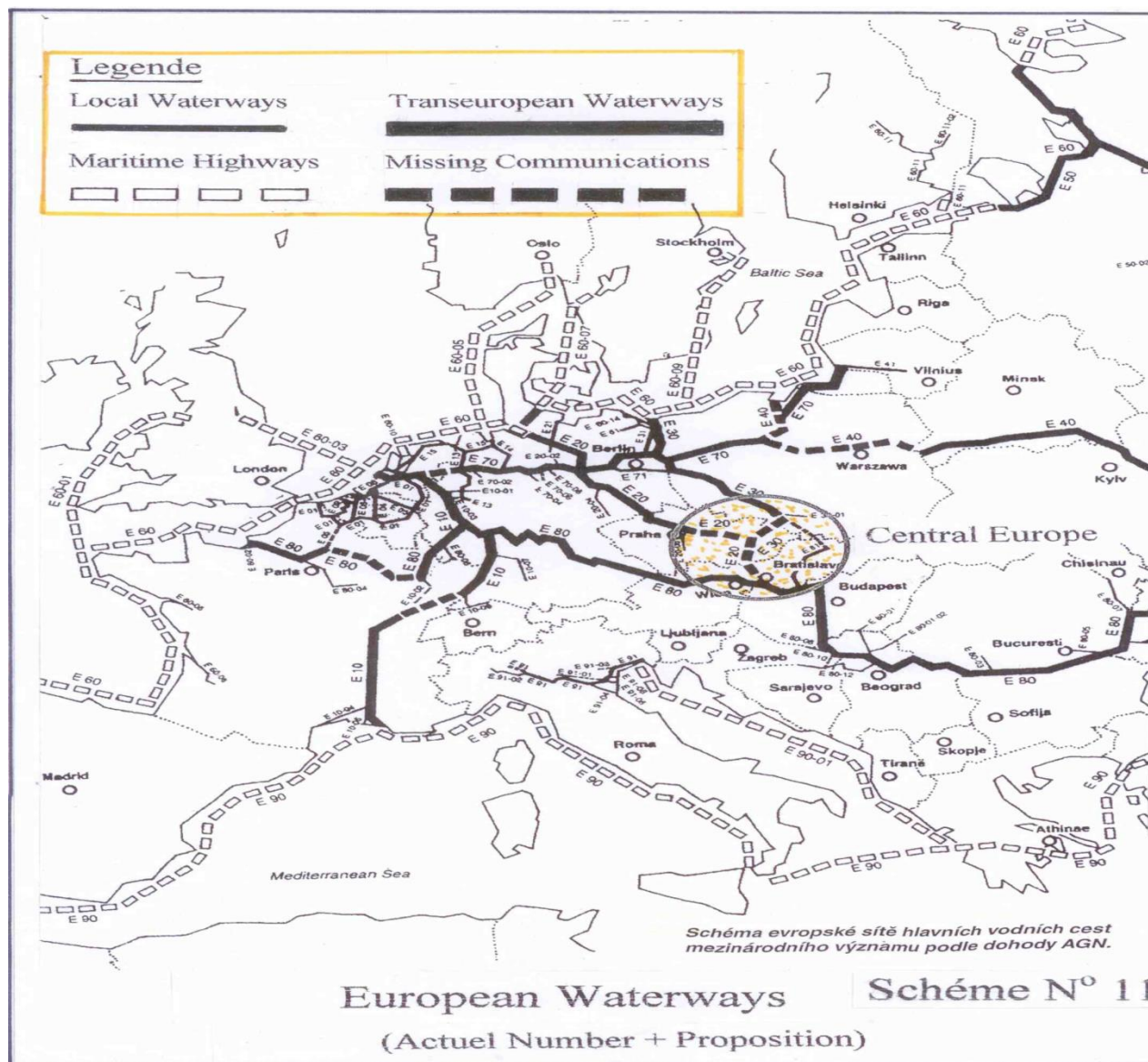
Zdroj: EUROSTAT-CISCO PROJECT -01/94



Schéme N° 6







European Transcontinental Railways

European Gauge Railways

Broad Gauge Railways

Asia

Broad Gauge Railways
Transport from Asia

(China, Japan, Korean Republic)

Transsiberian Railway Corridor

European Railways-Proposition

Central European Railways
-Helsinki

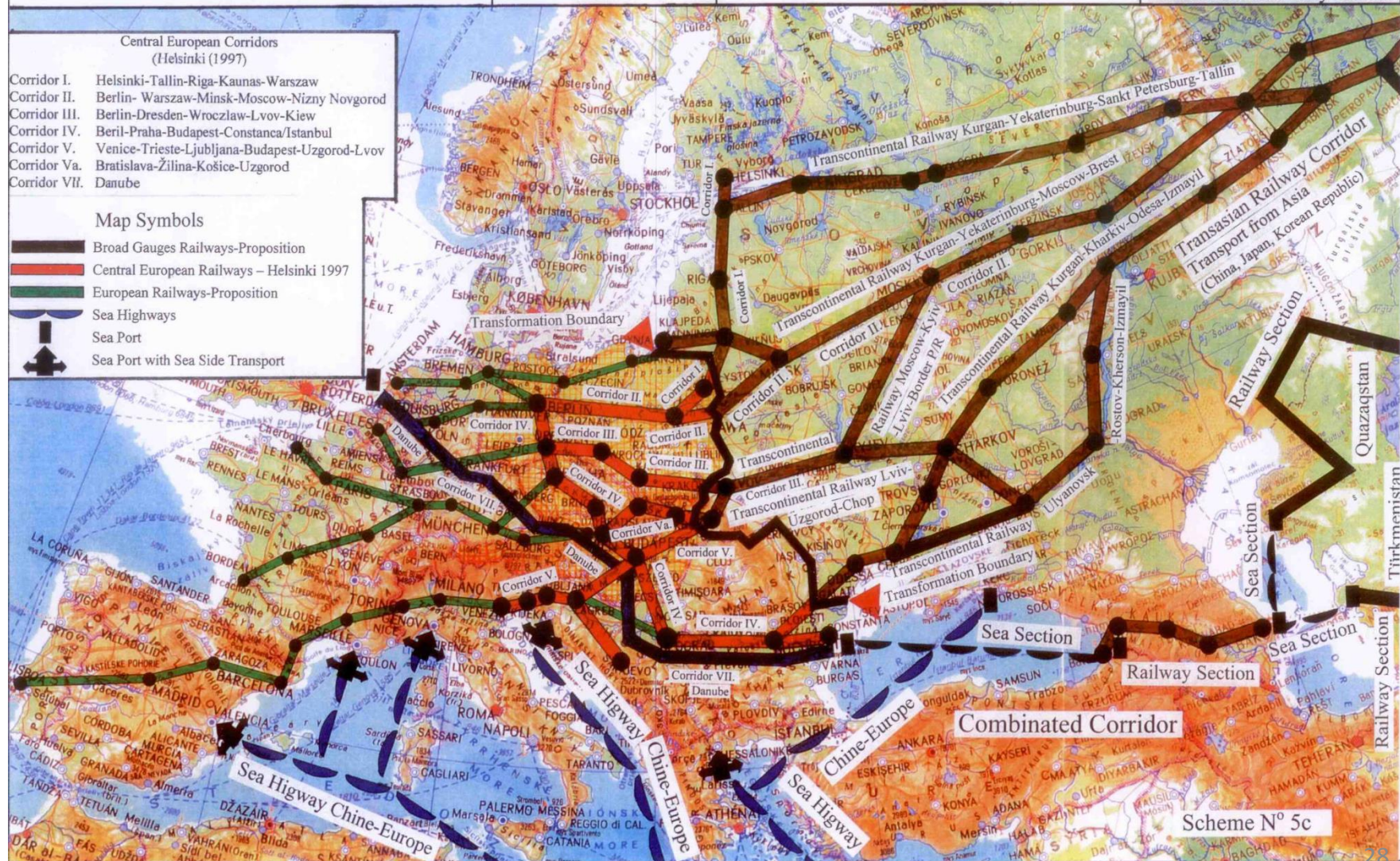
-Proposition

Central European Corridors
(Helsinki 1997)

- Corridor I. Helsinki-Tallin-Riga-Kaunas-Warszaw
- Corridor II. Berlin-Warszaw-Minsk-Moscow-Nizny Novgorod
- Corridor III. Berlin-Dresden-Wroclaw-Lvov-Kiev
- Corridor IV. Beril-Praha-Budapest-Constanza/Istanbul
- Corridor V. Venice-Trieste-Ljubljana-Budapest-Uzgorod-L.vov
- Corridor Va. Bratislava-Zilina-Košice-Uzgorod
- Corridor VII. Danube

Map Symbols

-  Broad Gauges Railways-Proposition
-  Central European Railways - Helsinki 1997
-  European Railways-Proposition
-  Sea Highways
-  Sea Port
-  Sea Port with Sea Side Transport



Scheme N° 5c

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