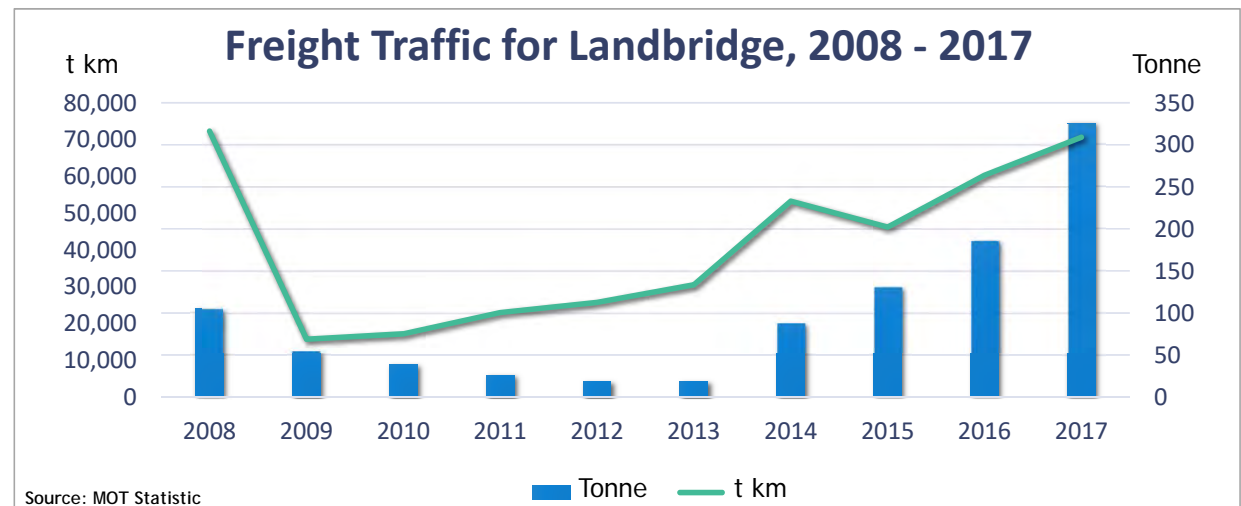


Appendices

KTM Kargo



- KTM Kargo provides cargo services that are safe and reliable, with a network that is highly accessible from seaports and inland Container Depot (ICD) as well as urban and rural areas.
- The Landbridge Services is a service that trains load of containers made its way from Setia Jaya (Sg. Way), Selangor to Bangkok, Thailand. Landbridge Services is also a testimony of KTM Berhad's commitment towards the setting up of the Trans-Asia Rail Link, the proposed connection that has the potential to strengthen and enhance trade between ASEAN and China. Through the service, a total of 80 TEUS/40 wagons of cargo can be moved per trip, with an average of 4,500 TEUS monthly. Cargoes normally transported using this service include steel, chemical, gypsum boards, machinery, electronic products and consumer goods.



KTM Intercity & KTM Komuter

KTM Intercity



- **KTM Intercity** is the brand name for a group of diesel-hauled intercity train services in Peninsular Malaysia, Southern Region, Singapore and Thailand operated by Keretapi Tanah Melayu Berhad (KTMB).
- A few operate solely along the East Coast line between Tumpat and Gemas and on to Singapore.
- Connecting South & East Coast Sector in 3 major routes:
 - JB Sentral - Tampin
 - JB Sentral - Tumpat
 - JB Sentral - Woodland Singapore
- Amenities & services available in Intercity:
 - Superior Night Sleep
 - Aircond Premier Class
 - Aircond Superior Class
 - Aircond Economy Class

KTM Komuter



- KTM Komuter is an electrified commuter rail service first introduced in 1995, catering especially to commuters in Kuala Lumpur and the surrounding suburban areas.
- The service was then introduced in the northern Peninsular Malaysia states of Kedah, Perak and Pulau Pinang in September 2015 after the completion of the Ipoh-Padang Besar Electrification and Double-Tracking Project.
- The trains used are air-conditioned electric multiple units. Convenient 'Park & Ride' facilities are provided at stations at a nominal charge.
- 4 major routes for KTM Komuter trains:
 - Batu Cave - Pulau Sebang
 - Tanjung Malim - Pelabuhan Klang
 - Padang Rengas - Bukit Mertajam
 - Butterworth - Padang Besar



KTM ETS

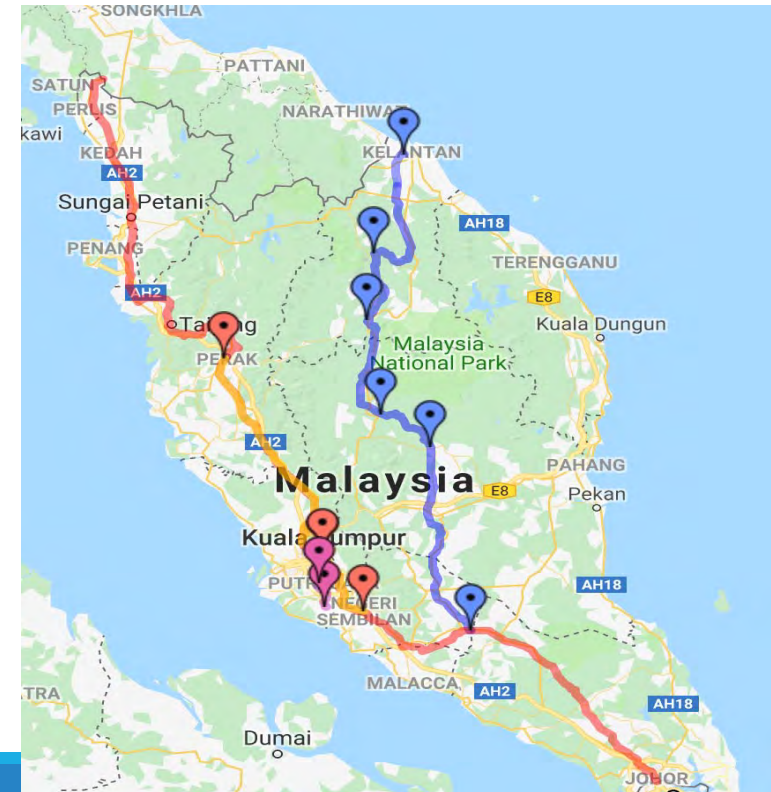


ETS is the green train. With electricity as a power source, it is clean and has a lower carbon footprint than most other types of motor vehicles that burn fossil fuels. ETS is also capable of generating electric power regeneration during braking, for use by other trains in the same power grid.

 <p>2010 KTMB introduced ETS service from Kuala Lumpur to Ipoh in 12 Aug 2010. ETS service has been extended up to Padang Besar in Jul 2015</p>	<p>OPERATIONAL Operate on the electrified double track from Gemas - Padang Besar</p> 	
<p>SPEED 140 km/h speed with 36 and 40 daily trips during weekdays and weekends respectively</p> 	<p>SERVICES 3 type of services: Platinum Gold Silver</p> 	<p>PASSENGER more than 10,900 passengers daily</p> 
<p>TYPES KTM Class 93 - CSR Zhuzhou KTM Class 91 - Hyundai Rotem</p> 	<p>CAPACITY 15 train sets with 6-car each. Capacity up to 346 / 312 seats per set</p> 	
<p>ROUTES Reduce travel time between Kuala Lumpur to Padang Besar from 12 hours to 5 hours and Kuala Lumpur to Gemas from 4 hours to 2 hours</p> 		

ETS ROUTES IN MALAYSIA

- ETS route is the most popular train route in Malaysia due to its connectivity to significant locations such as Kuala Lumpur, Perak and Penang.
- Passengers can travel in comfort with 3 different concession classes available ranging from Platinum to Silver. Platinum offers the shortest travel time with the least amount of stops while Silver will have stops at every station along the tracks.
- ETS route map covers popular sight-seeing and tourist destinations.



TRAVEL INFORMATION

FROM SUBANG JAYA - KL SENTRAL - SUBANG JAYA

Description	Services		
	Skypark Link	KTM Komuter	LRT
Cash (RM)	5.00	2.90	3.90
Cashless (RM)	4.50	2.60	3.40
Monthly Pass (RM)	162.00	-	100.00
Traveling time	17 minutes	30 minutes	33 minutes
No. of station	2	10	14



skypark link

NEW ROUTE. TRAVEL SMART.

Fares and New Schedule
Effective **7 February 2019**



#nojemlah Call Centre 03 2267 1200 KTM Berhad www.ktmb.com.my @ktmberhad



- The Skypark Link is a train service that connects you to the Skypark Terminal Subang Airport. For those who are using KL Sentral - Subang Jaya - Terminal Skypark Route, this service will be very convenient, time saving and affordable.
- Sets of 3 coaches with more than 30 trips per day at 60 minutes intervals. Maximum top speed is at 100 km/h

RapidKL Monorail & Light Rail Transit (LRT)

KL Monorail Line



Kelana Jaya Line



Sri Petaling Line



Ampang Line



- The KL Monorail Line is the only operational monorail system in Malaysia.
- This urban monorail line was opened on 31 August 2003, with 11 stations running 8.6 km (5 mi) on two parallel elevated tracks.
- The LRT Kelana Jaya Line is the first fully automated and driverless rail system in the Klang Valley area and forms a part of the Klang Valley Integrated Transit System.
- Servicing 37 stations, the line has 46.4 km of grade-separated tracks running mostly on underground and elevated guideways.
- The LRT Ampang Line and the LRT Sri Petaling Line are light rapid transit lines in Klang Valley, Malaysia.
- The combined network comprises 45.1 kilometres of track (28.0 miles) with 36 stations, and is the first to use the standard gauge track and semi-automated trains in Klang Valley.
- The Ampang and Sri Petaling Lines run on a common route between Sentul Timur station and Chan Sow Lin station, effectively making all the stations on this section to act as interchanges for both lines.
- From Chan Sow Lin station, the lines diverge and run separately, with the Ampang Line travelling to its terminus, Ampang station, whereas the Sri Petaling Line runs to Putra Heights station, where it meets the Kelana Jaya Line.

Mass Rapid Transit (MRT)

Sungai Buloh - Kajang (SBK Line)



- The first line of the Klang Valley MRT Project implemented is the 51km Sungai Buloh-Kajang (SBK) Line.
- The line begins from Sungai Buloh, located to the north-west of Kuala Lumpur, and runs through the city centre of Malaysia's capital city before ending in Kajang, a fast developing town to the south-east of the city.
- The line runs underground for a distance of 9.5km beneath the centre of Kuala Lumpur while the rest of the alignment is elevated. The line has 31 stations of which seven are underground.
- Phase One of the Sungai Buloh-Kajang Line from Sungai Buloh to Semantan began operations on 16 December 2016. The Phase Two, from Semantan Station to Kajang Station started its operations on 17 July 2017, allowing trains to run the entire alignment.
- Each train set serving the line have four cars, allowing a total capacity of 1,200 passengers. The daily ridership is estimated to be about 400,000 passengers. Trains will run at a frequency of 3.5 minutes.

Sungai Buloh-Serdang-Putrajaya (SSP Line)



- The SSP Line is the second line of the KVMRT Project to be developed. It will serve a corridor with a population of around 2 million people stretching from Sungai Buloh, through the centre of Kuala Lumpur and its southern suburbs, to Putrajaya, Malaysia's federal administrative centre.
- The alignment will have a length of 52.2km, consisting of 38.7km of elevated tracks and 13.5km running through underground tunnels. It will have 35 stations of which 24 are elevated and 11 underground.
- There will be 11 interchange stations, making it much easier for commuters to transfer from the SSP Line to existing and future rail lines, including the future Kuala Lumpur-Singapore High Speed Rail. Sixteen stations will have park and ride facilities.

Express Rail Link (ERL) & Aerotrain

Express Rail Link (ERL)



The Fastest Airport Transfer in Kuala Lumpur.

28 minutes KLIA ⇌ KL City

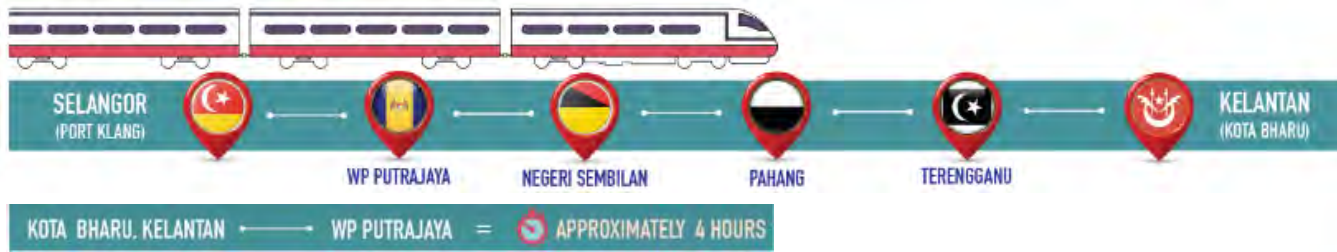
- One of Malaysia's two fastest rail lines is the 57 km (35 mi) standard gauge line between Kuala Lumpur and KLIA & KLIA2. Depending on whose definition used, this line may not be considered high speed line because the maximum speed used is 160 km/h (99 mph).
- The line was constructed by Express Rail Link Sdn Bhd, which also operates the two train services which use the line, namely the KLIA Ekspres and KLIA Transit.

Aerotrain



- The Aerotrain is an automated people mover (APM) system located within the Kuala Lumpur International Airport in Malaysia.
- Opened in 1998 along with the airport, the Aerotrain system consists of two stations, one in the Main Terminal Building and the other in Satellite Building A. The system is the only means of transport for passengers between the two terminals.

East Coast Rail Link (ECRL) Project



PROJECT COST INCLUDING PROVISIONAL SUM FOR **DOUBLE TRACKING**
RM 44 BILLION

LENGTH OF ALIGNMENT: **640 KM**
 SERVICE PROVIDED: **PASSENGER & FREIGHT**

STANDARD GAUGE
 RAIL TRACK

160KM/H (PASSENGER TRAIN)
80KM/H (FREIGHT TRAIN)

3 INTERCHANGE STATIONS
 MENTAKAB WITH KTMB
 BANGI WITH KTMB
 PUTRAJAYA WITH ERL/MRT

14 PASSENGER STATIONS **5 COMBINED PASSENGER & FREIGHT STATIONS** **1 FREIGHT STATION**

CONNECTING
 RURAL TO URBAN
 AREAS

ELECTRIFIED
 RAIL NETWORK

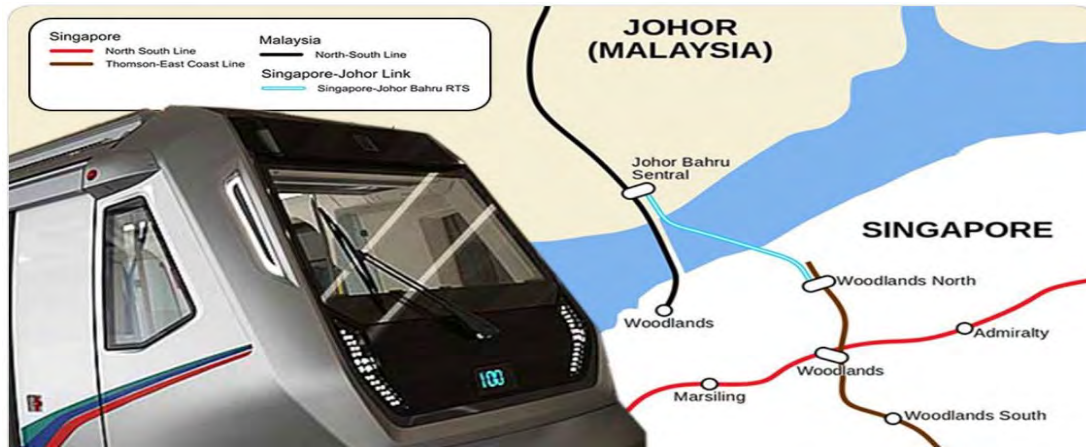
IMPROVING
 RURAL PUBLIC
 TRANSPORT

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Rapid Transit System Link

Johor Bahru - Singapore Rapid Transit System (RTS) Link



- The Johor Bahru-Singapore Rapid Transit System (RTS) Link is a planned cross-border rapid transit system that would connect Woodlands, Singapore and Johor Bahru, Johor, Malaysia, crossing the Straits of Johor.
- The rapid transit system will have two stations, with the Singapore terminus located at Woodlands North MRT/RTS station and the Malaysia terminus located at Bukit Chagar RTS station. Both stations will have co-located Singaporean and Malaysian customs, immigration and quarantine facilities
- On 21 May 2019, the Government of Malaysia and Government of Singapore agreed to suspend the proposed Johor Baru-Singapore Rapid Transit System (RTS) Link to allow Malaysia more time to study the scope, structure and costs of the project.
- In October, Malaysia has agreed to proceed with new terms and started the negotiation with Singapore.

High Speed Rail

Kuala Lumpur - Singapore High Speed Rail (HSR)



- The rail line was expected to cut travel time between Singapore and KL from the current four hours by car to 90 minutes. The line was to have eight stations: the Jurong East station in Singapore, and on the Malaysian side - Bandar Malaysia, Sepang-Putrajaya, Seremban, Melaka, Muar, Batu Pahat and Iskandar Puteri stations.
- The Government of Malaysia and Government of Singapore have agreed to defer the project for a duration up to 31 May 2020.
- Following this, the Government of Malaysia has been reviewing the KL-SG HSR Project with MyHSR Corporation Sdn Bhd (MyHSR Corp) in order to identify cost reduction options, such as reviewing and optimising the alignment, station locations, and business model.