

UNECE Conference on Hinterland Connections of Seaports

Piraeus Greece, 17-18 September 2008

Main Challenges for Seaport Development in Asia and the Pacific

Tengfei WANG

Economic Affairs Officer
Transport Division

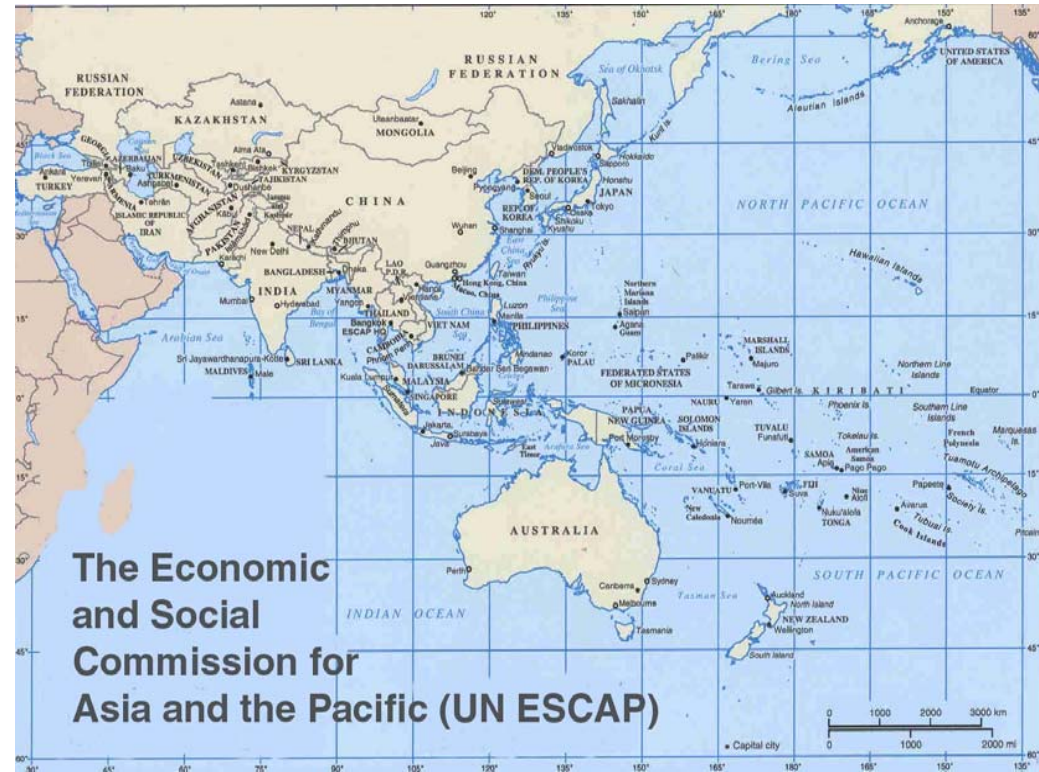


Main challenges in a nutshell

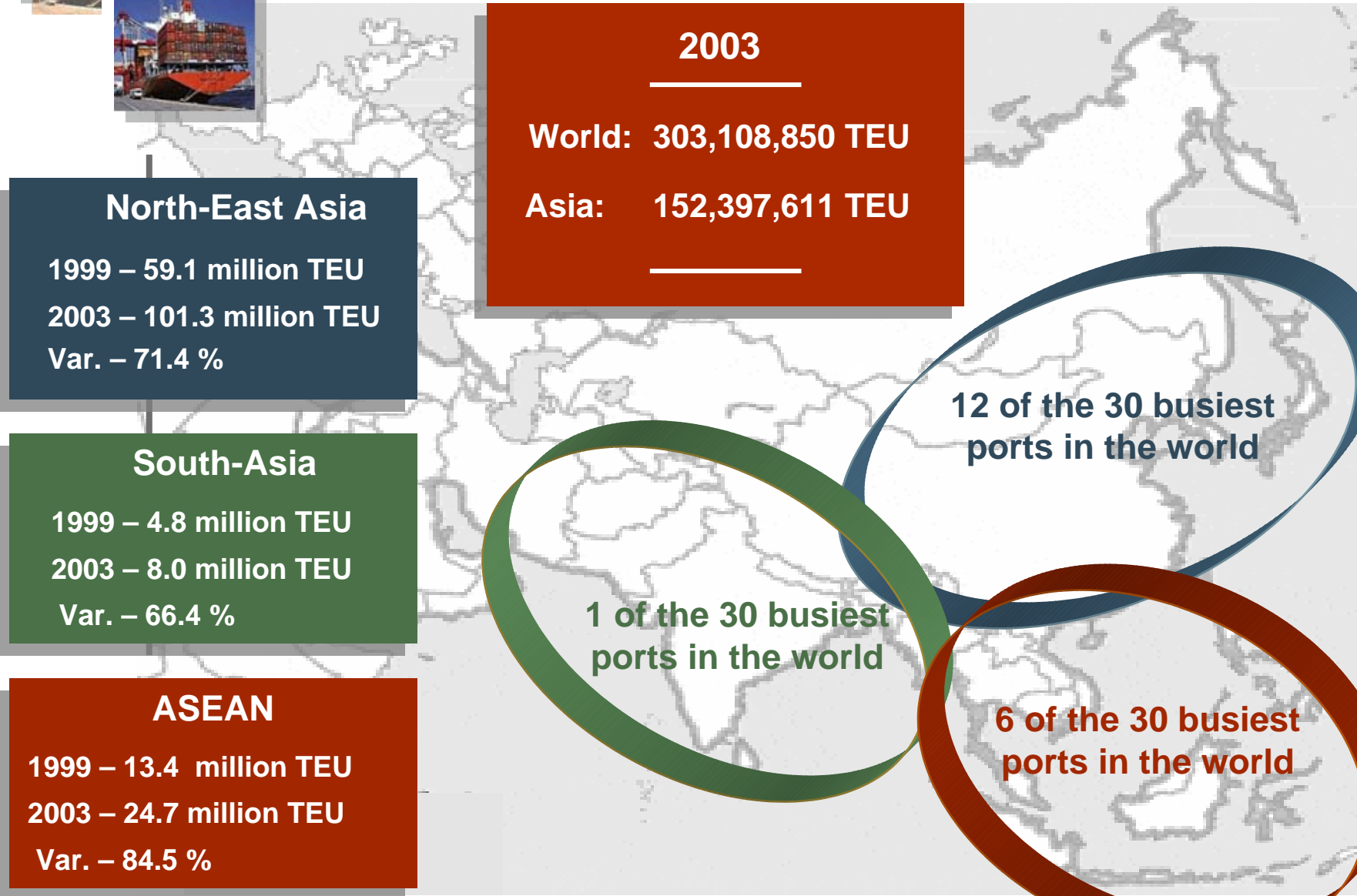
- Huge investment requirement on port infrastructure
- Inland cargo distribution and economic development
 - Transport infrastructure
 - Facilitation

UNESCAP at a glance: *Facts and figures*

- 4 billion people (62% of world population)
- 26% of world GDP
- Key nodes in International Production Networks
- Development concentrated in coastal areas
- 635 million people in absolute poverty with high concentration in inland areas

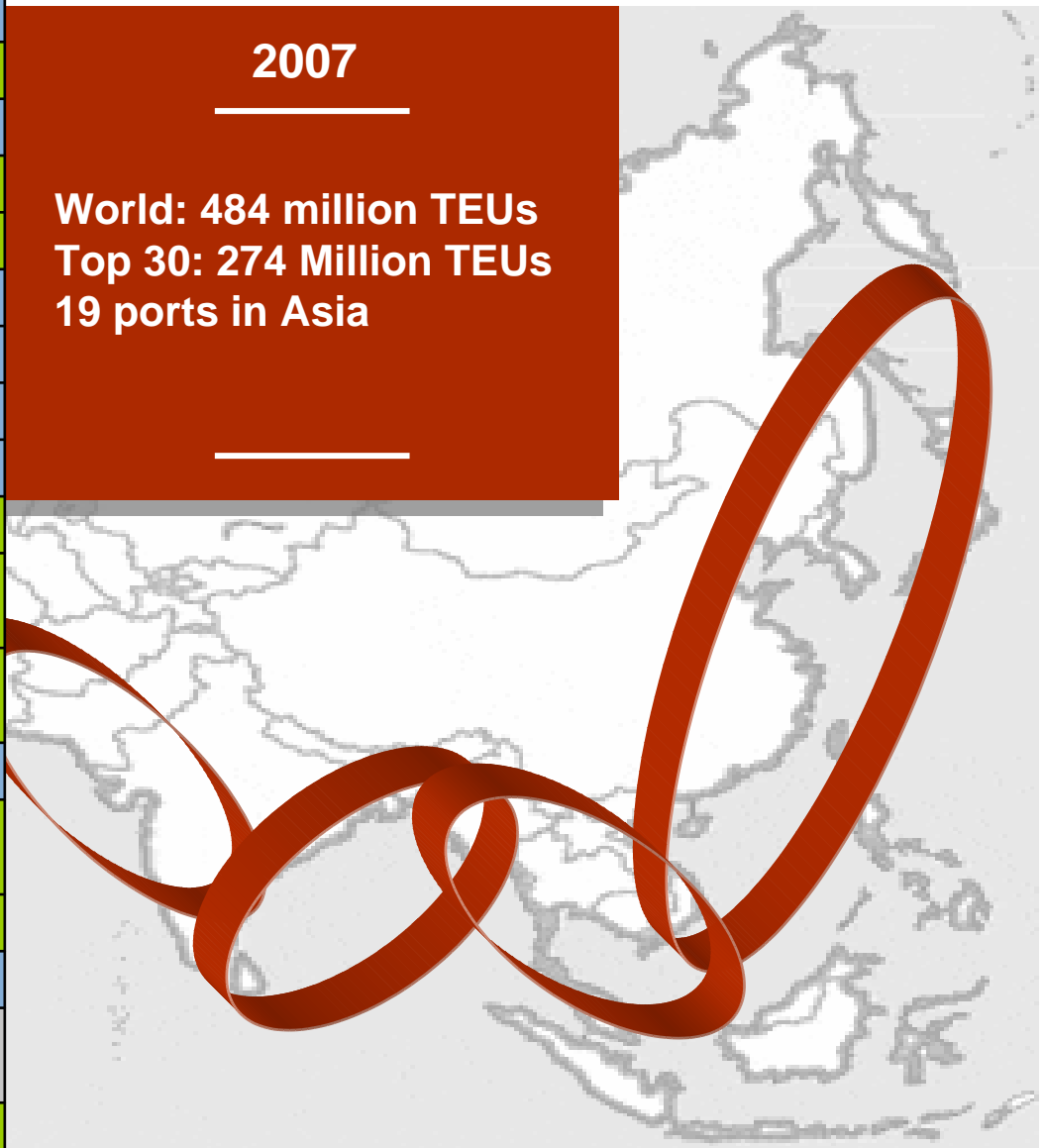


Container trade through Asia's ports



Container throughput at Asia's ports

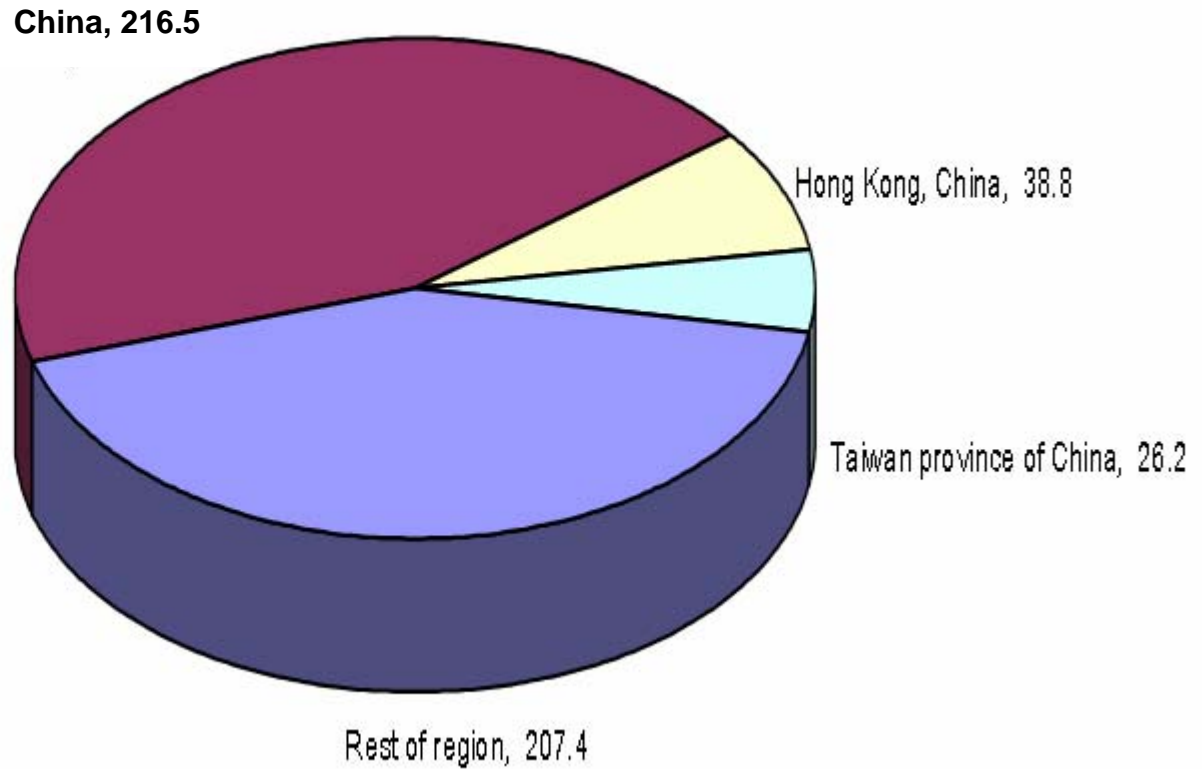
Country	Subregion	Million TEUs
Singapore	South East Asia	27.93
Shanghai	East Asia	26.15 
Hong Kong	East Asia	23.88
Shenzhen	East Asia	21.10 
Busan	North East Asia	13.27
Kaohsiung	East Asia	10.26
Qingdao	East Asia	9.46 
Ningbo	East Asia	9.36 
Guangzhou	East Asia	9.20 
Tianjin	East Asia	7.10 
Port Klang	South East Asia	7.12
Tanjung Pelepas	South East Asia	5.50
Laem Chabang	South East Asia	4.65
Xiamen	East Asia	4.63 
Tanjung Priok	South East Asia	3.90
Tokyo	North East Asia	3.82
Dalian	East Asia	3.81 
Jawaharlal Nehru	Indian Subcontinent	3.89 
Colombo	South Asia	3.38



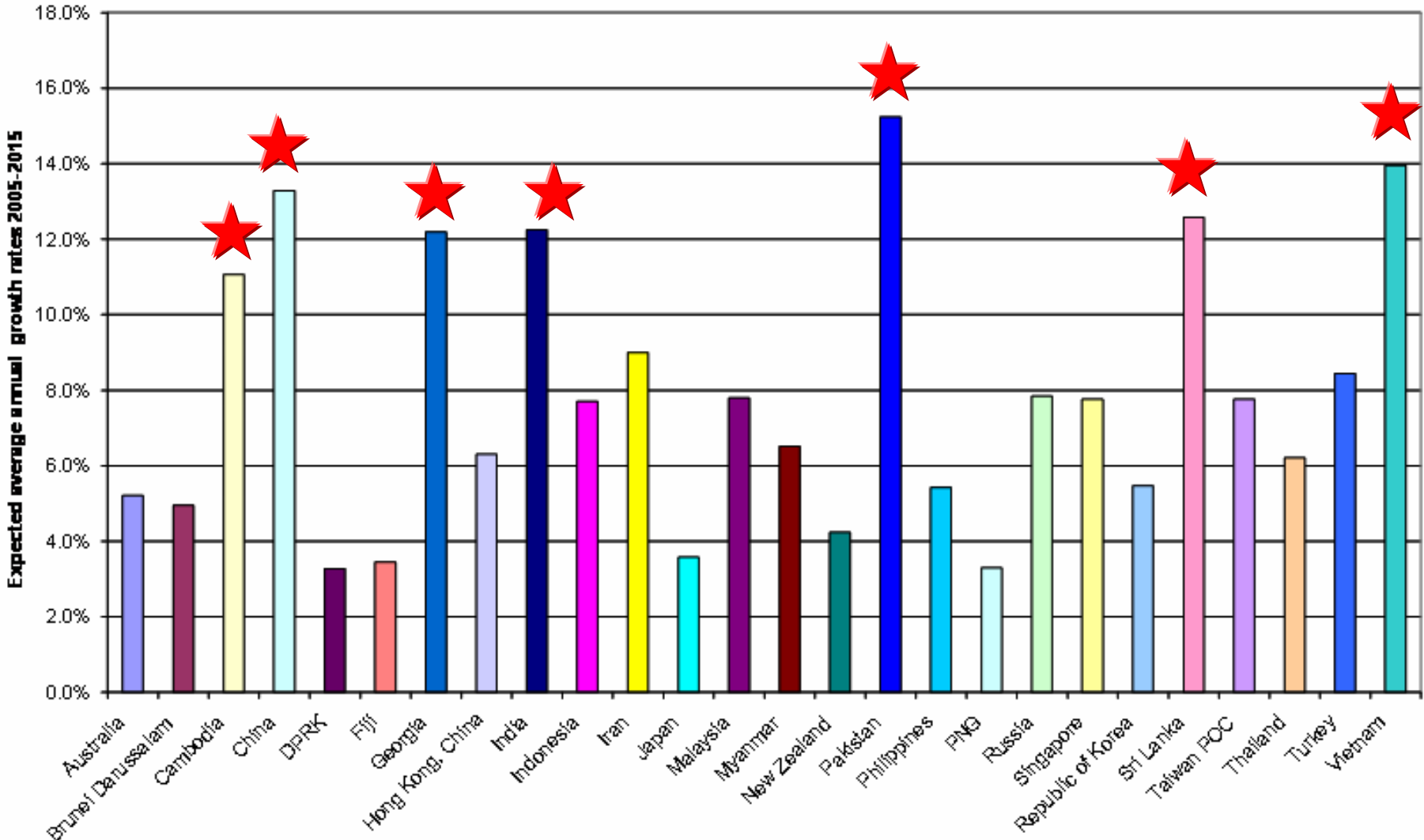
*Source: Containerisation International 2008

* Source: The Economist – The World in Figures, 2006 Edition

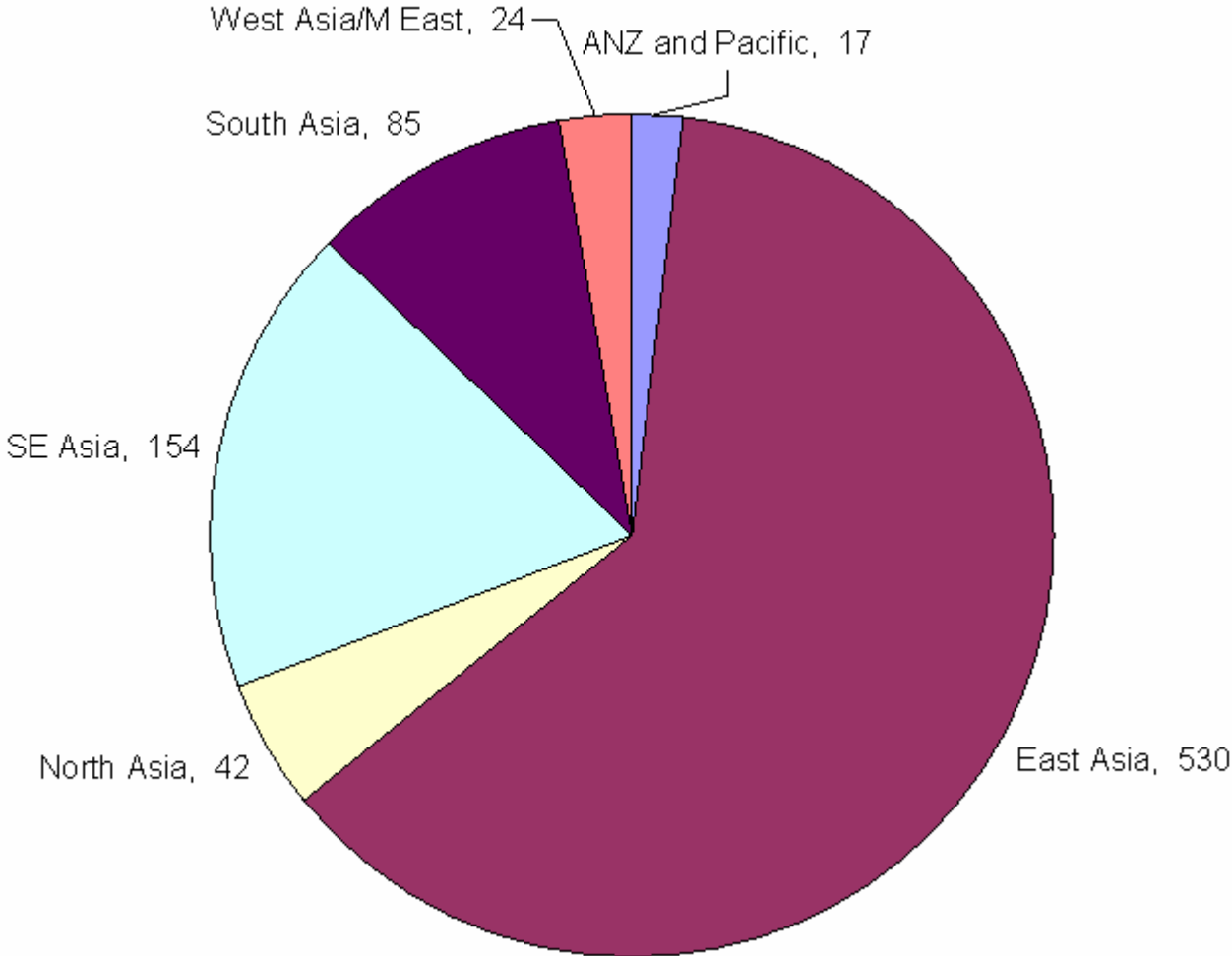
Port throughput, 2015 (mil. TEU)



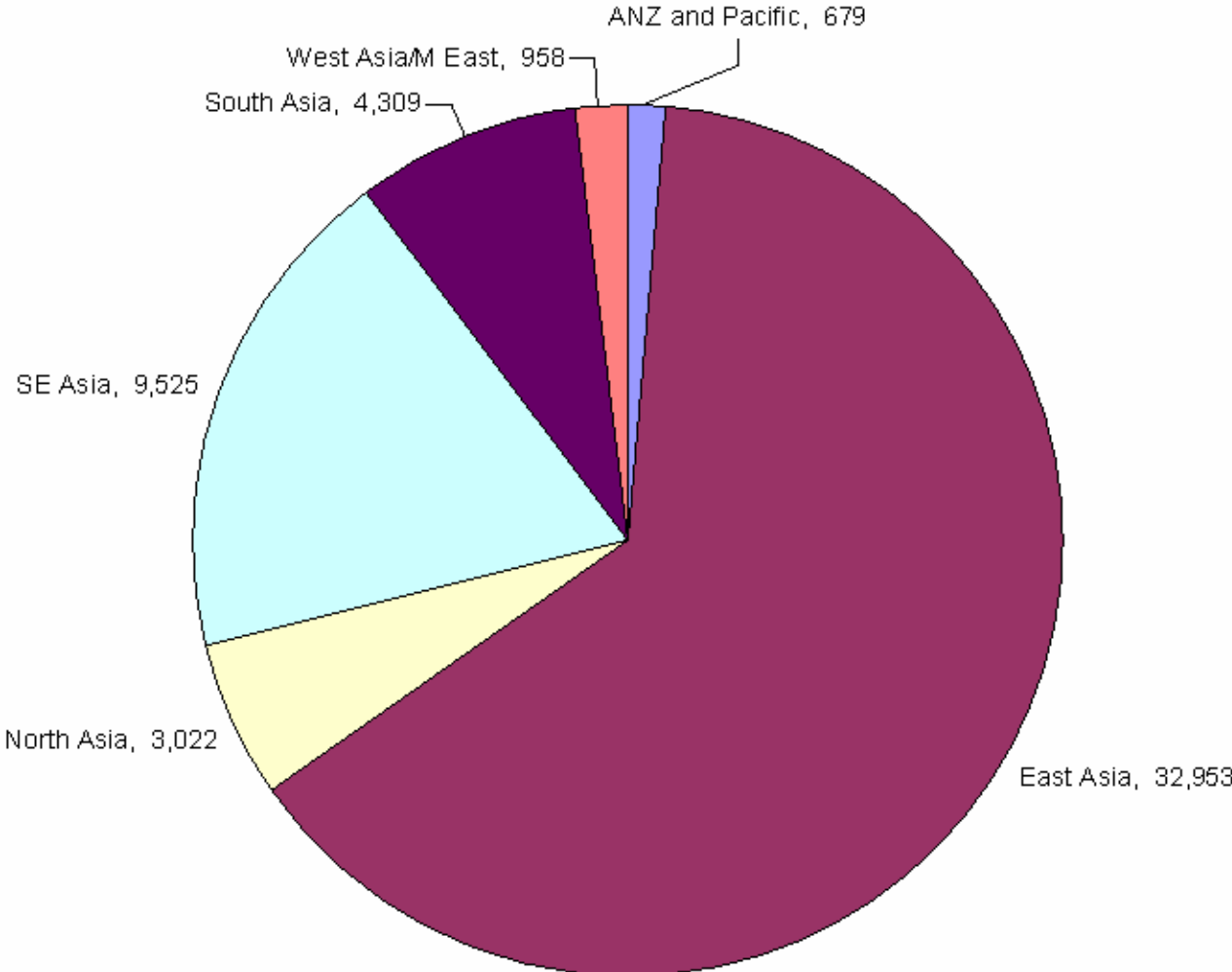
Port throughput growth (2005-2015)



Berths Requirement (2005-2015)



Investment Requirement (2005-2015; \$mil.)



Task of the TAR and AH networks

Bring the benefits of globalization to hinterland areas

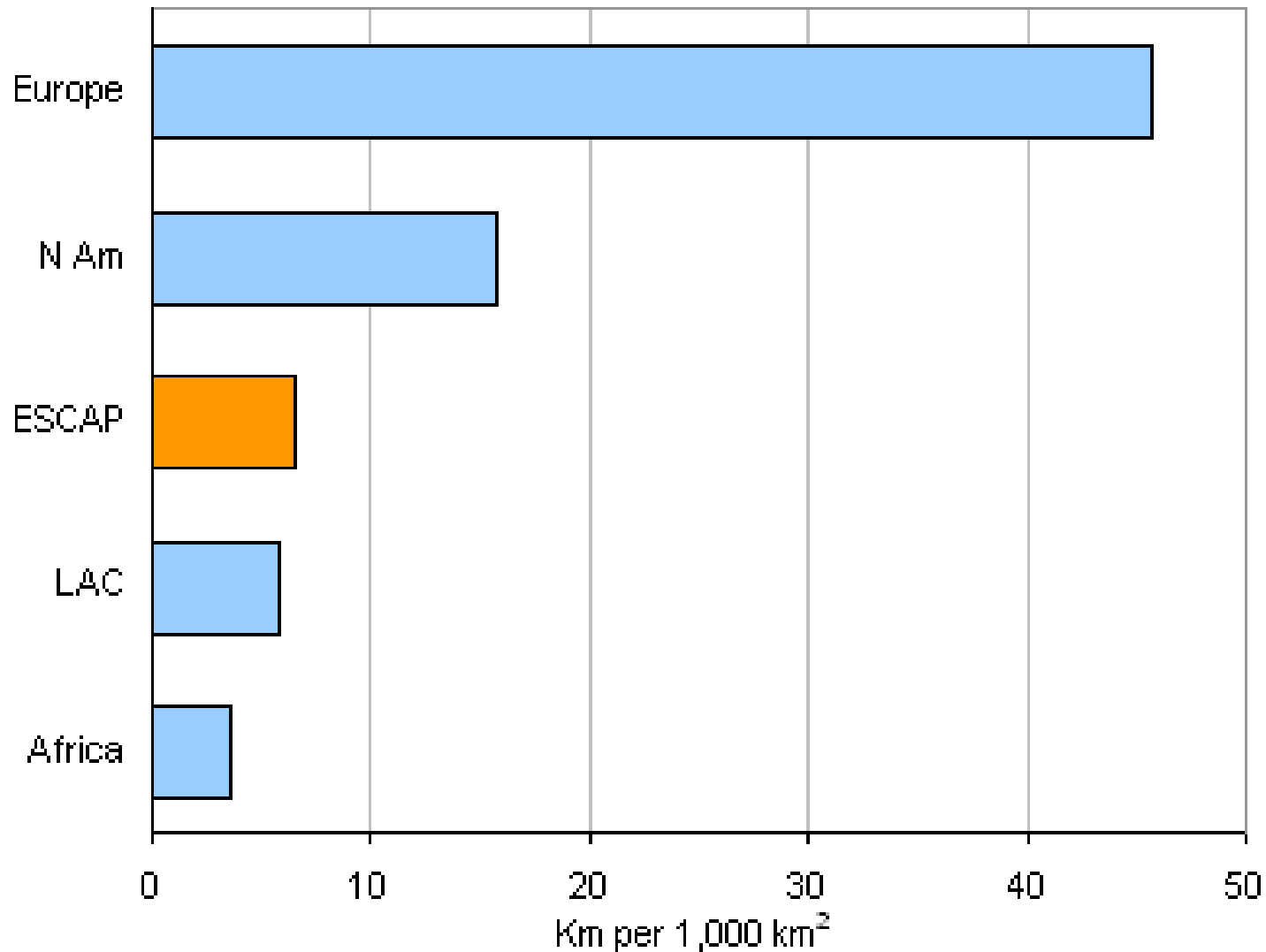
Create employment opportunities for all

Reduce congestion in urban areas



Railway density of the regions of the world 2005

(Source: Statistical Yearbook for Asia and the Pacific 2007)



Ministerial Conference on Transport

Republic of Korea, November 2006

Trans-Asian Railway



Asian Highway

Asian Highway



Adoption of “Busan Declaration on Transport Development in Asia and the Pacific”

- developing an ***international integrated intermodal transport system*** that contributes to long-term objective of regional cooperation in support of international trade
- ***giving priority to investment in Asian Highway and Trans-Asian Railway*** networks, including intermodal interfaces to link them with water and air transport networks
- ***promoting the development of economic and logistical activities at intermodal interfaces,*** particularly at production and consumption centres and around seaports and dry ports

Asian Highway Network

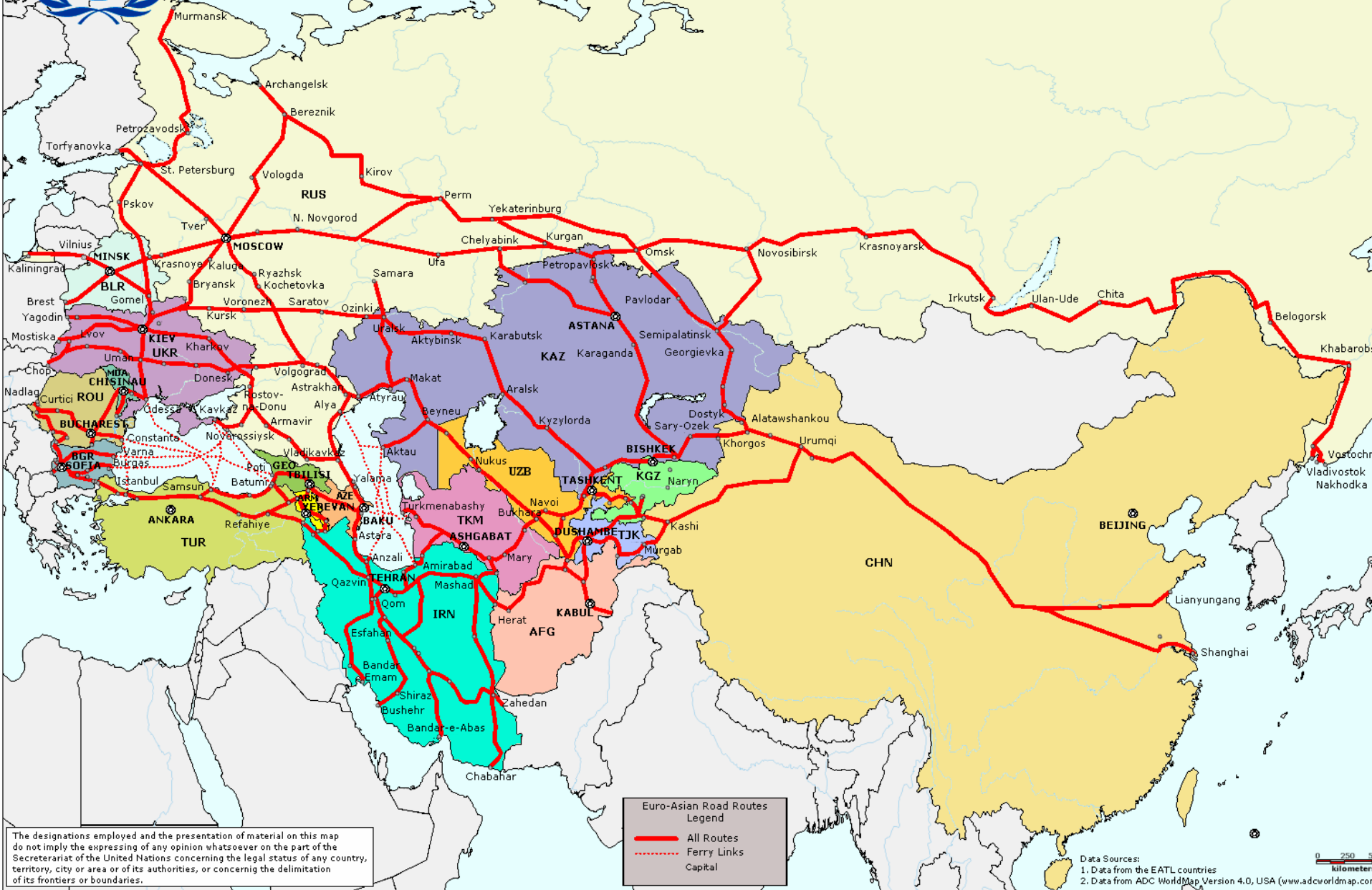


Trans-Asian Railway Network





UNECE-UNESCAP Euro-Asian Links ROAD ROUTES

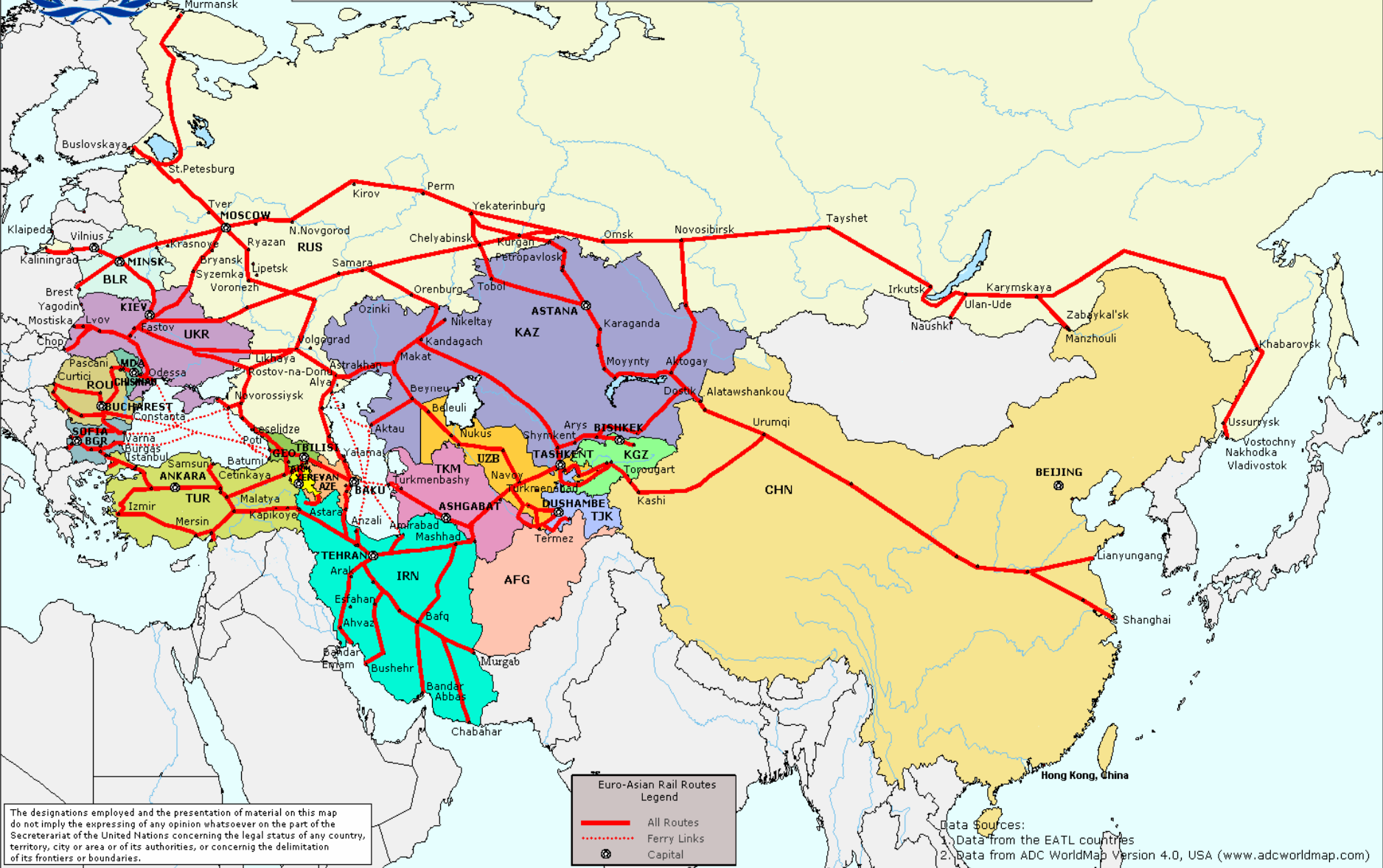


The designations employed and the presentation of material on this map do not imply the expressing of any opinion whatsoever on the part of the Secretariat of the United Nations concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

0 250 500
kilometer



UNECE-UNESCAP Euro-Asian Links RAIL ROUTES



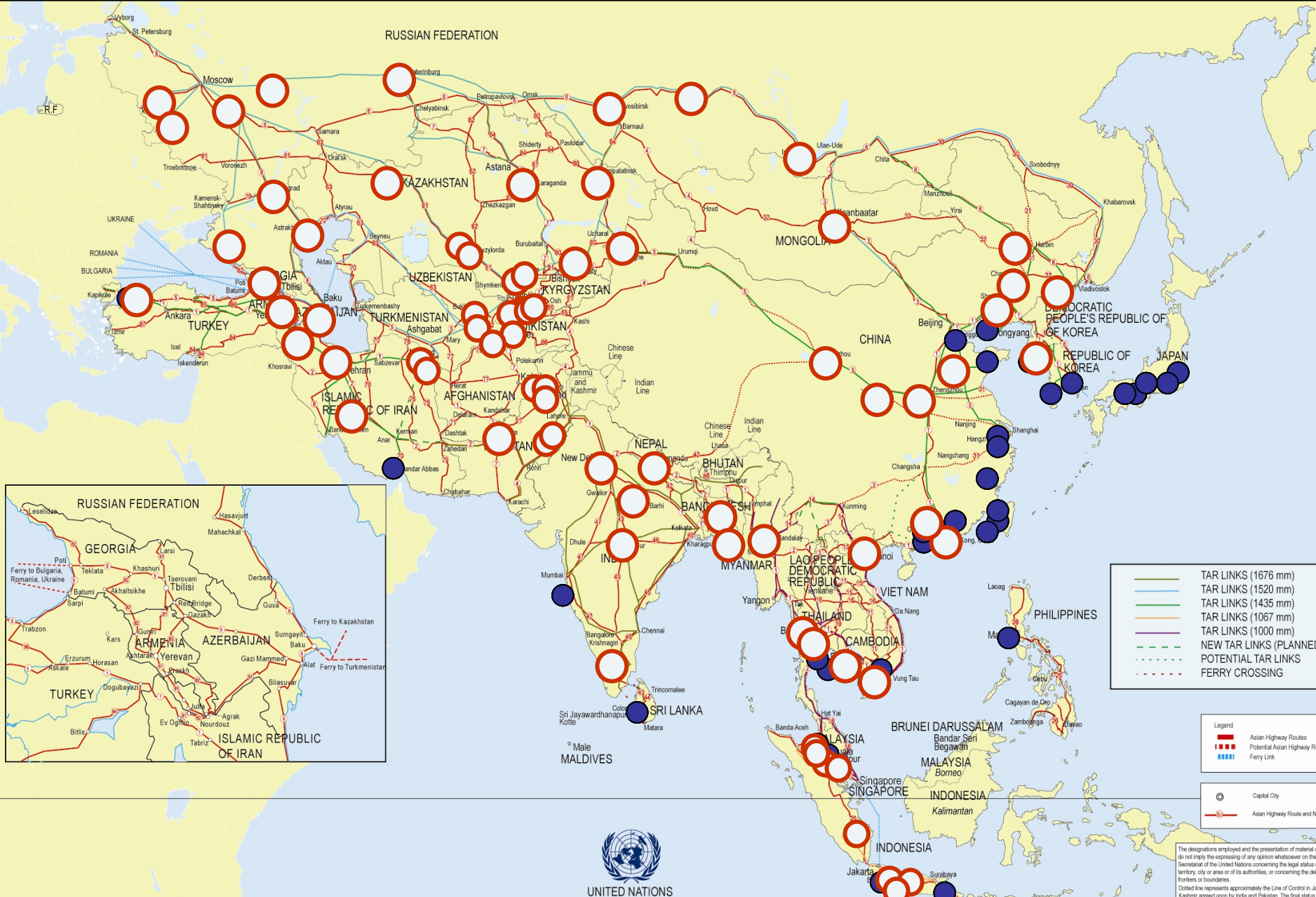
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Euro-Asian Rail Routes Legend

- All Routes
- ⋯ Ferry Links
- Capital

Data sources:
 1. Data from the EATL countries
 2. Data from ADC WorldMap Version 4.0, USA (www.adcworldmap.com)

International Integrated Intermodal Transport and Logistics System for Asia and the Pacific



Financing Infrastructure Investment

- Increasing investment requirement
 - Asian Highway: US\$18 billion (121 priority projects)
 - Trans Asian Railway: US\$15 billion (6,500 km missing links, single track)
 - ICD, Dry ports
- Need to overcome public funding shortfalls
 - Public-Private Partnership

Improved regional connectivity alone not enough

- Focus from purely infrastructure to facilitation
- Border crossing harmonization of legal regimes
- Integrated approach to trade & transport facilitation
- Identifying, isolating & addressing non-physical bottlenecks

Thank you

*For more information, please
refer to*

www.unescap.org/ttdw

Or contact

*Mr Tengfei Wang
Economic Affairs Officer
Transport Facilitation Section
Transport Division
United Nations ESCAP
Email: wangt@un.org*

