MINISTRY OF TRANSPORT
MALAYSIA

CAPACITY BUILDING WORKSHOP ON RAIL CONNECTIVITY BETWEEN SOUTH-EAST ASIA AND NORTH AND CENTRAL ASIA

High-Level Meeting on Deepening Digitalization of International Rail Transport in Asia-Pacific, 13-15 May 2025, Xi'an, China

PRESENTATION OUTLINE

KEMENTERIAN PENGANGKUTAN MALAYSIA



- **PART 1: CROSS BORDER INITIATIVES**
  - ASEAN Express
  - Rapid Transit System (RTS)
  - Trans Borneo Railway
- **PART 2: CHALLENGES FACED TO ADDRESS CROSS BORDER INITIATIVES**



PART 1 :

CROSS BORDER INITIATIVES

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Graphic source: The Star

ASEAN Express embodies a transformative leap in regional logistics, facilitating swift and efficient transport of diverse cargo between ASEAN – China & beyond







First commercial ASEAN Express freight train service was launched on 27 June 2024

A landmark achievement by rail in pioneering ASEAN cross-border freight services into China

PART 1 | CURRENT STATUS OF RAILWAY BORDER OPERATION

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RTS Link Project

- The RTS Link or Rapid Transit System Link Project connects Bukit Chagar in Johor Bahru and Woodlands North in Singapore.
- The project is scheduled to complete in December 2026. Currently, the progress of infra works is at 6.9%.

Estimated Costs

Infrastructure costs (excluding system which is under RTSO) ~ RM3.052 B

Background

- The Cabinet has in October 2018 appointed MRT Corp or its subsidiary as the InfraCo Malaysia to implement and complete the infrastructure works for the RTS Link Project.
- Adil Permata Sdn Bhd (APSB) was appointed by the Cabinet as the main contractor on its capacity as the land owner representative for Bukit Chagar and Selat Tebrau.
- One Stop Procurement Committee has on 18 Jun 2020 approved the appointment of APSB at a construction cost of RM2 B.
- Preliminary works have commenced at Bukit Chagar and Wadi Hana sites which include utilities mapping, soil investigation works, trial pits, site clearing and site office construction.
- Railway Scheme, EIA and SIA have been approved and land acquisition has completed at a total cost of RM210.7 million.
- Major construction activities are scheduled to commence by end of 2021 to enable the infrastructure to be handed over to RTSO (a joint venture of Prasarana Malaysia Berhad (Prasarana) and SMRT Corporation Ltd (SMRT) for systems installation works.

Facts

- Bilateral Agreement (BA) signed between Malaysia and Singapore in July 2020.
- Target completion (infra works) : December 2024
- No. of station: 1 (Bukit Chagar)
- No. of trains: 8 train sets of 4-car LRT
- Length: 4km (MY: 2.7km / SG: 1.3km)
- Depot: Wadi Hana



PART 1 | CURRENT STATUS OF RAILWAY BORDER OPERATION

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- 2 stations: Bukit Chagar, Johor & Woodlands North, Singapore
- 4km double track (2.7km – Malaysia, 1.3km – Singapore)
- Light Rapid Transit (LRT) system
- Capacity of 10,000 passengers per hour per direction (PPHD)
- Connectivity to other public transport networks & parking bays



PART 1 | CURRENT STATUS OF RAILWAY BORDER OPERATION

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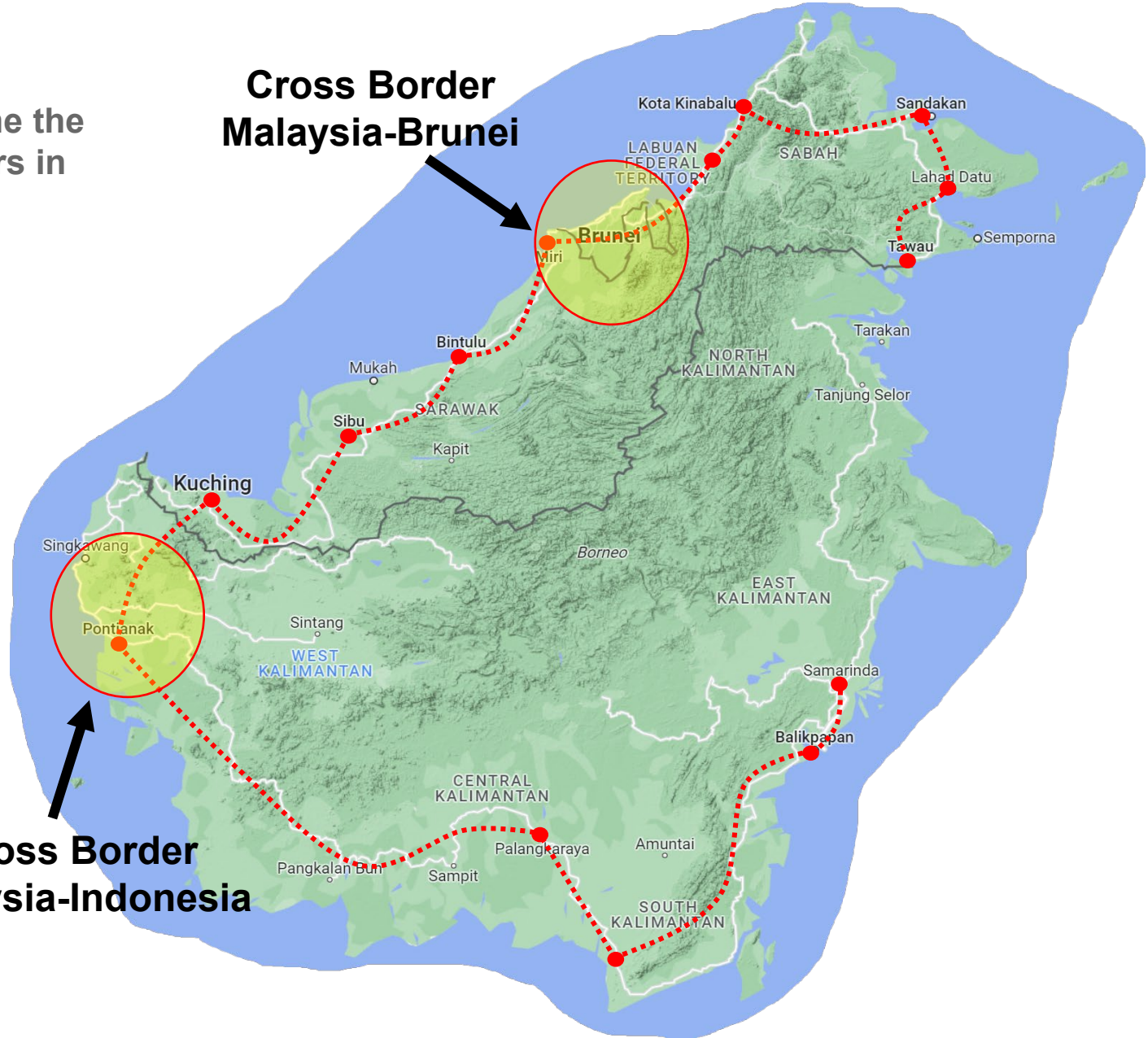
Trans Borneo Railway is the main rail network that drives Sarawak's economic growth and will become the backbone of the transport of goods and passengers in Borneo.

- For Phase 1, the proposed alignment covers the cities – Kuching, Sibu, Bintulu, Miri
- Connected to the Kalimantan (Indonesia) railway network via Pontianak, then to Samarinda via Palangkaraya, Banjarmasin and Balikpapan as well as Nusantara.
- Expected completion of this study by August 2026





PART 2 :

MEASURE TO ADDRESS CROSS BORDER INITIATIVES

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Standardized and harmonised **connectivity** system for the control of the movement of goods and people in transit through ASEAN Member States

Common **railway infrastructure** and/or any **rolling stocks** operated and approved by respective ASEAN railway operators, supporting ASEAN fleets as one.

Establish efficient ASEAN regional **MRO centres and facilities,** increase ASEAN localization and not relying on external OEMs



Cross selling and code sharing of tickets for cross border passenger services enabling enhance passenger experience, expansion of network, growth and diversify revenue streams and passengers for railway operators.



THANK YOU

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