ESCAP
Economic and Social Commission for Asia and the Pacific

Ministry of Public Works and Transport

Emerging Opportunities and Challenges for Enhancing Rail Connectivity Along the Tran-Asian Railway Network

29th - 30th April 2024, Bangkok Thailand.

PRESENT BY. DEPARTMENT OF RAILWAYS

MINISTRY OF PUBLIC WORKS AND TRANSPORT

LAO PDR

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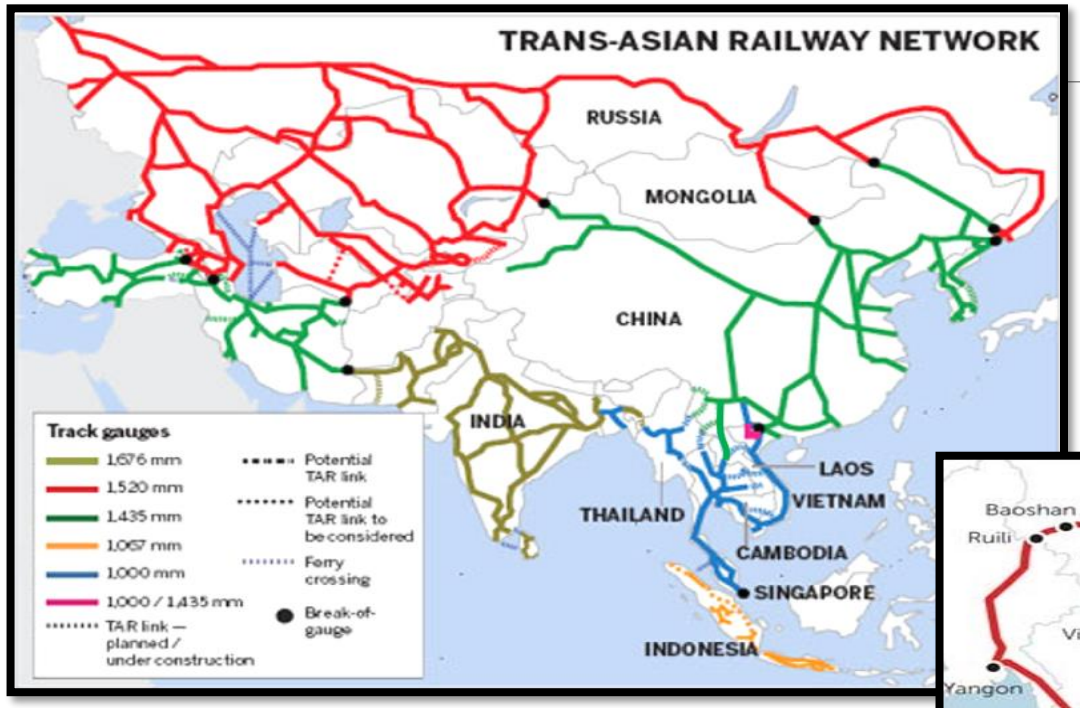
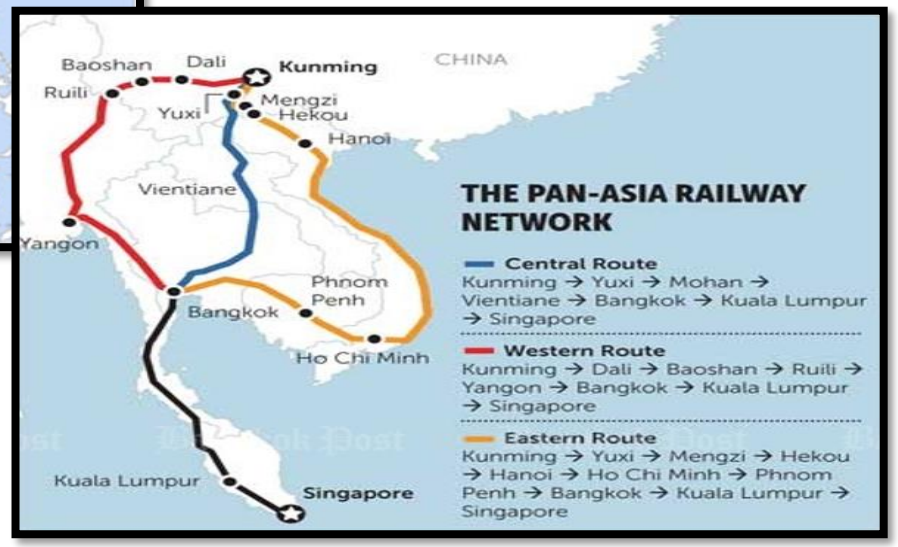
Overview Railway Connectivity



Trans-Asian Railway Network: (TAR) linking Europe to Asian and promoting better economic and social and transport integration of the two continents.



PAN-ASIA railway network: is one of three routes which will form the Trans Asian Railway. Linking Kunming to Singapore.

Connection Plan and Railway Network in Lao PDR



1. Current Railway Lines Operation:

❶ Railway Line from Vientiane – Boten (Lao-China border), length 422,44 Km

❷ Railway Line from Vientiane– Nong khai (Lao-Thai border), length 11 Km

2. Connection Plan.

❖ Short Term Plan:

❶ Railway Line from Vientiane–Na Phao (Lao-Vietnam border), length 452 Km

❷ Railway Line from Savannakhet–Lao Bao (Lao-Vietnam border), Length 220 Km

❖ Middle Term Plan:

❶ Railway Line from Thakhek-Pakse-Vung Tao (Lao-Thai border), length 345 Km

❖ Long Term Plan:

❶ Pakse – Veunkham (Lao-Cambodia border), Length 100 Km

❷ Pakse – Paksong – Dak Cheung (Lao-Vietnam border), Length 208 Km

Overview of Lao-China Railway



- Total length: Vientiane to Kunming (CN) = 1.035 Km.
- Section in Laos VTE to Boten Border = 422,44 Km
  - Rail line = 156,471 Km
  - Bridges = 166 (69,219 Km)
  - Tunnels= 75 (196,75 Km)
  - Passenger and Goods Stations = 11 Stations
  - Type of train: Level I
  - Width of tracks: 1,435 m (standard)
  - Railway track: single
  - Speed (Passenger train): 160 km/hr.
  - Speed (Goods train): 120 km/hr.

Railway and Sea Port Connectivity

Leam Chabang Port, Thailand



Port Klang, Malaysia



Port of Singapore

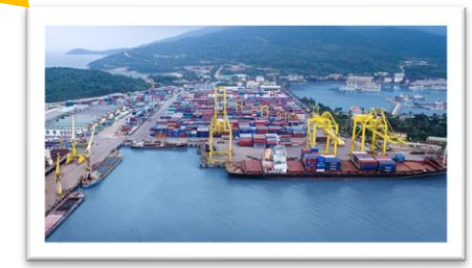




Thanaleng Dry Port, LAO DPR



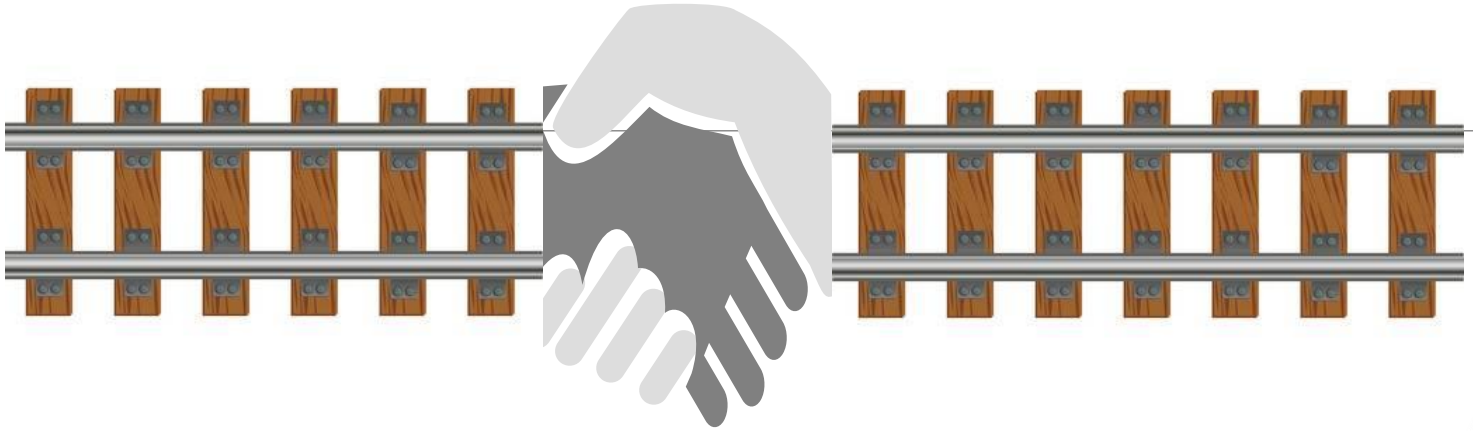
Vung Ang Port, Vietnam



Sihanoukville Port, Cambodia



Lao Railway Corporation



Organization for Cooperation of Railways

- Member of OSJD in Dec 2022
- Join the SMPS and SMGS in 1st Jan 2023





Lao’s Railway Connectivity Challenges



1. need to develop the customs and rail-specific operational in border procedures.
2. Lack of experience in the management system of railway.
3. Lack of funds for the development infrastructure and facility of railways connectivity.

Thank you for your attention