



TRANSPORT INFRASTRUCTURE INVESTMENT ACTION PLAN 2017

TOWARDS SUSTAINABLE TRANSPORT

MINISTRY OF TRANSPORT
13 DECEMBER 2016

Transport Infrastructure Investment Action Plan (Priority Project) Year 2017 : 36 Projects



Double Track Rail Network 10 Projects / 11,674.75 US M. (45.62%)

1. Huahin- Prachuap Khiri Khan	292.56 US M.*
2. Chumporn –Surat Thani	668.14 US M.
3. Surat Thani-Songkha	1,480.67 US M.
4. Hat Yai-Padang Beza	226.91 US M.
5. Paknampho- DenChai	1,601.89 US M.
6. DenChai-Chiang Mai	1,712.12 US M.
7. DenChai-Chiang Rai-ChiangKhong	2,199.39 US M.
8. Khonkaen-Nong Khai	744.74 US M.
9. Jira – Ubonratchathani	1,023.99 US M.
10. Ban Pai – Nakorn Phanom	1,7214.34 US M.



Commuter Train 2 Projects / 4,777.79 US M. (2.97%)

1. Dark Red : Rangsit-TU Rangsit	217.06 US M.
2. Light Red Extension : Taling Chan-Siriraj and Taling Chan-Saraya	544.06 US M.



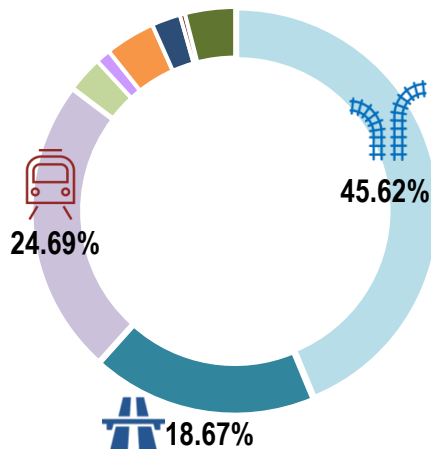
Mass Transit Dev. 6 Projects / 6,318.52 US M. (24.69%)

1. Blue Line : Bang kae- Sai 4	605.63 US M.
2. Orange Line : West Side	3,524.40 US M.
3. Dark Green : Samutprakarn - Bang Pu	347.03 US M.
4. Dark Green : Kukot – Lumluca	280.09 US M.
5. Airport Rail Link Extension (ARL)	889.98 US M.
6. Mass Transit in Phuket	671.40 US M.



Motorway & Expressway 5 Projects / 4,777.79 US M. (18.67%)

1. Nakorn Phatom – Cha Am	2,302.86 US M.
2. Hat Yat-TH-Malaysia Border	871.43 US M.
3. Rama 3 – Dao Kanong-Outer Ring (West)	892.69 US M.
4. Northern Route N2 and E-W Corridor	410.91 US M.
5. Exp. Kratu – Patong	299.90 US M.



Transport Action Plan (Priority Project) Year 2017 : 36 Projects 25,593.07 US Mill.Dollar

Remark (*) Project which Cabinet has approved



Road Facilitation 5 Projects / 613.52 US M. (2.40%)

1. Truck Rest Area on the main routes	15.71 US M.
2. Intermodal Facility – Chiang Khong	67.59 US M.
3. Cross-border Logistics Center Nakorn Phanom	30.10 US M.
4. Regional Logistics Center (9 border provinces)	230.45 US M.
5. Regional Logistics Center (8 regional cities)	269.66 US M.



Public Bus Procurement 1 Project / 64.92 US M. (0.25%)

1. Public Bus Procurement and Stations	64.92 US M.
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Common Ticket System 1 Project / 38.72 US M. (0.15%)

1. Common ticket system	38.72 US M.
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Maritime Transport Dev. 3 Projects / 1,030.89 US M. (4.03%)

1. Ferry Service across Gulf of Thailand	- US M.
2. Dev. of Ferry Terminal	28.05 US M.
3. Lam Cha Bang Phase 3	1,002.84 US M.



Air Transport Dev. 3 Projects / 312.83 US M. (1.22%)

1. Regional airport development	219.59 US M.
2. Baggage System Upgrade at BKK Airport	93.25 US M.
3. MRO Dev. at U-Tapao Airport	- US M.

Project Target for Transport Infrastructure Investment Action Plan (Priority Projects) Year 2016 and 2017

Continued Projects from AP Year 2016 : 7 Projects / 24,978.15 US Mill.Dollar

1. Construction Stage

4 Projects / 11,503.37 US M.

1. Nakhon Pathom – Hua Hin. (Approved on Nov 1, 2016)
2. Lopburi - Paknampho. (Approved on Nov 1, 2016)
3. MRT Southern Purple Line (Civil Work)
4. TH-CH : Bangkok-Kaeng Koi and Kaeng Koi-Korat Route (First Phase Dev.)

2. Procurement Stage

2 Projects / 7,062.89 US M.

1. Bangkok-Hua Hin Route (PPP Project)
2. Bangkok-Rayong Route (PPP Project)

3. Cabinet or PPP Committee Approval

1 Projects / 6,411.89 US M.

1. TH-JP (Bangkok-Chiang Mai Route)

Transport Action Plan (Priority Project) Year 2017 : 36 Projects / 25,593.07 US Mill.Dollar

1. In Service

2 Projects / 38.72 US M.

1. Ferry Service across Gulf of Thailand
2. Common ticket system

2. Construction Stage

5 Projects / 1,565.67 US M.

1. Intermodal Facility – Chiang Khong
2. Regional airport development
3. Rama 3 – Dao Kanong-Outer Ring (West)
4. **DT Huahin- Prachuap Khiri Khan (Approved on Nov 1, 2016)**
5. Baggage System Upgrade at BKK Airport

3. Procurement Stage

15 Projects / 13,387.56 US M.

1. Public Bus Procurement and Stations
2. Blue Line : Bang kae- Sai 4
3. Dark Green : Samutprakarn - Bang Pu
4. Dark Green : Kukot – Lumluka
5. Orange Line : West Side
6. Airport Rail Link Extension (ARL)
7. Dark Red : Rangsit-TU Rangsit
8. Double Track (DT) Paknampho- DenChai
9. DT Jira – Ubonratchathan
10. DT Khonkaen-Nong Khai
11. DT Chumporn –Surat Thani
12. DT Surat Thani-Songkha
13. DT Hat Yai-Padang Beza
14. DT DenChai-Chiang Mai.
15. MRO Dev. at U-Tapao Airport

4. Cabinet or PPP Committee Approval

8 Projects / 8,514.42 US M.

1. DT DenChai-Chiang Rai-ChiangKhong
2. DT Ban Pai – Nakorn Phanom
3. Light Red Extension : Taling Chan-Siriraj and Taling Chan-Saraya
4. Lam Cha Bang Phase 3
5. Exp. Northern Route N2 and E-W Corridor
6. Exp. Kratu – Patong
7. Motorway Nakorn Phatom – Cha Am
8. Cross-border Logistics Center Nakorn Phanom

5. Proposal Development

4 Projects / 1,399.59 US M.

1. Development of Ferry Terminal
2. Motorway Hat Yat-TH-Malaysia Border
3. Regional Logistics Center (9 border provinces)
4. Regional Logistics Center (8 regional cities)

6. Policy driven projects

2 Projects / 687.11 US M.

1. Truck Rest Area on the main routes
2. Mass Transit in Phuket

Transport Infrastructure Investment Action Plan (Priority Projects) Year 2016 and 2017

56 Projects with Total Investment of 65,628.60 US million dollar

Action Plan (AP) Year 2016
13 Projects (All Approved) with
Total Investment of 15,020.99 US Mill.Dollar

Continued Projects from AP Year 2016
7 Projects with Total Investment of
24,978.15 US Mill.Dollar
 (No. of Approved Projects = 2 Projects)

Action Plan Year 2017
36 Projects with Total Investment of
25,629.46 US Mill.Dollar
 (No. of Approved Projects = 1 Project)



Double Track Rail Network
15 Projects
14,958.16 US M.
 (22.82%)



Commuter Train
3 Projects
2,022.77 US M.
 (3.08%)



Mass Transit Dev.
10 Projects
16,249.66 US M. (24.77%)



High Speed Train
4 Projects
20,035.18 US M.
 (30.55%)



Common Ticket System
1 Projects
38.72 US M.
 (0.06%)



Motorway & Expressway
8 Projects
8,717.03 US M.
 (13.29%)



Road Facilitation
5 Projects
613.52 US M.
 (0.94%)



Maritime Transport Dev.
5 Projects
1,131.63 US M.
 (1.73%)



Air Transport Dev.
4 Projects
1,750.61 US M.
 (2.67%)



Public Bus Procurement
1 Project
64.92 US M.
 (0.10%)

Progress of Transport Infrastructure Investment Action Plan (Priority Project) Year 2016

20 Projects / Total Investment of 39,999.14 US million dollar

(Readjustment from the Cabinet Resolution on 1 Dec. 2015 : 51,325.31 US million dollar)

Group 1

Group 2

**Projects which the cabinet has already approved :
13 Projects with the investment of 15,020.99 US million dollar (37.55%)**

**Continued Projects from AP Year 2016: 7 Projects with
the investment of 24,978.15 US million dollar (62.45%)**

1. Double Track Project :
Jira – Khon Kaen
680.07 US M.

3. Suvarnabhumi Airport Development Phase 2 / 1,437.78 US M.
(PM Order on 26 May 2015)

Motorway Development : 3 Projects

4. Pattaya - Map Ta Put 509.13 US M.

5. Bang Pa-In – Saraburi - Nakhon Ratchasima 2,089.51 US M.

6. Bang Yai – Ban Pong – Kanchanaburi 1,340.60 US M.

12. Light Red Line (Bang Sue – Phaya Thai) and Dark Red line (Bang Sue – Hua Lamphong) 1,261.65 US M.

Double Track Project

13. Mabkabao – Jira 841.38 US M.

7 May
2016

26 May
2015

23 Jun.
2015

14 Jul.
2015

22
Sept.
2015

29 Mar.
2016

19 Apr.
2016

26 Apr.
2016

26 Jul.
2016

27
Sept.
2016

Under FS and/or negotiation/or
Cabinet Approval Process

2. Coastal docking port Enhancement
(Port A) at LCP Project 48.72 US M.

7. Single Rail Transfer Operator (SRTO)
Phase 1 / 52.02 US M.

8. Pink Line (Khae Rai - Min Buri) (PPP) 1,528.16 US M.

9. Yellow Line (Lat Phrao-Samrong) (PPP) 1,480.19 US M.

10. Orange Line (Thailand Cultural Centre –
Min Buri) (Civil Work) 3,259.93 US M.

11. Double Track Project :
Prachuap Khiri Khan –
Chumphon 492.85 US M.

Double Track Project

1. Nakhon Pathom – Hua Hin 572.75 US M. (Approved on Nov 1, 2016)

2. Lopburi - Paknampho. 706.35 US M. (Approved on Nov 1, 2016)

Mass Transit Development

3. Southern Purple Line (Civil Work)

High Speed Train

4. Bangkok-Hua Hin Route

5. Bangkok-Rayong Route (PPP Project)

6. TH-CH : Bangkok-Kaeng Koi and Kaeng Koi-Korat Route
(First Phase Dev.)

7. TH-JP (Bangkok-Chiang Mai Route)

Continued Projects from AP Year 2016 and Transport Action Plan (Priority Project) Year 2017 : 43 Projects

Double Track Rail Network 12 Projects / 12,953.86 US M. (25.62%)

1. Nakhon Pathom – Hua Hin	572.75 US M.*/**
2. Lopburi - Paknampho.	706.35 US M.**/**
3. Huahin- Prachuap Khiri Khan	292.56 US M.**
4. Chumporn –Surat Thani	668.14 US M.
5. Surat Thani-Songkha	1,480.67 US M.
6. Hat Yai-Padang Beza	226.91 US M.
7. Paknampho- DenChai	1,601.89 US M.
8. DenChai-Chiang Mai	1,712.12 US M.
9. DenChai-Chiang Rai-ChiangKhong	2,199.39 US M.
10. Khonkaen-Nong Khai	744.74 US M.
11. Jira – Ubonratchathani	1,023.99 US M.
12. Ban Pai – Nakorn Phanom	1,7214.34 US M.

Commuter Train 2 Projects / 4,777.79 US M. (1.51%)

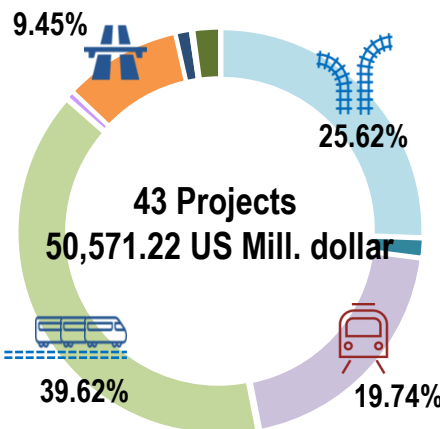
1. Dark Red : Rangsit-TU Rangsit	217.06 US M.
2. Light Red Extension : Taling Chan-Siriraj and Taling Chan-Saraya	544.06 US M.

Mass Transit Dev. 7 Projects / 9,982.38 US M. (19.74%)

1. MRT Southern Purple Line (Civil Work)	3,663.86 US M.*
2. Blue Line : Bang kae- Sai 4	605.63 US M.
3. Orange Line : West Side	3,524.40 US M.
4. Dark Green : Samutprakarn - Bang Pu	347.03 US M.
5. Dark Green : Kukot – Lumluka	280.09 US M.
6. Airport Rail Link Extension (ARL)	889.98 US M.
7. Mass Transit in Phuket	671.40 US M.

High Speed Train 4 Projects / 20,035.18 US M. (39.62%)

1. Bangkok-Hua Hin Route (PPP)	2,704.95 US M.*
2. Bangkok-Rayong Route (PPP)	4,357.94 US M.*
3. TH-CH : Bangkok-Kaeng Koi and	6,560.41 US M.*
4. Kaeng Koi-Korat Route (First Phase Dev.)	
5. TH-JP (Bangkok-Chiang Mai Route)	6,411.89 US M.*



Continued Projects from AP Year 2016*

7 Projects
24,978.15 US Mill.Dollar

Transport Action Plan (Priority Project)
Year 2017 : 36 Projects
25,593.07 US Mill.Dollar

Remark (***) Project which Cabinet has approved



Motorway & Expressway 5 Projects / 4,777.79 US M. (9.45%)

1. Nakorn Phatom – Cha Am	2,302.86 US M.
2. Hat Yat-TH-Malaysia Border	871.43 US M.
3. Rama 3 – Dao Kanong-Outer Ring (West)	892.69 US M.
4. Northern Route N2 and E-W Corridor	410.91 US M.
5. Exp. Kratu – Patong	299.90 US M.



Road Facilitation 5 Projects / 613.52 US M. (1.21%)

1. Truck Rest Area on the main routes	15.71 US M.
2. Intermodal Facility – Chiang Khong	67.59 US M.
3. Cross-border Logistics Center Nakorn Phanom	30.10 US M.
4. Regional Logistics Center (9 border provinces)	230.45 US M.
5. Regional Logistics Center (8 regional cities)	269.66 US M.



Public Bus Procurement 1 Project / 64.92 US M. (0.13%)

1. Public Bus Procurement and Stations	64.92 US M.
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Common Ticket System 1 Project / 38.72 US M. (0.08%)

1. Common ticket system	38.72 US M.
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Maritime Transport Dev. 3 Projects / 1,030.89 US M. (2.04%)

1. Ferry Service across Gulf of Thailand	- US M.
2. Dev. of Ferry Terminal	28.05 US M.
3. Lam Cha Bang Phase 3	1,002.84 US M.



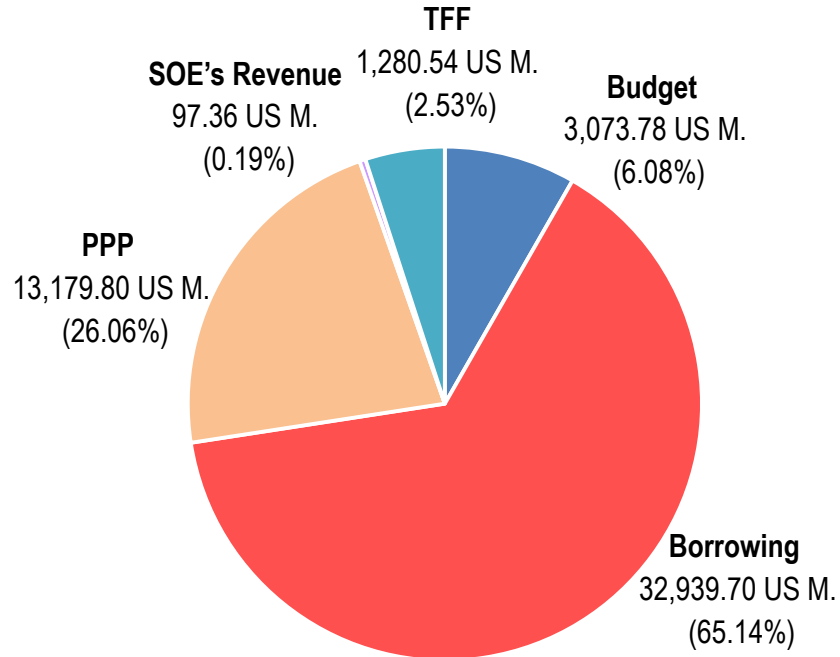
Air Transport Dev. 3 Projects / 312.83 US M. (0.62%)

1. Regional airport development	219.59 US M.
2. Baggage System Upgrade at BKK Airport	93.25 US M.
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Source of Financing

- **Source of Financing for 43 Projects**

- 7 Projects from AP Year 2016
- 36 Projects from AP Year 2017



- **Disbursement Plan for Fiscal Year 2017 of Priority Projects = 4,278.64 US M.**

1. **Action Plan Year 2016**
13 Projects / 2,098.38 US M.
2. **Continued Projects from AP Year 2016**
7 Projects / 1,953.30 US M.
3. **Action Plan Year 2017**
36 Projects / 226.96 US M.