



Keynote Remarks by

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Australian Embassy



Thailand's Twenty-Year Transport System Development Strategy 2018 - 2037

1

Urban Mass Transit Development Plan

Urban Mass Transit Development Plan

14 Lines: 554 km.



In Services: 9 Lines

170 km.

Green	Mo Chit-Samut Prakarn	37.10
Green	Mo Chit-Khu Khot	18.70
Dark Green	National Stadium-Bang Wa	14.00
Blue	Bang Sue-Hua Lam Phong	20.00
Blue	Hua Lam Phong-Bang Khae	14.00
Blue	Bang Sue-Tha Phra	13.00
ARL	Phaya Thai-Suvarnabhumi	28.70
Purple	Bang Yai-Tao Poon	23.00
Gold	Krung Thon Buri-Klong San	1.88

Under Construction 6 Lines

156 km.

Dark Red	Bang Sue-Rangsit	26.30	Service launch in Nov 2021
Light Red	Bang Sue-Taling Chan	15.26	Service launch in Nov 2021
Pink	Khare Rai-Min Buri/Si Rat-Mueang Thong Thani	37.50	Service launch in Sep 2022
Yellow	Lat Phrao-Samrong/Ratchada Lat Phrao JCT. -Ratchayothin JCT.	33.00	Service launch in Jun 2021
Orange	Thailand Cultural Centre – Min Buri	22.50	Service launch in Oct 2024
ARL	Phaya Thai-Don Mueang (EEC 3 Airport line)	21.80	Service launch in 2024

Expedited Phase 4 Lines

93 km.

Purple	Tao Poon-Rat Burana	23.60	Service launch in Dec 2027
Light Red	Bang Sue-Hua Mark/Taling Chan-Salaya/Taling Chan-Siriraj	40.64	PPP studying
Dark Red	Bang Sue-Hua Lam Phong/Rangsit-Thammasart Uni.	14.60	PPP studying
Orange	Bang Khun Non-Thailand Cultural Centre	13.40	Service launch in Sep 2027

Next Phase 8 Lines

134 km.

Green	Khu Khot-Lam Luk Ka	6.50	To be discussed b/w MOT & BKK
Green	Samut Prakarn-Bang Pu	9.50	To be discussed b/w MOT & BKK
Dark Red	Hua Lam Phong-Wong Wian Yai-Maha Chai	38.00	Budget Requested for design revision
Brown	Khare Rai-Lam Sali	22.10	Design to be revised
Light Blue	Din Daeng-Sathorn	9.50	
Blue	Bang Khae-Phutthamonthon 4	8.00	Project delayed
Gold	Klong San-Phrachathipok	0.92	Budget Requested for PPP Study
Gray	Vacharaphol-Tha Phra	39.91	EIA report updating

Source: Department of Rail Transport, December 2020

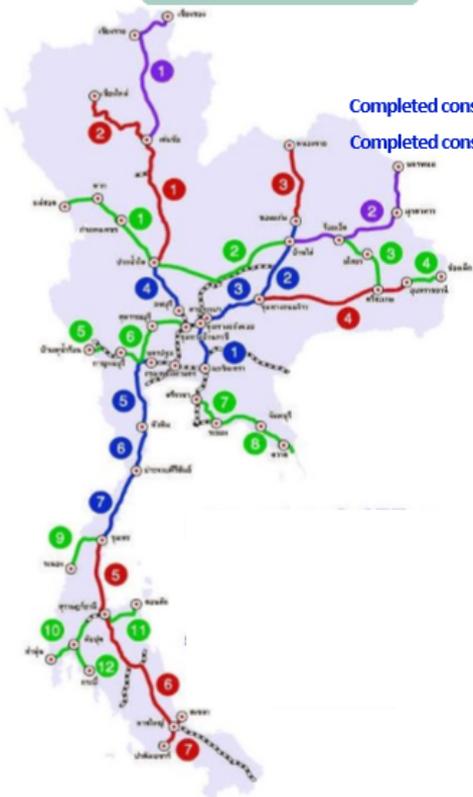


2

Double Track Development Plan

Double Track Development Plan

As Backbone



Immediate Phase (2017 – 2021)

7 sections: 993 km

Completed construction

Completed construction

- 1 Chachoengsao-Khlong19-Kaeng Khoi APPROVED
- 2 Jira Junction-Khon Kean APPROVED
- 3 Mab Kabao-Jira Junction
- 4 Lopburi-Pak Nam Pho
- 5 Nakhon Pathom-Hua Hin
- 6 Nakhon Pathom-Hua Hin
- 7 Prachuap Kiri Khan-Chumphon

Expected to operate in 2023

New Line (2017 – 2021)

2 sections: 681 km

- 1 Den Chai-Chiang Rai-Chiang Khong
 - 2 Ban Pai-Mukdahan-Nakhon Phanom
- In the process of Bidding

New lines, next phase

- 1 Mae Sot-Tak-Kamphaeng Phet-Nakhon Sawan
- 2 Nakhon Sawan-Ban Pai
- 3 Si Sa Ket-Yasathon-Roi Et
- 4 Ubon Ratchathani-Chong Mek
- 5 Kanchanaburi-Ban Phunamron
- 6 Kanchanaburi-Suphan Buri-Ban Phachi Junction
- 7 Sriracha-Rayong
- 8 Map Ta Phut-Rayong-Chanthaburi-Trat
- 9 Chumphon-Ranong
- 10 Sarat Thani-Phangnga-Tha Nun
- 11 Sarat Thani-Don Sak
- 12 Thap Put-Krabi

Medium Phase (2022 - 2026)

7 sections: 1,483 km

- 1 Pa Pak Nam Pho-Den Chai
- 2 Den Chai-Chiang Mai
- 3 Khon Kean-Nong Kai
- 4 Jira Junction-Ubon Ratchathani
- 5 Chumphon-Surat Thani
- 6 Surat Thani-Hat Yai-Song Kha
- 7 Hat Yai-Padang Besar

Status as Dec 2020

Under Construction

Propose to Cabinet

APPROVED

Approved by Cabinet



3

ACMECS Master Plan

2019 - 2023

ACMECS Master Plan 2019 - 2023

1

Seamless Connectivity

Hardware Infrastructure

- Multi-modal transport (missing links)
- Digital Infrastructure
- Energy Infrastructure and Connectivity

Coordinating Committee on Infrastructure Connectivity

2

Synchronized ACMECS

Software Connectivity

- Trade, Investment, and Industry
- Financial Cooperation

Coordinating Committee on Facilitation Software Connectivity

3

Smart and Sustainable ACMECS

- Human Resource Development and Application of Modern Technology
- Environmental Cooperation
- Sustainable Agriculture
- Tourism
- Health

Coordinating Committee on Human Resource Development and Sustainable Development



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Motorway and Railway Master plan 'MR-Map'

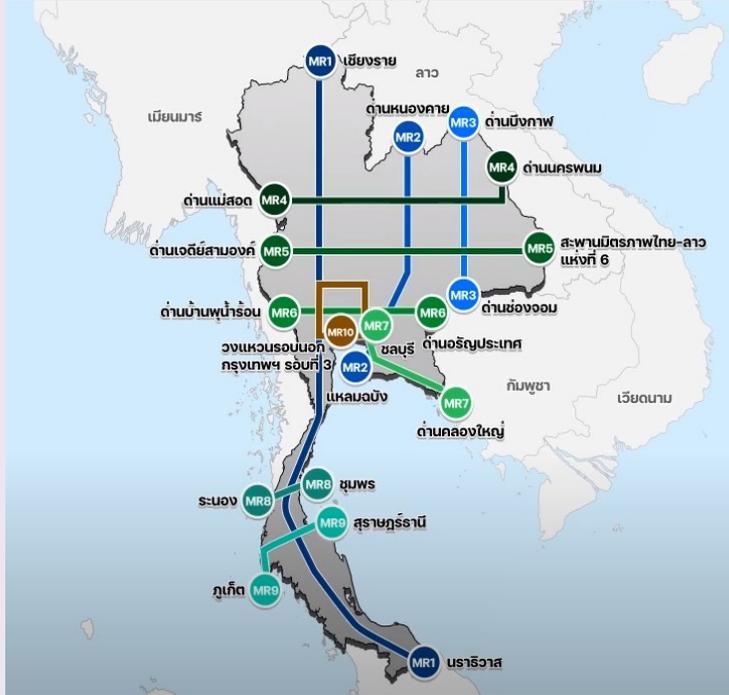
Motorway and Railway Master plan 'MR-Map'

North – South Corridor Routes 2,620 km.

- MR1 Chiang Rai – Songkla 1,660 km.
- MR2 Nong Khai – Laem Chabang 490 km.
- MR3 Bueng Kan – Surin 470 km.

East – West Corridor Routes 2,380 km.

- MR4 Tak – Nakhon Phanom 710 km.
- MR5 Kanchanaburi – Ubon Ratchathani 830 km.
- MR6 Kanchanaburi – Sa Kaeo 310 km.
- MR7 Kanchanaburi – Trat 220 km.
- MR8 Chumphon – Ranong 120 km.
- MR9 Phuket – Surat Thani 190 km.



MR10 The 3rd Bangkok Outer Ring Road 283 km.

The agenda involves integral system of motor ways and double track meter gauge railway.

Objectives

- Establishing conclusive logistics network for ASEAN community
- Connecting local manufacturers to international markets
- Improving urban planning that enable international trade accessibility
- Providing safer and more efficient transport network.



Motorway and Railway Master plan 'MR-Map'



5

Land Bridge Project

Land Bridge Project



The development of Portal infrastructure connecting Andaman shoreline to the gulf of Thailand enabling Thailand to be the shortcut route for inter-ocean transport between the Pacific Ocean to the Indian Ocean, enhancing Thailand geographical advantages in driving economic growth as a shortcut route from India and pacific ocean, allowing economic growth benefit

Expected PPP investment value of **100,000 Million Baht**



Benefits of Land Bridge Project

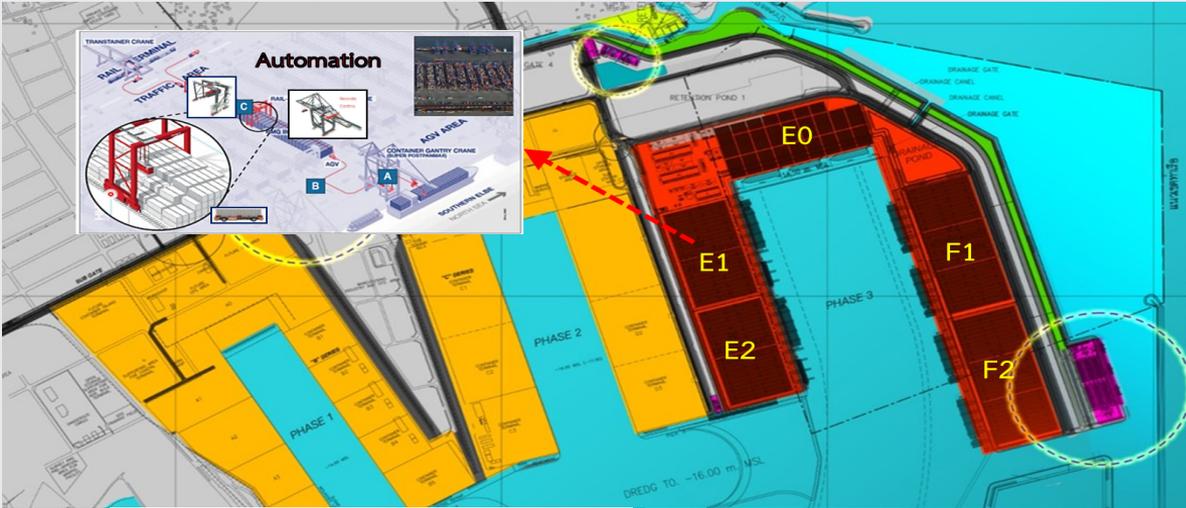


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Laem Chabang Port Project

Phase 3

Laem Chabang Port Project Phase 3



Investment : 114,046 million baht
Status : Under the process of signing agreement.

Development of Laem Chabang port in the 3rd phase will;

- Increase the capacity of transporting containers **from 11.1 million TEU to 18 million TEU per year.**
- Upscale the capacity of automobiles import/export **from 2 millions to 3 millions cars per year**
- Escalate the transshipment volume to rail freight transport via Laem Chabang port **from 7% to 30%**



7

EEC: High Speed Rail
Connecting 3 Airports
(DMK-SUV-UTP)

EEC: High Speed Rail Connecting 3 Airports (DMK-SUV-UTP)

Project Information

Distance **220 km** Maximum Speed **250 km/h**

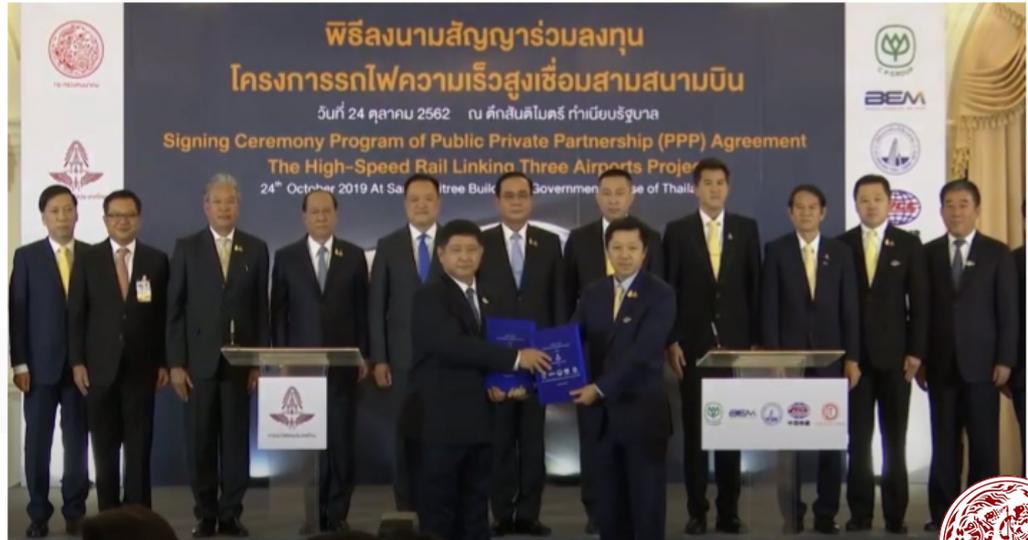
Investment **220,435 Million Baht**

Expected to open in **2024**

Status SRT has signed contact with the joint venture group of Charoen Pokphand Holding Company Limited and alliances on 24 October 2019.



Boost economy in EEC area , Attract investors
Enhancing faster, safer and more reliable way to commute
between Thailand's designated airports and EEC area



8

EEC: Aviation Industrial Hub

EEC: Aviation Industrial Hub

U-Tapao Airport and EEC Aviation Industrial Hub

1. Global Gateway to EEC and introducing to the World as Thailand 's third Bangkok Airport
2. Aviation Hub facilitating 60 million passengers per year
3. Airport City : Business center, connecting transports with HSR and local trains, Free Trade Zone, Logistics Hub and Aviation Training Center
4. PPP (airport management and commercial areas) for the period of 50 years
5. Investment worth 290,000 Million Baht
6. Economic return value of 189,000 Million Baht (IRR =30.1%)





Thank you