

Railways in Malaysia



Snapshot 2016
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Relevant Background

Independent from the British Empire since 1957, the country has excluded Singapore in 1965 and formed the current borders. Utilizing Oil revenues from Petronas, the country has seen strong investments in infrastructure, education and industry and is part of the Asian Tiger states.

The next general election of the parliament will be latest on 24. June 2018

The corruption and money laundering controversy over the 1mdb investment fund has spurred discussion on the integrity of many political figures.

Minister of Transport: Liow Tiong Lai

Statistics

Area: 330'803 km
Population: 31'260'000 (2016 estimate)
Per capita income (PPP): 25'833 USD
GDP: 375 bn USD
by sector: agriculture: 7.1%; industry: 36.8%; services: 56.1%

Climate

Monsoon climate

Political Structure

Divided in 13 States & 3 Federal Territories.
States are sub-divided in Districts and further divided in Mukims (Divisions for East Malaysia)

Rolling Stock Manufacturers

CRRC (previously CSR Zhuzhou)
• Assembly Plant in Ipoh

Scomi Rail Bhd
• Engineering and manufacturing plant in Rawang



CRRC Manufacturing Plant



Scomi Manufacturing Plant

Ongoing and proposed projects

Major onging projects include:

- Kuala Lumpur LRT expansion project
- Gemas-Johor Bahru Electrification and Double Tracking (197 km)
- Klang Valley MRT

Major proposed projects include:

- Kuala Lumpur–Singapore High Speed Rail (375km)
- Sarawak Corridor of Renewable Energy line (320km)
- KL Monorail Line Extension
- MRT Circle Line Kuala Lumpur

And further on the horizon:

- East Coast Rail Line 13.1 bn USD (built and financed by China)



Note: East Malaysia has no relevant railway operations, therefore it is not shown here

Rolling Stock

KTMB:

- 18 Class 81 EMU Komuter Trains
- 22 Class 82 EMU Komuter Trains
- 22 Class 83 EMU Komuter Trains from Hyundai
- 6 Class 91 EMU Komuter Rotem/Mitsubishi Electric
- 38 Class 92 EMU Komuter CRRC Zhuzhou
- 10 Class 93 intercity EMUs CRRC Zhuzhou
- 20 Class 26 D-Loc Adtranz/GE
- 20 Class 29 D-Loc CRRC Dalian
- 2 Class EL E-Loc CRRC Zhuzhou

Rapid Rail

- 12 Scomi Sutra Monorails
- 35 Mark 2 Bombardier ART trains
- 14 Bombarider Innovia Metro 300
- 4 Siemens Inspiro sets for KL Line 9

Express Rail Link

- 12 Siemens Desiro EMU
- 6 Commuter EMUs from CRRC Changchun

Major cities

1'776 km existing 1000mm network

57 km existing 1435mm network
planned 1435mm network

Major Operators

Keretapi Tanah Melayu Berhad (KTMB)

- Main intercity passenger train operator
- Owned by Malaysian government
- Operator of freight trains in Malaysia
- Operator of commuter services around KL

Sabah State Railway

- Operates a 134 km railway in North Borneo, East Malaysia

Express Rail Link Sdn Bhd

- Private company
- Operates high speed line between Kuala Lumpur International Airport and KL Sentral.
- 57km standard gauge network

Rapid Rail

- Operates public transport in the Klang Valley, currently operates Ampang Line, Kelang Jaya Line and KL Monorail
- Owned by Finance Ministry/Prasarana

Major suppliers

Rolling stock:

- CRRC Zhuzhou
- Siemens
- Bombardier
- Hyundai Rotem

Infrastructure:

- IN: Ircon International Limited (double tracking Seremban-Gemas)
- MY: Gamuda -MMC (Klang Valley MRT)
- JP: Sumitomo Corporation