

# KINGDOM OF THAILAND BOND MARKET FINANCING THAILAND'S FUTURE & CONNECTING ASEAN



Jan – Mar 2017



## *Progress Update*

- » Committing to FY2017 Fund Raising Plan
- » GOVT Bond Auction Results
- » T-Bill Plan Q2/FY2017
- » GOVT Bond Auction Schedule Q2/FY2017
- » SOE Bond Auction Schedule Q2/FY2017
- » PDMO Bond Calendar FY2017

## *Basic & Essentials*

- » Bond Market Development Strategy
- » Public Debt Outstanding and Its Composition
- » Total Domestic Public Debt
- » Bond Market Capitalization and Its Composition
- » Supporting Inclusive Growth Through ASEAN Bond Market Integration
- » Non-Resident Holding in Domestic Bond

**PUBLIC DEBT MANAGEMENT OFFICE**

**MINISTRY OF FINANCE  
KINGDOM OF THAILAND**

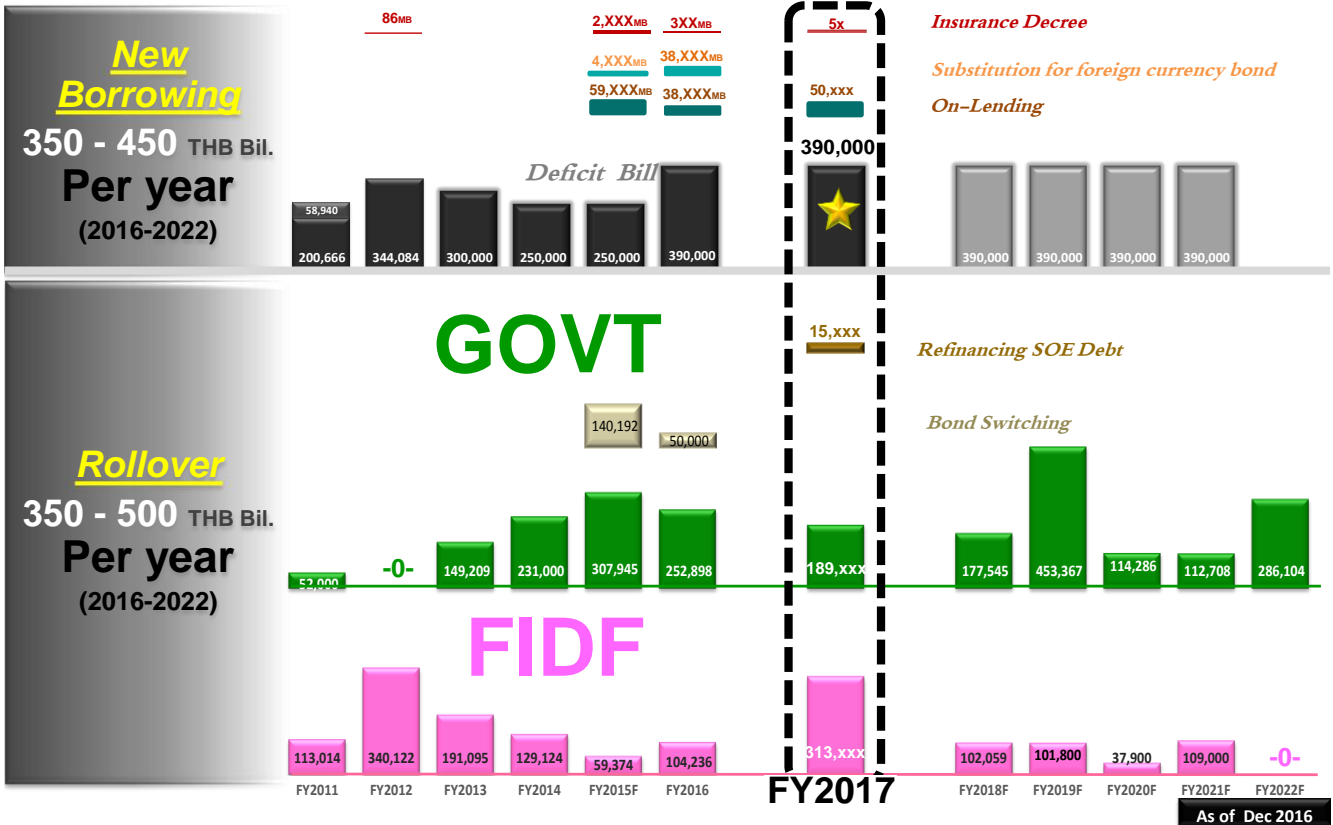


# Quick Facts

Public Debt Outstanding ( <i>as of November 2016</i> )	<b>5,944,237</b> THB Mil. ( <b>42.39</b> % of GDP)	<b>14</b>
Well-Developed Bond Market Improved GOVT <u>Direct</u> Debt Profile Dramatically ( <i>as of November 2016</i> )		<b>15</b>
» Average-Time-to-Maturity (ATM)	12yrs 4mth	
» Average Cost	3.78%	
» Well-Balanced Fixed : Floating Ratio	90 : 10	
» Well-Distributed Maturity Profile	34:22:44 (TTM<5 : 6-10 : >10yrs)	
Bond Market Capitalization ( <i>as of December 2016</i> )	<b>10,948,651</b> THB Mil. ( <b>75%</b> of GDP)	<b>16</b>
	<ul style="list-style-type: none"> <li>▪ GOVT Bond 37% of total Bond Market outstanding</li> <li>▪ BOT Bond 29%</li> <li>▪ SOEs Bond 7%</li> <li>▪ Corp Bond 26%</li> <li>▪ Baht Bond 1%</li> </ul>	
Baht Bond Outstanding and its Market Share ( <i>as of December 2016</i> )	<b>79,845</b> THB Mil. ( <b>1%</b> of Bond Outstanding)	<b>19</b>
Non-Resident Holding in Domestic Bond ( <i>as of December 2016</i> )		<b>22</b>
» Annual Capital Flow (YTD)	<b>61,511</b> THB Mil.	
▪ GOVT Bond :	15,548 THB Mil.	
▪ BOT Bond :	45,963 THB Mil.	
» NR Holding in THB Bond	<b>634,275</b> THB Mil. ( <b>5.8%</b> of Thai Bond Market Cap.)	
▪ GOVT Bond :	570,080 THB Mil. ( <b>14.0%</b> of GOVT Bond Outstanding)	
▪ BOT Bond :	63,434 THB Mil. ( <b>2%</b> of BOT Bond Outstanding)	
▪ Others :	761 THB Mil.	

# Progress Update

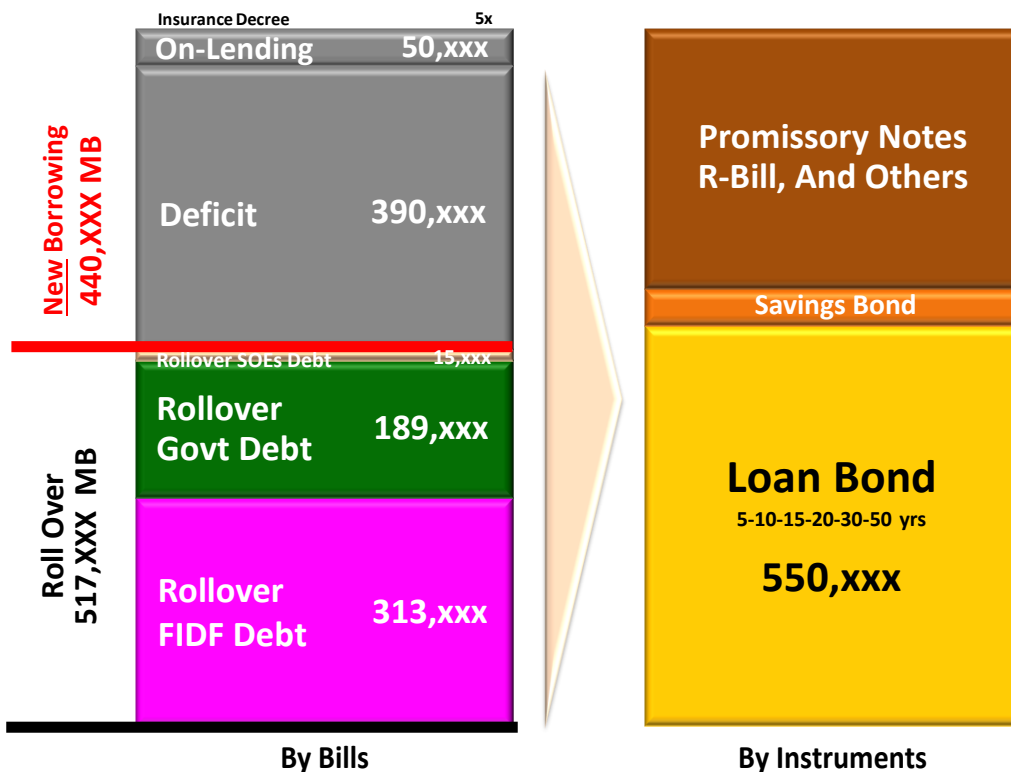
- Total Fund Raising Plan FY2017
- GOVT Bond Auction Results
- T-Bills Plan Q2/FY2017
  - GOVT Bond Auction Schedule Q2 /FY2017
  - SOE Bond Auction Schedule Q2/FY2017
  - PDMO Bond Calendar FY2017



FY 2017

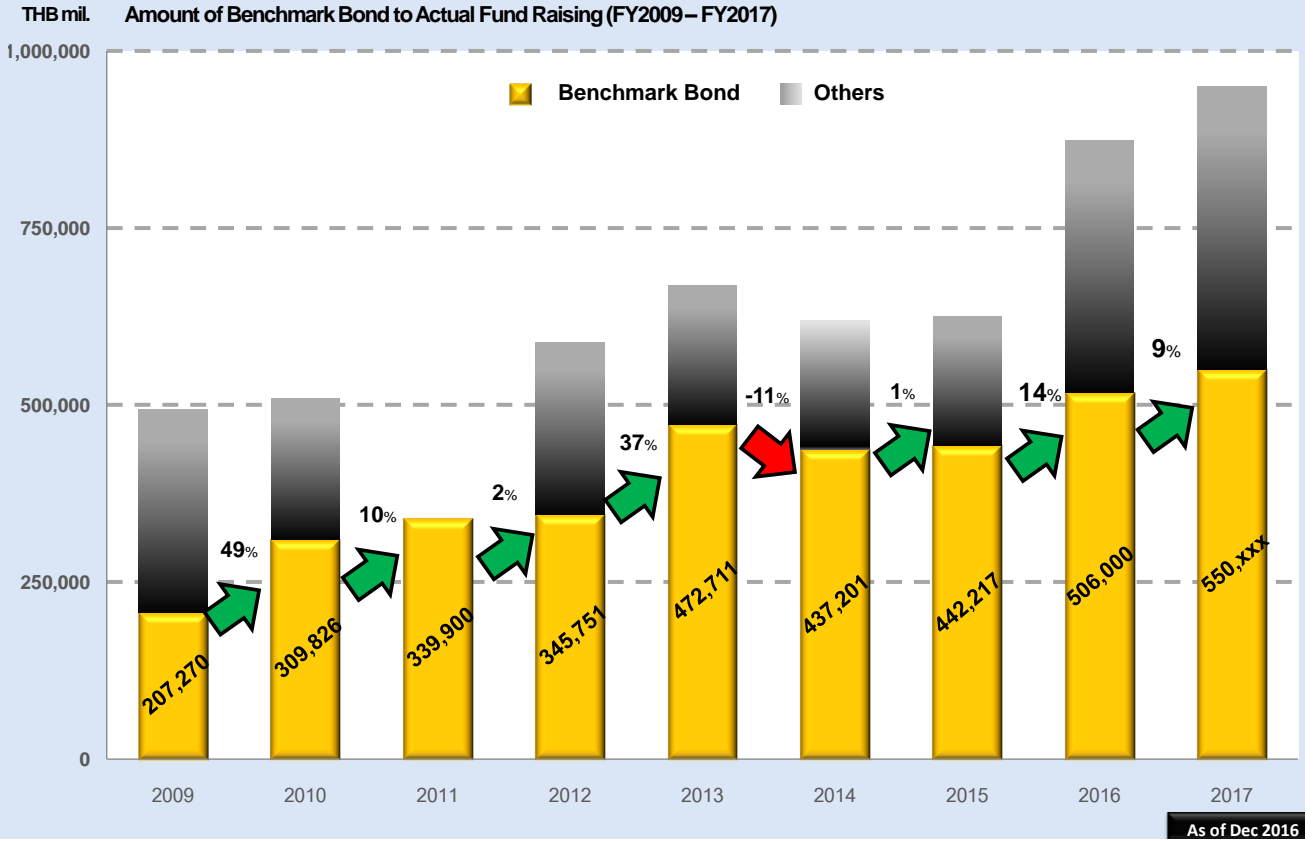
GOVT Fund Raising Plan

957,xxx MB



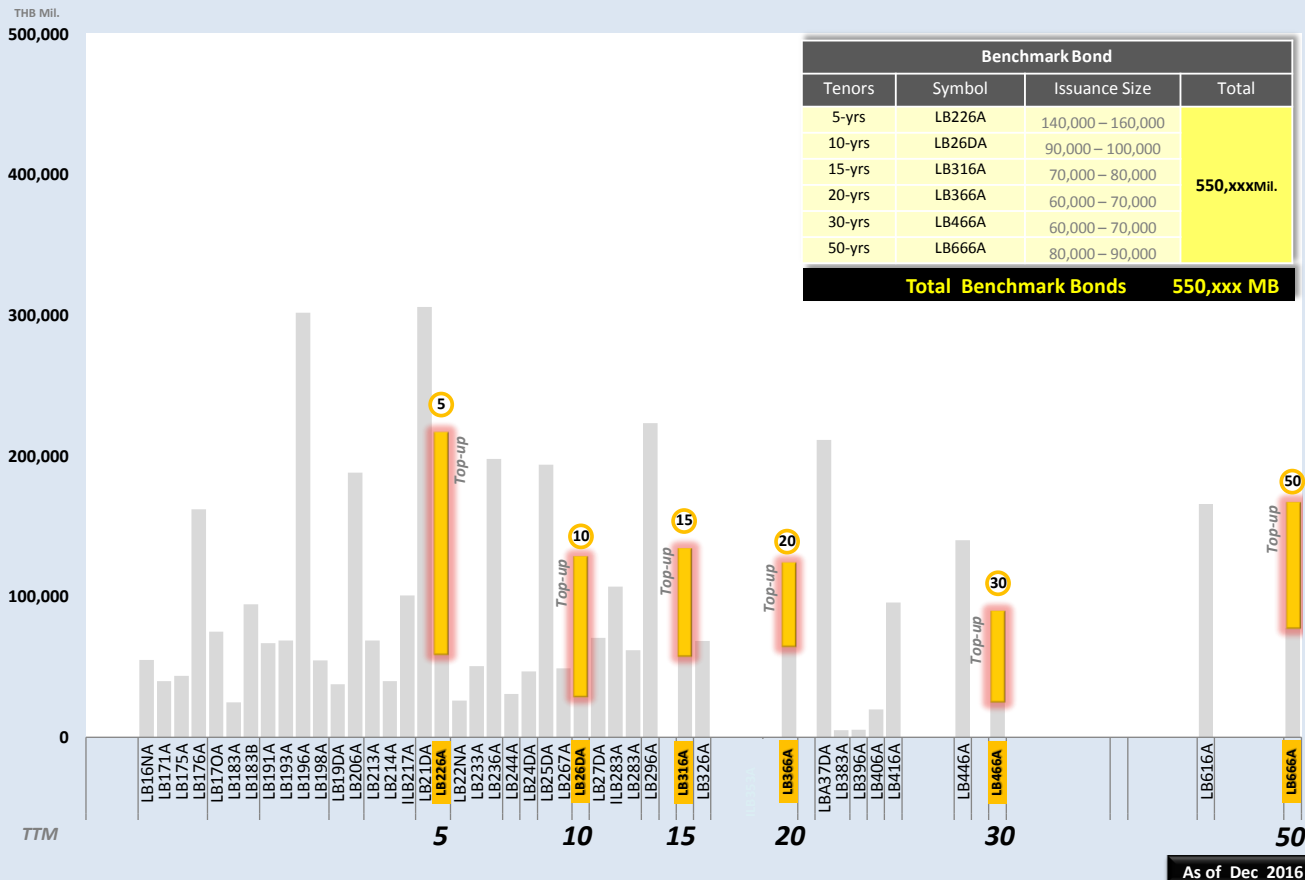
Remark : 1. Exclude external funding for both new borrowing and rollover debt with amount of 71,xxx  
2. Exclude T-Bill rollover debt

# Government Bond Supply Keep Increasing Since 2009



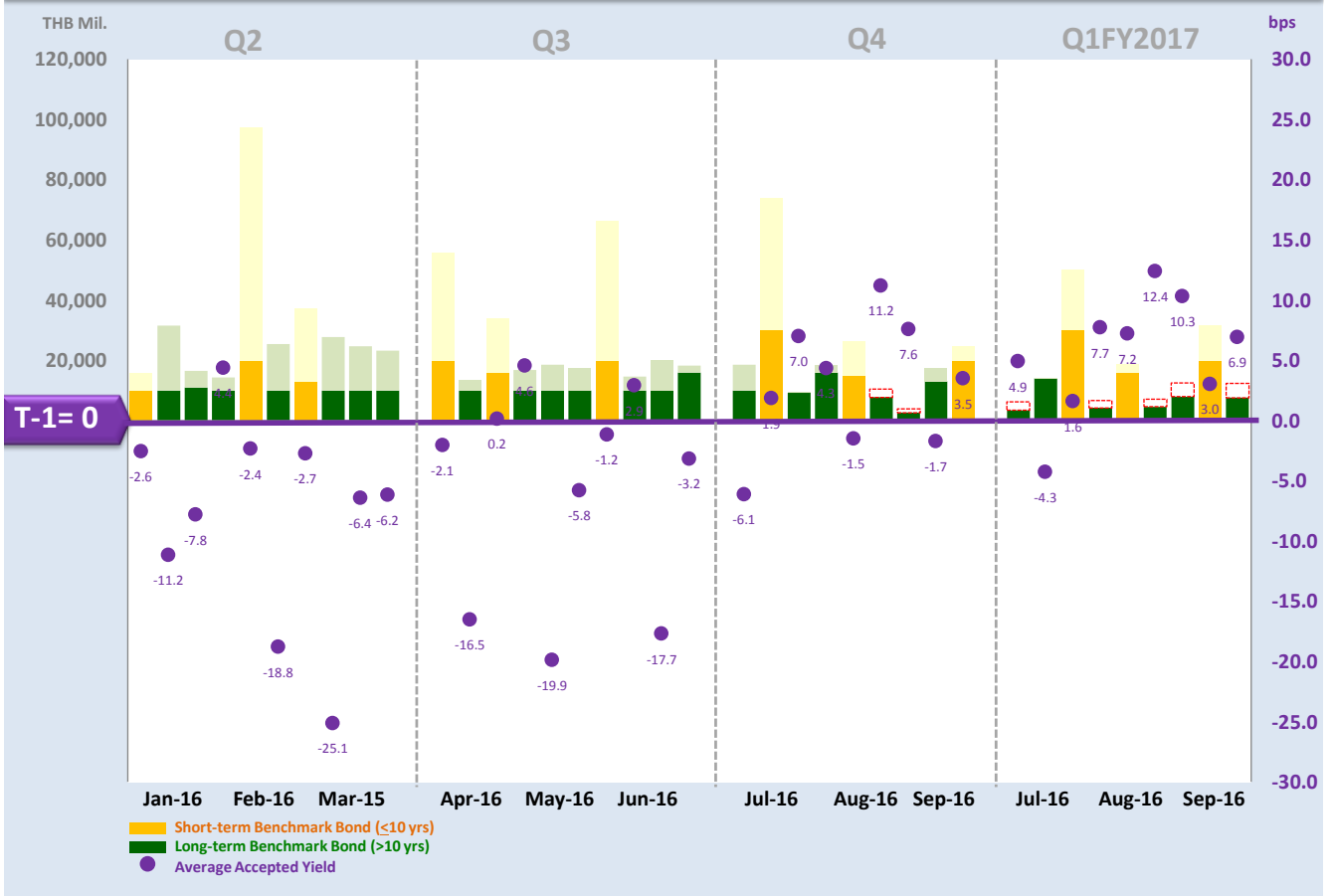
ALL FY2017 Benchmark Bond is approximately 550 Bil.

60% of FY2017 Funding Needs 957 Bil.

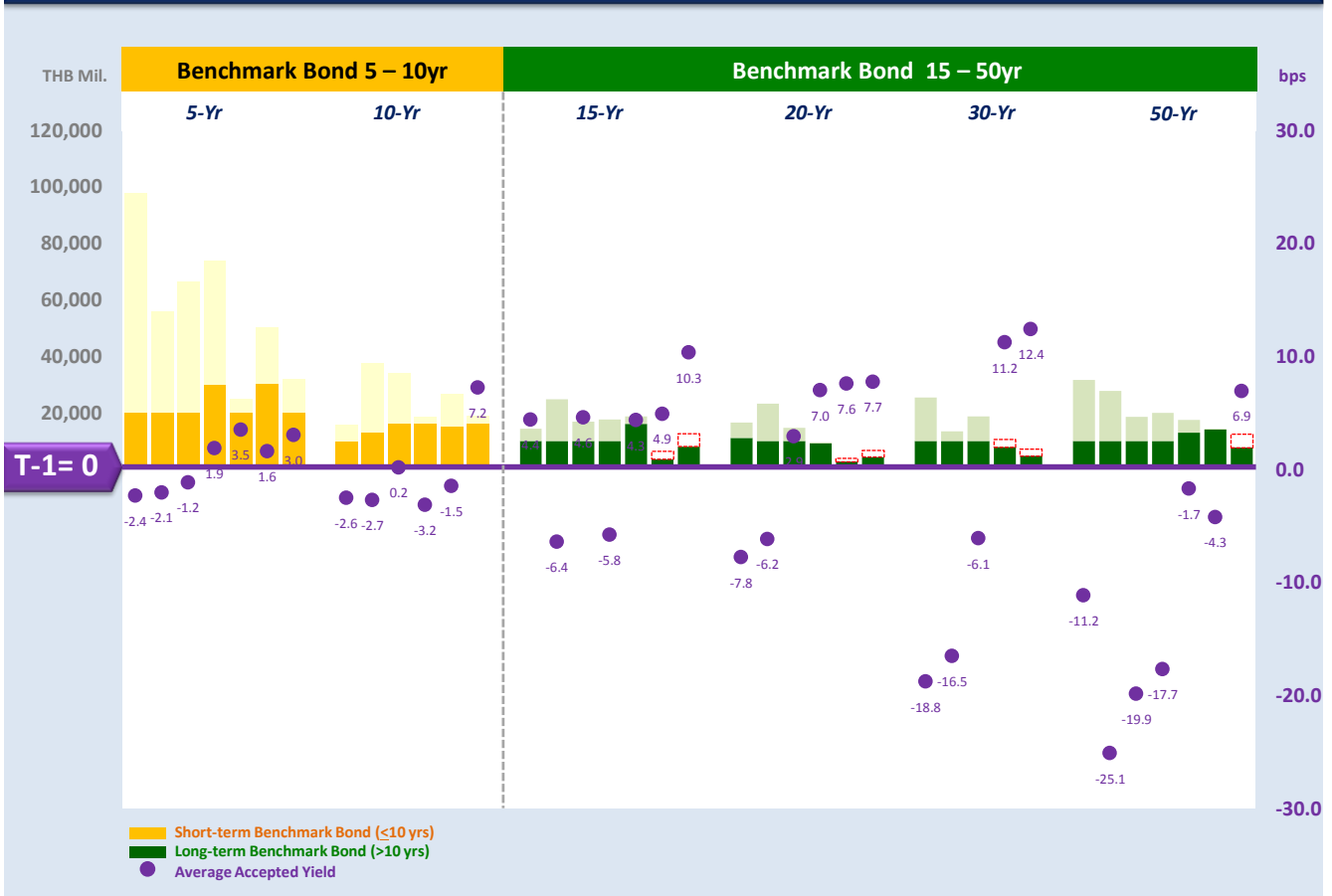


# Q2FY2016 – Present GOVT Bond Auction Results

*Classified by Auction Schedule*

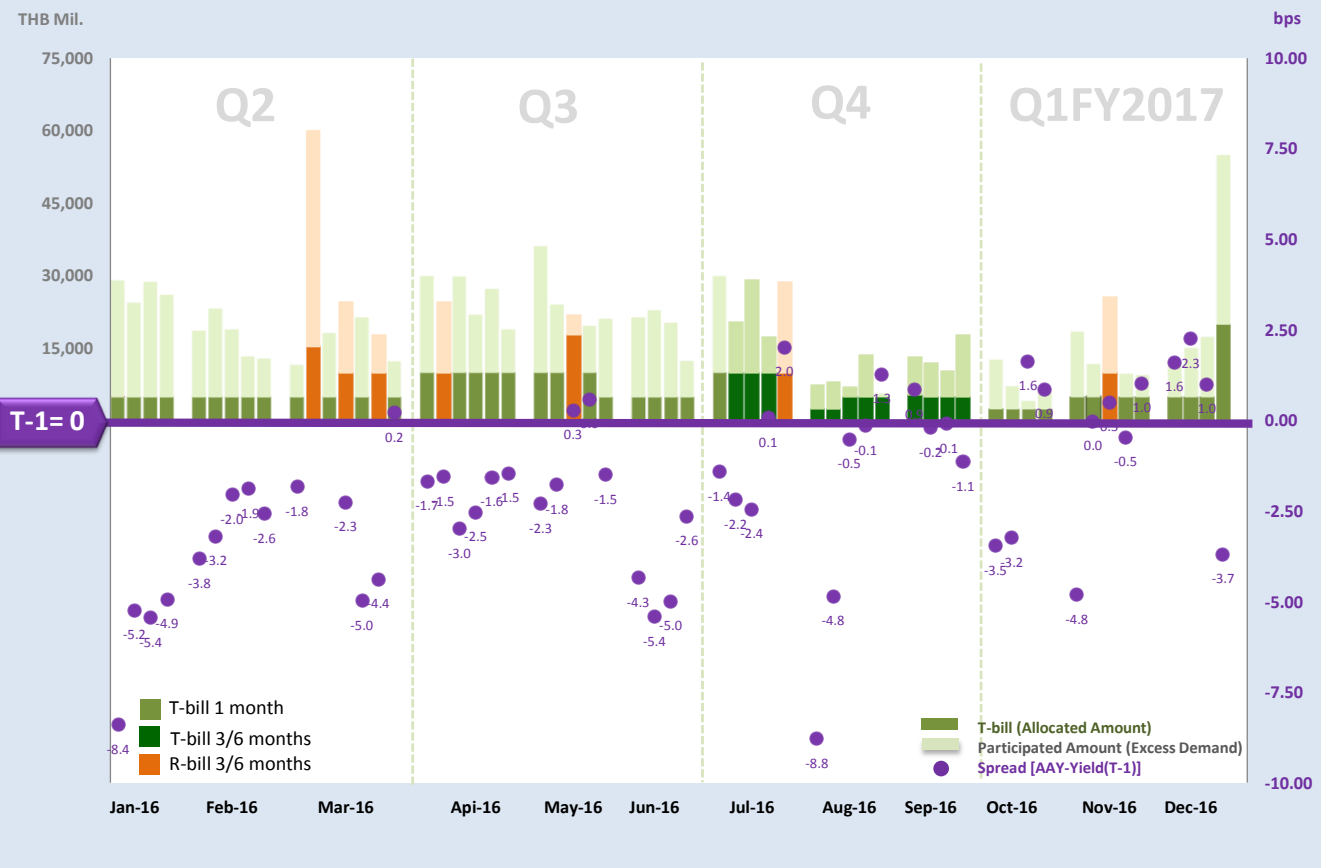


# Q2FY2016 – Present GOVT Bond Auction Results *Classified by Tenor*



# Q2FY2016-Present T-Bill Auction Result

- ✓ **Low Cost of Funding**
- ✓ **High Volume of Short-term Demand**



# Q2/FY2017 GOVT Bond Auction Schedule (Jan – Mar 17)

Auction Date	LB226A 5-yrs	LB26DA 10-yrs	LB316A 15-yrs	LB366A 20-yrs	LB466A 30-yrs	LB666A 50-yrs	Total
4 January 2017							-
11 January 2017							-
18 January 2017	25,000						25,000
25 January 2017				8,000			8,000
1 February 2017		14,000					14,000
8 February 2017					12,000		12,000
15 February 2017			11,000				11,000
22 February 2017					12,000		12,000
1 March 2017	25,000						25,000
8 March 2017							-
15 March 2017				8,000			8,000
22 March 2017		14,000					14,000
29 March 2017						13,000	13,000
<b>Total</b>	<b>50,000</b>	<b>28,000</b>	<b>11,000</b>	<b>16,000</b>	<b>12,000</b>	<b>25,000</b>	<b>142,000</b>
<b>Coupon</b>	<b>1.875%</b>	<b>2.125%</b>	<b>3.65%</b>	<b>3.40%</b>	<b>2.875%</b>	<b>4.00%</b>	
<b>Maturity Date</b>	<b>17-Jun-2022</b>	<b>17-Dec-2026</b>	<b>20-Jun-2031</b>	<b>17-Jun-2036</b>	<b>17-Jun-2046</b>	<b>17-Jun-2066</b>	

หมายเหตุ : 1. LB226A = พันธบัตรรัฐบาล ในปีงบประมาณ พ.ศ. 2560 ครั้งที่ 6 (Re-open พันธบัตรรัฐบาลเพื่อการบริหารหนี้เงินกู้โครงการในปีงบประมาณ พ.ศ. 2559 ครั้งที่ 1) ซึ่งพันธบัตรรุ่นนี้จะให้สิทธิในการเสนอซื้อเพิ่มเติม (Green shoe Option) แต่ MOF Outright PD ทำให้ปริมาณการออกพันธบัตรรุ่นนี้ในวันที่ 18 ม.ค. 60 จะอยู่ระหว่างจำนวน 25,000 - 30,000 ล้านบาท และในวันที่ 1 มี.ค. 60 จะอยู่ระหว่างจำนวน 25,000 - 30,000 ล้านบาท

2. LB366A = พันธบัตรรัฐบาล ในปีงบประมาณ พ.ศ. 2560 ครั้งที่ 7 (Re-open พันธบัตรรัฐบาล ในปีงบประมาณ พ.ศ. 2559 ครั้งที่ 5)

3. LB26DA = พันธบัตรรัฐบาลเพื่อการปรับโครงสร้างหนี้ ในปีงบประมาณ พ.ศ. 2560 ครั้งที่ 8 (Re-open พันธบัตรรัฐบาลเพื่อการบริหารหนี้ให้ต่อ ในปีงบประมาณ พ.ศ. 2559 ครั้งที่ 1)

4. LB666A = พันธบัตรรัฐบาล ในปีงบประมาณ พ.ศ. 2560 ครั้งที่ 9 (Re-open พันธบัตรรัฐบาล ในปีงบประมาณ พ.ศ. 2559 ครั้งที่ 6)

5. LB316A = พันธบัตรรัฐบาล ในปีงบประมาณ พ.ศ. 2560 ครั้งที่ 10 (Re-open พันธบัตรรัฐบาล ในปีงบประมาณ พ.ศ. 2554 ครั้งที่ 3)

6. LB466A = พันธบัตรรัฐบาล ในปีงบประมาณ พ.ศ. 2560 ครั้งที่ 11 (Re-open พันธบัตรรัฐบาลเพื่อการปรับโครงสร้างหนี้ (พ.ร.ก. ให้อำนาจกระทรวงการคลังกู้เงินฯ พ.ศ. 2552) ในปีงบประมาณ พ.ศ. 2559 ครั้งที่ 5)



# Q2/FY2017 SOE Bond Auction Schedule (Jan – Mar 17)

Month	Quarter 2 Week-Date	Term/Loan (month)						Total	Bond (year)							Total	Grand total (Thai Mtl.)	
		0.5	1	2	2.5	3			2	3	5	7	10	15	20			25
Jan	Wk. 14 3							0	Substitution Day for New Year							0	0	
	Wk. 15 10							0								0	0	
	Wk. 16 17							4,800								0	4,800	
	Wk. 17 19							0								0	0	
	Wk. 18 24							9,000								0	9,000	
Feb	Wk. 19 31							0								0	0	
	Wk. 20 9							0								0	0	
	Wk. 21 14							0								0	0	
	Wk. 22 16							2,161								5,000	7,161	
	Wk. 23 20,21							0								0	0	
Mar	Wk. 24 28							0								0	0	
	Wk. 25 2							0								0	0	
	Wk. 26 7							0								0	0	
	Wk. 27 9							4,700								8,800	8,800	
	Wk. 28 14							22,475								5,000	27,475	
Apr	Wk. 29 20,21							0								0	0	
	Wk. 30 23							0								0	0	
	Wk. 31 28							0								0	0	
	Wk. 32 30							0								0	0	
	Wk. 1 4							0								0	0	
	Wk. 2 6							0								0	0	
	31 Mar							43,136	5,000	0	5,000	8,800	0	0	0	0	18,800	61,936

Sources	
NG	: Non Guarantee
GG	: Gov. Guarantee
	Not Guaranteed by GOVT
	Guaranteed and Serviced by GOVT

Auction Condition	Date
e-Bidding Bond	Monday
S Syndication Bond <small>Next 5 working days (since pricing date)</small>	Thursday
A Auction Bond <small>Next 5 working days</small>	Thursday

# PDMO Bond Calendar FY 2017

	Mon	Tue	Wed	Thu	Fri	Sat	Sun			
Quarter 1	Oct 2016	3	Auction T-bill	5	6	7	8	9		
		10	Auction T-bill	11	Auction LB316A (15Y) : 15,000MB	13	14	15		
		17	Auction T-bill	18	Auction LB666A (50Y) : 14,000MB	20	21	Auction T-bill		
		24	Substitution Day for Chulalongkorn Memorial Day	25	Auction LB226A (5Y) : 36,000MB	27	28	29		
		31	Auction T-bill	1	Auction LB366A (20Y) : 12,000MB	3	4	5		
		7	Auction T-bill	8	Auction T-bill	10	11	12		
		14	Baht Bond 1/2017 Application Submission	15	Auction T-bill	17	18	19		
		21	Auction T-bill	22	Auction LB26DA (10Y) : 16,000MB	24	25	26		
		28	Auction T-bill	29	Auction LB466A (30Y) : 13,000MB	1	2	3		
		5	H.M. the King's Birthday	6	Auction LB316A (15Y) : 15,000MB	8	9	10		
Quarter 2	Jan 2017	12	Substitution Day for Constitution Day	13	Auction LB226A (5Y) : 24,000MB	15	16	17		
		19	Auction T-bill	20	Auction LB666A (50Y) : 14,000MB	22	23	24		
		26	Auction T-bill	27	Auction T-bill	29	30	31		
		2	Substitution Day for New Year's Day	3	Substitution Day for New Year's Day	4	5	6		
		9	Auction T-bill	10	Auction T-bill	12	13	14		
		16	Auction T-bill	17	Auction LB226A (5Y) : 25,000MB	19	20	21		
		23	Auction T-bill	24	Auction LB366A (20Y) : 8,000MB	26	27	28		
		30	Auction T-bill	31	Auction LB26DA (10Y) : 14,000MB	2	3	4		
		6	Auction T-bill	7	Auction LB666A (50Y) : 12,000MB	9	10	11		
		13	Substitution Day for Makha Bucha Day	14	Auction LB316A (15Y) : 11,000MB	16	17	18		
Quarter 2	Feb 2017	20	Auction T-bill	21	Auction LB466A (30Y) : 12,000MB	23	24	25		
		27	Auction T-bill	28	Baht Bond 2/2017 Application Submission	2	3	4		
		6	Auction T-bill	7	Auction LB226A (5Y) : 25,000MB	16	17	18		
		13	Auction T-bill	14	Auction LB366A (20Y) : 8,000MB	23	24	25		
		20	Auction T-bill	21	Auction T-bill	23	24	25		
		27	Auction T-bill	28	Auction T-bill	30	31	1		
		Quarter 2	Mar 2017	6	Auction T-bill	7	Auction T-bill	10	11	12
				13	Auction T-bill	14	Auction T-bill	17	18	19
				20	Auction T-bill	21	Quarterly PD Market Dialogue	24	25	26
				27	Auction T-bill	28	Auction T-bill	31	1	2
4	Auction T-bill			5	Auction T-bill	8	9	10		
11	Auction T-bill			12	Auction T-bill	15	16	17		
18	Auction T-bill			19	Auction T-bill	22	23	24		
25	Auction T-bill			26	Auction T-bill	29	30	31		
1	Auction T-bill			2	Auction T-bill	5	6	7		
8	Auction T-bill			9	Auction T-bill	12	13	14		

Last day of submission for  
Baht Bond Application (2/2017)

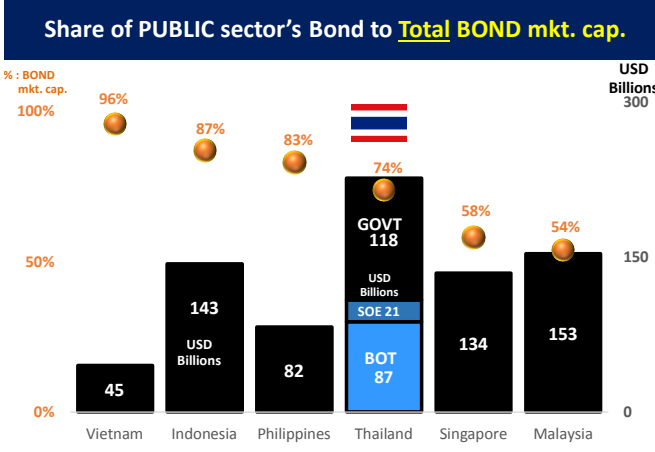
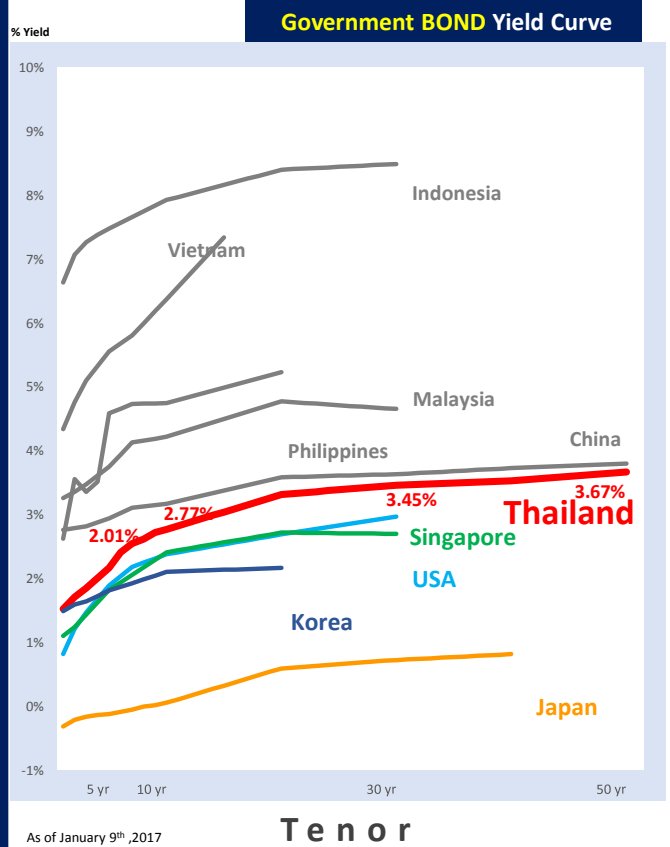
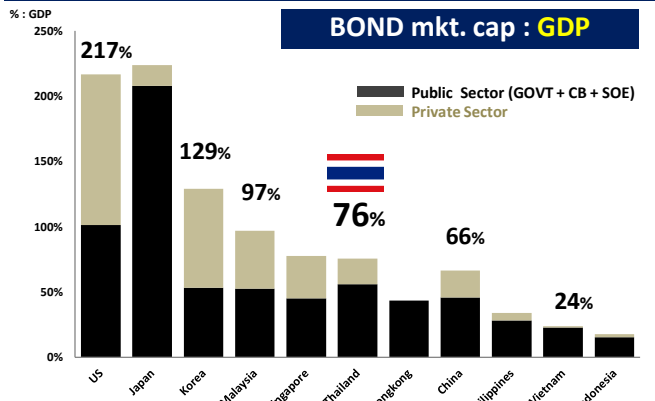
Month	Day	Event	1	2	3	4	5	6	7	8	9				
Quarter 3	Apr 2017	3	Auction T-bill	4					6	Chakri Memorial Day	7	8			
		10	First Day of submission for MOF Outright PD's Application	11				12		13	Songkran Festival Day	14	15		
		17	Auction T-bill	18				19		20		21	22		
	May 2017	24	Auction T-bill	25				26		27		28	Last Day of submission for MOF Outright PD's Application	29	30
		1	National *Labour Day	2				3		4		5	Coronation Day	6	7
		8	Auction T-bill	9				10	Visakha Bucha Day	11		12	Royal Ploughing Ceremony Day	13	14
		15	Auction T-bill	16				17		18		19		20	21
		22	Auction T-bill	23	MOF Outright PD Committee : Quarterly PD's Evaluation	24				25		26		27	28
		29	Auction T-bill	30				31		1		2		3	4
		5	Auction T-bill	6				7		8		9		10	11
Jun 2017	12	Auction T-bill	13				14		15		16		17	18	
	19	Auction T-bill	20				21		22		23	Quarterly PD Market Dialogue	24	25	
	26	Auction T-bill	27				28		29		30		1	2	
	3	Auction T-bill	4				5		6		7		8	9	
	10	Substitution Day for Asarnha Bucha Day	11				12		13		14	Baht Bond 3/2017 Application Submission	15	16	
Quarter 4	Jul 2017	17	Auction T-bill	18			19		20		21		22	23	
		24	Auction T-bill	25			26		27		28		29	30	
		31	Auction T-bill	1			2		3		4		5	6	
	Aug 2017	7	Auction T-bill	8				9		10		11		12	13
		14	Substitution Day for H.M. The Queen's Birthday	15				16		17		18	MOF Outright PD Committee : Final Review	19	20
		21	Auction T-bill	22				23		24		25		26	27
		28	Auction T-bill	29				30		31		1		2	3
Sep 2017	4	Auction T-bill	5				6		7		8		9	10	
	11	Auction T-bill	12				13		14		15	Annual PDMD-Market Dialogue + MOF Awards	16	17	
	18	Auction T-bill	19				20		21		22		23	24	
	25	Auction T-bill	26				27		28		29		30		
													Remark : Royal Ploughing Ceremony Day- waiting for an announcement		



# BOND market capitalization

## Peers Comparison

Source : Asian Bond online (ADB)



# Government BOND Yield Matrix

## ASEAN & Peers

As of January 9<sup>th</sup>, 2017

	6 m	1 yr	2 yr	3 yr	4 yr	5 yr	6 yr	7 yr	8 yr	9 yr	10 yr	20 yr	30 yr	40 yr	50 yr
Japan	-0.30	-0.35	-0.34	-0.27	-0.15	-0.04	0.09	0.24	0.35	0.57	0.62	0.59	0.72	0.82	
USA	0.60	0.82	1.21	1.47	1.68	1.89	2.04	2.18	2.25	2.31	2.38	2.69	2.97		
Singapore	-	1.10	1.24	1.43	1.63	1.82	1.94	2.06	2.17	2.29	2.41	2.72	2.70		
Korea	1.37	1.49	1.60	1.64	1.73	1.81	1.87	1.93	1.99	2.04	2.10	2.17			
Thailand	1.50	1.52	1.71	1.85	2.01	2.17	2.41	2.55	2.62	2.72	2.77	3.32	3.46	3.53	3.67
China	2.67	2.77	2.79	2.82	2.88	2.94	3.03	3.11	3.13	3.15	3.17	3.59	3.63	3.73	3.80
Malaysia	3.12	3.26	3.36	3.48	3.61	3.75	3.94	4.13	4.16	4.19	4.22	4.77	4.66		
Philippines	2.21	2.63	3.56	3.36	3.52	4.59	4.66	4.74	4.74	4.74	4.75	5.23			
Vietnam	-	4.34	4.76	5.10	5.33	5.56	5.68	5.81	6.00	6.19	6.38				
Indonesia	-	6.64	7.07	7.27	7.39	7.48	7.57	7.66	7.75	7.84	7.93	8.40	8.49		
Brunei															
Cambodia															
Laos															
Myanmar															


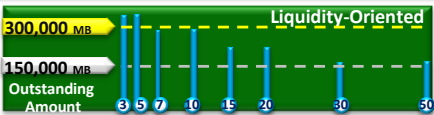
below 1%  
 1.01% - 2%  
 2.01% - 3%  
 3.01% - 4%  
 over 4%  
 no data

# Basic & Essentials

- Bond Market Development Strategy
- Public Debt Outstanding
- Total Domestic Public Debt
  - Bond Market Capitalization
  - Liquidity & Secondary Market Trading
    - Supporting Inclusive Growth Through ASEAN Bond Market Integration
  - Non-Resident Holding in Domestic Bond

# Domestic Bond Market in Transition

- ✓ Funding Infrastructure Investment
- ✓ Connecting ASEAN

	Market Deepening Oriented (2010 - 2012)	Funding Infrastructure Investment Connecting ASEAN (2013 - 2017) <span style="background-color: yellow;">FY2017 Highlights</span>
Sustainable Source of Fund	Water Decree (350,000 THB Mil.) Thai Khem Khang (350,000 THB Mil.)	Full Funding Capacity : 1,200,000 THB Mil. 1,900,000 THB Mil. <u>Long-Term</u> Infrastructure Inv't
Regional Connectivity / AEC	Baht Bond (Foreign Issuers Bond)	Baht Bond (CLMV) Credit Guarantee Investment Facility (CGIF) Foreign Currency Bond (Plan)
Debt Folio Enhancement	ATM Lengthened Cost Lowered FIDF Decree Passed = 70,000 THB Mil. Fiscal Space	Well-Distributed Investor Base Well-Balanced Fixed-Floating Ratio Well-Distributed Maturity Profile / Bond Switching
Market Infrastructure	Appointed 14 MOF-Outright PD Activated Public Debt Management Fund	<b>Bond Switching (Multiple-to-Multiple)</b> Strengthening PD system (Exclusivity, League Table, Greenshoes Option) <b>STRIPS Bond</b>
Innovation / Product Development	Inaugural 10-yr Inflation-Linked Bond (10-yr) Long-term Fixed Promissory Notes (25-35-45-yr) Electronic Retail Savings Bond (3-5-yr)	Saving Bond Online Super- Size Inaugural 25-yr Back-End Amortized Bond
Market Consultation	Annual PDMO Market Dialogue Quarterly PDMO one-on-one PD Dialogue	Annual PDMO Market Dialogue Quarterly PDMO one-on-group MOF Outright PD Dialogue Monthly PDMO one-on-one MOF Outright PD Dialogue
Building Yield Curve / Enhancing Liquidity	 8 Tenors of Benchmark Bonds	 Liquidity-Oriented



# Equilibrium of Domestic Bond Market

## Issuers

- 73 percent of Thailand's debt securities are issued by Government, Bank of Thailand and State-Owned Enterprises

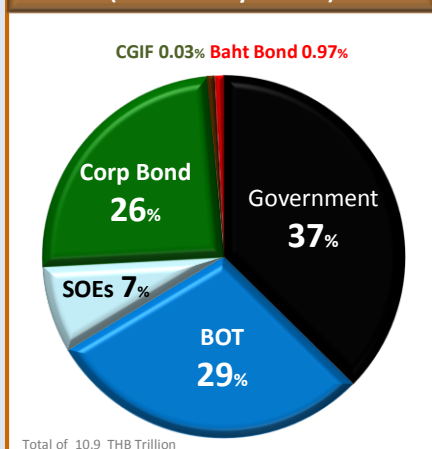
## Credit Rating

- 98 percent of Thailand's debt securities are classified as Investment Grade

## Investors

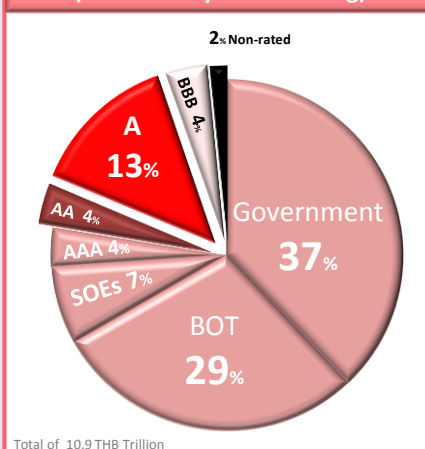
- Thailand's government debt securities are held by a wide group of investor types

Domestic Bond Market  
(Classified by Issuers)



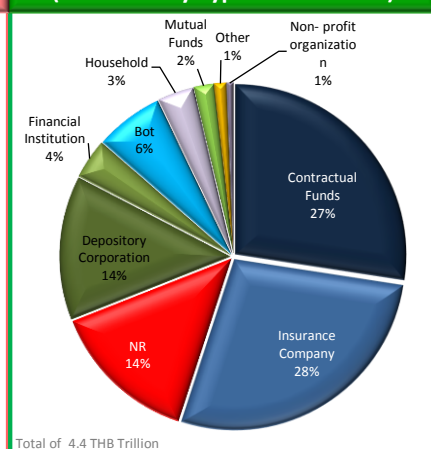
Source : ThaiBMA (End of Dec 2016)

Domestic Bond Market  
(Classified by Credit Rating)



Source : ThaiBMA (End of Dec 2016)

Government Debt Securities  
(Classified by Types of Investors)



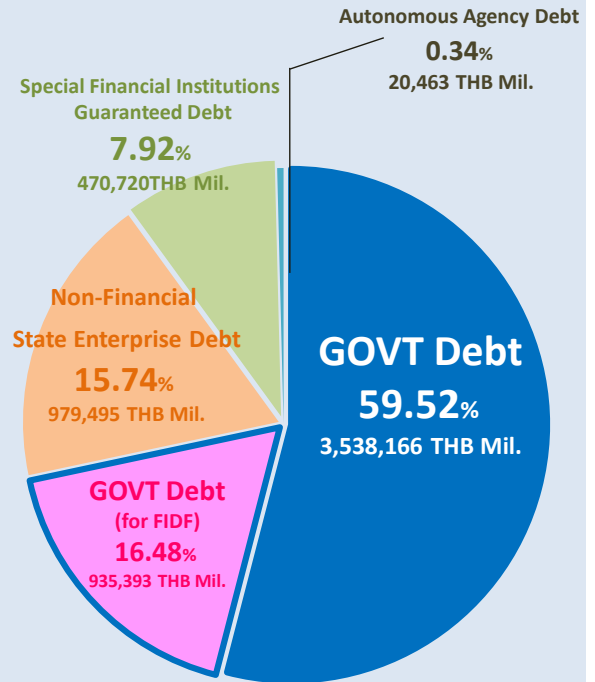
Source : BOT (End of Nov 2016)

# Public Debt Outstanding (as of Nov 2016) = 5.94 THB Trillion (42.39% of GDP)

## Components of Public Debt

Units : THB Mil.

1. Government Debt (excluded FIDF)	3,538,166
2. Government Debt (for FIDF)	935,393
3. Non-Financial State Enterprise Debt	979,495
4. Special Financial Institutions Guaranteed Debt	470,720
5. Autonomous Agency Debt	20,463
<b>Public Debt Outstanding</b>	<b>5,944,237</b>

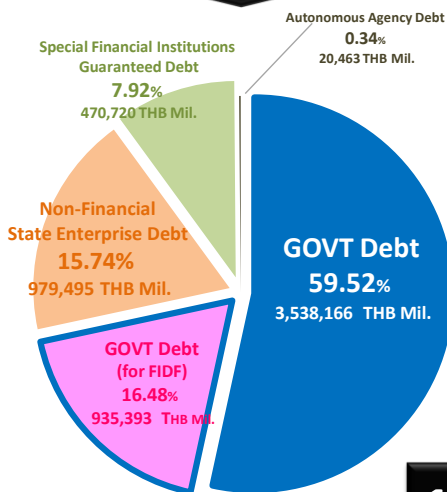


Source : Information Technology Centre, PDMO

## Portion of Public Debt Serviced by The Government

### Public Debt Components "All"

5.94 THB Trillion

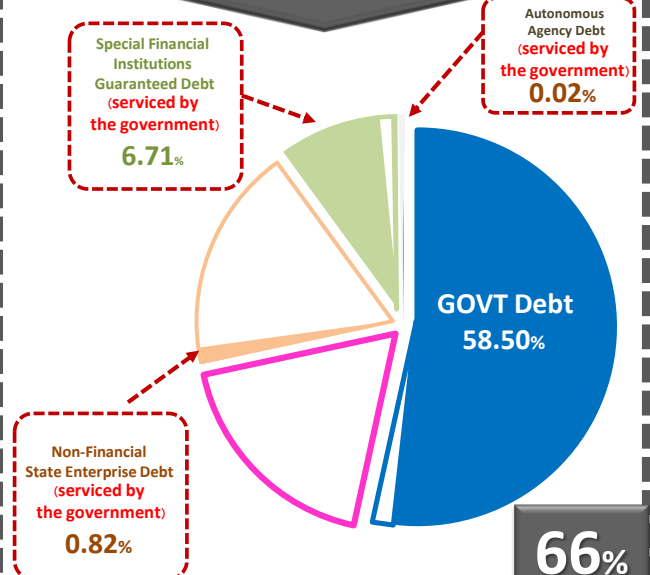


As of Nov 2016

100%

### Public Debt Components "serviced by the government"

3.92 THB Trillion



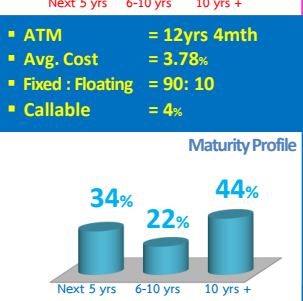
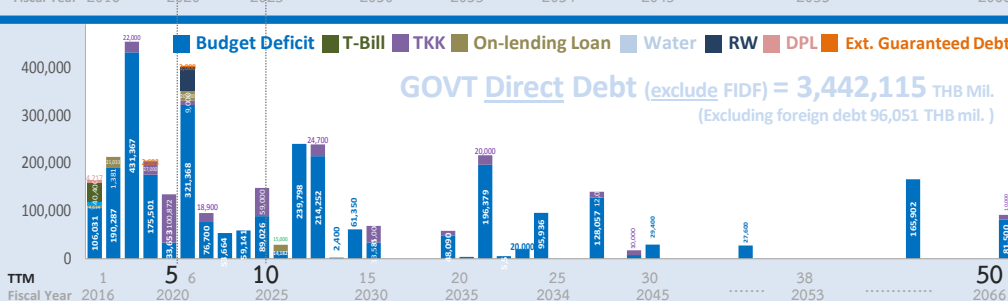
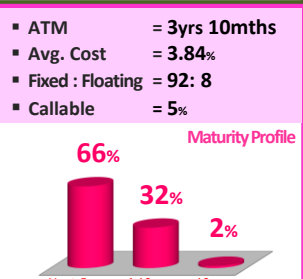
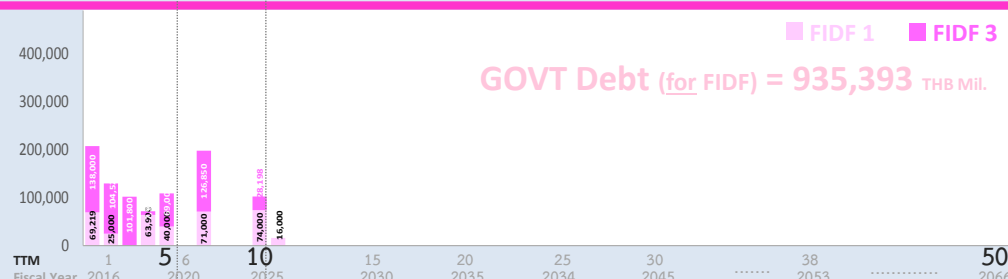
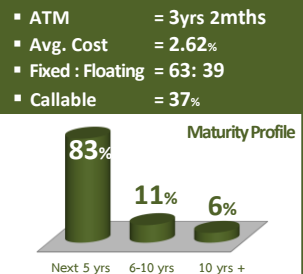
66%



# Total Domestic Public Debt = 5.94\* THB Trillion

Assumptions : 6 months BIBOR = 1.72%, 6 months Fixed Deposit Rate = 1.225%, Inflation = 0.60% Note : \* Not included External Debt

As of Nov 2016



## Well-Developed Bond Market Improved

### GOV'T Direct Debt Profile Dramatically

- (1) ATM Lengthened
- (2) Cost Lowered
- (3) Well-Balanced Fixed-Float Ratio
- (4) Well-Distributed Maturity Profile

Note : Government Direct Debt = 3,345,287 THB Mil. (exclude FIDF and external debt)

As of Dec 2007

As of Nov 2016

Average-Time-to-Maturity **LENGTHENED** by 7yrs 1mths

ATM  
5yrs 3mths

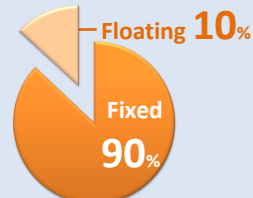
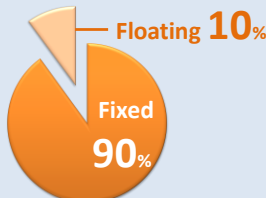
ATM  
12yrs 4mths

Avg. Cost **LOWERED** by 72 bps.  
(While ATM Lengthened by 7yrs 1 mth)

Avg. cost  
4.5%

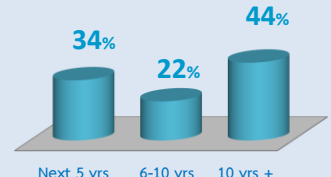
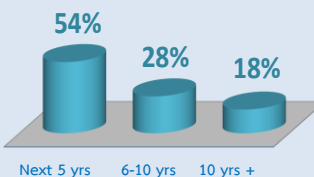
Avg. cost  
3.78%

Well-Balanced Fixed/Floating Ratio  
(Target : Fixed/Float ratio = 85 : 15)



Well-Distributed Maturity Profile

(Maturing Debt in the next 5 yrs is less than 50% of Total Debt)





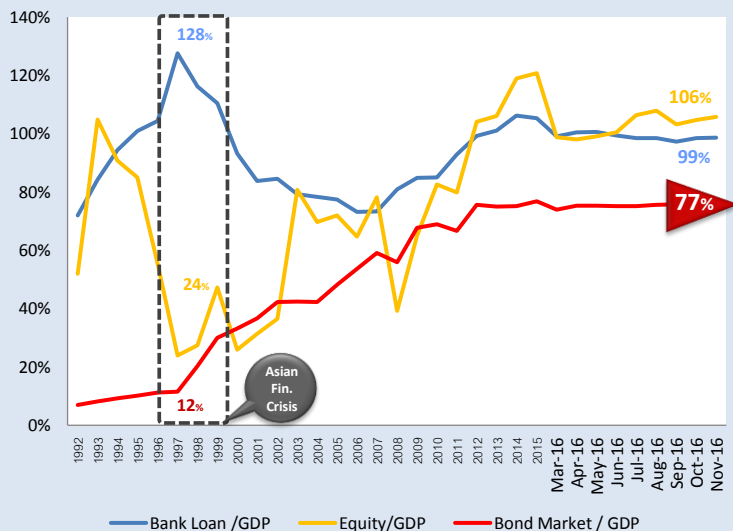
**Bond Market Cap. = 10.9 THB Trillion**

(\$304 Bil.)\*

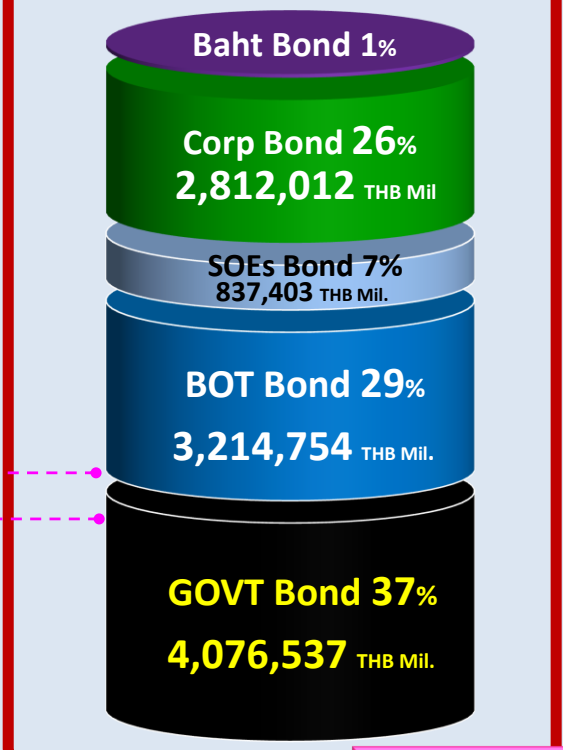
**GOVT Bond = 4.0 THB Trillion**

(\$113 Bil.)\*

% Share of GDP



Domestic Bond Market Classified by Issuer

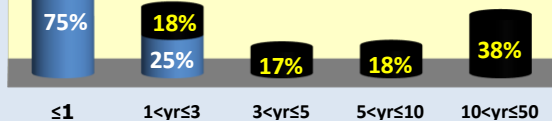


Maturity Profile

BOT vs GOVT Bond

BOT ATM = 7mths GOVT ATM = 11yrs 9mths

\*As of Jan 2017

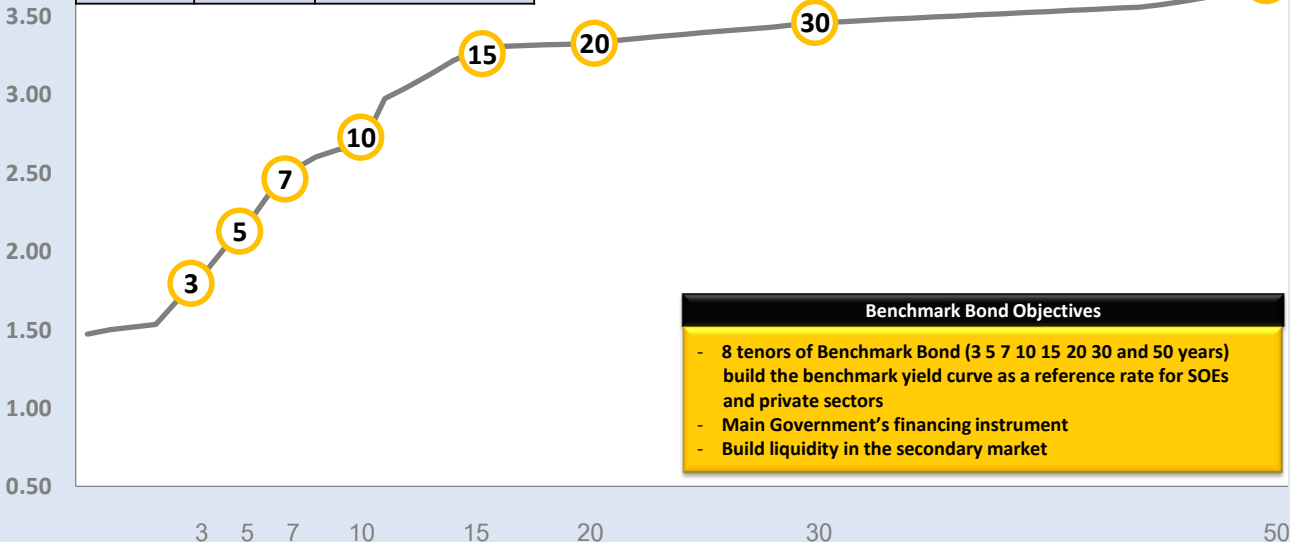
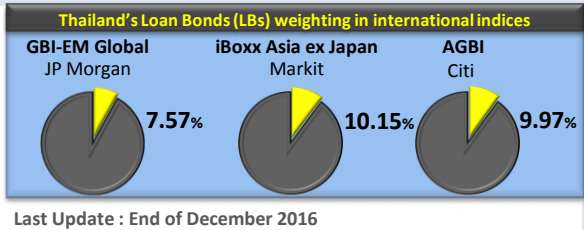


\*Source: BOT Exchange rate as of Dec 2016

As of 26 Dec, 2016

**Constantly Loan Bond Issuance Creates an Effective Government Bond Yield Curve**

On-the-run Benchmark Bond in FY2017		
Tenor	Symbol	Remark
3	-	-
5	LB226A	Included in GBI Index
7	-	-
10	LB26DA	Included in GBI Index
15	LB316A	-
20	LB366A	Included in GBI Index
30	LB466A	-
50	LB666A	-



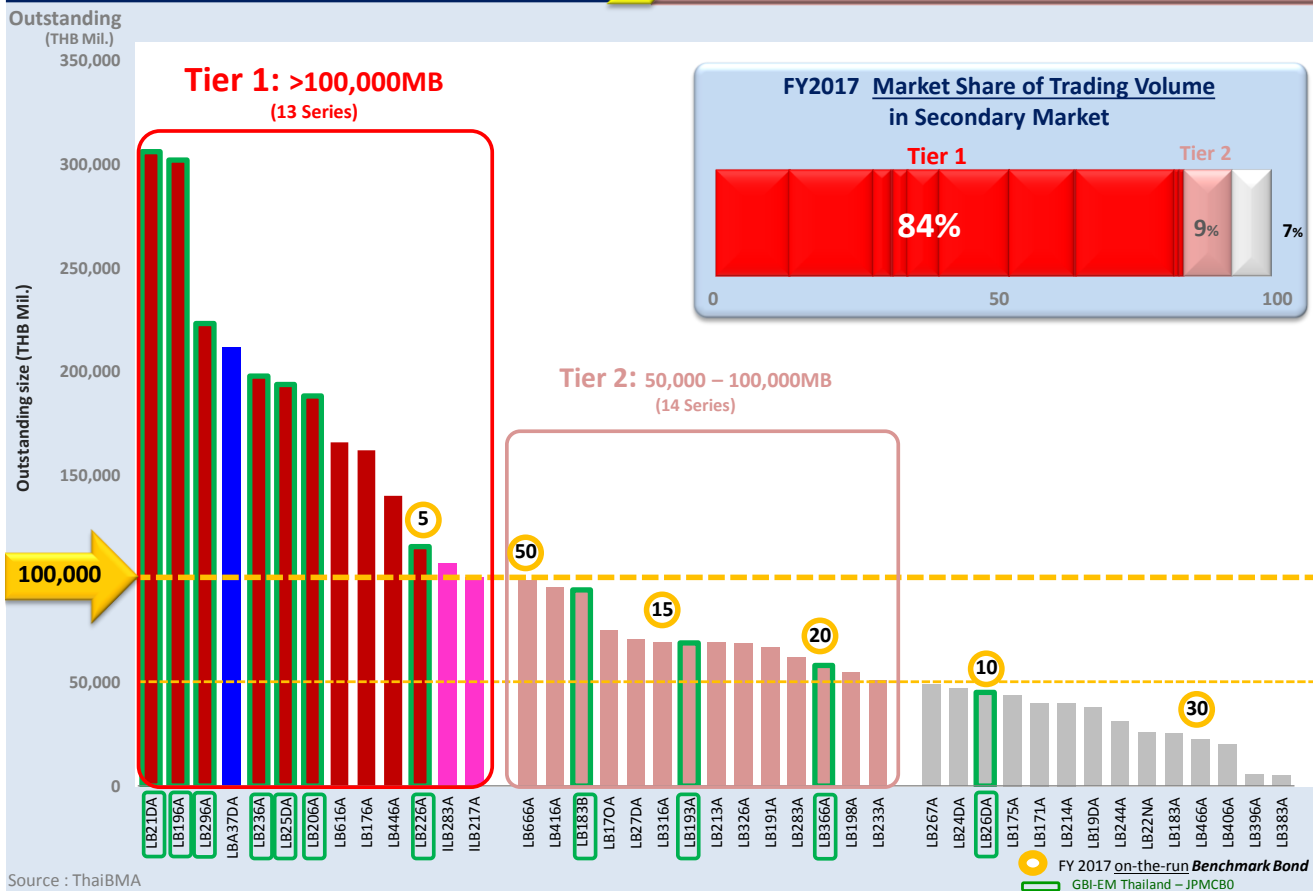
- Benchmark Bond Objectives**
- 8 tenors of Benchmark Bond (3 5 7 10 15 20 30 and 50 years) build the benchmark yield curve as a reference rate for SOEs and private sectors
  - Main Government's financing instrument
  - Build liquidity in the secondary market

# Total GOVT Bond = 41 Series

(Since 1 Oct - 30 Dec 2016)

Tier 1 > 100,000 THB Mil. in Size (84% of Trading Volume)

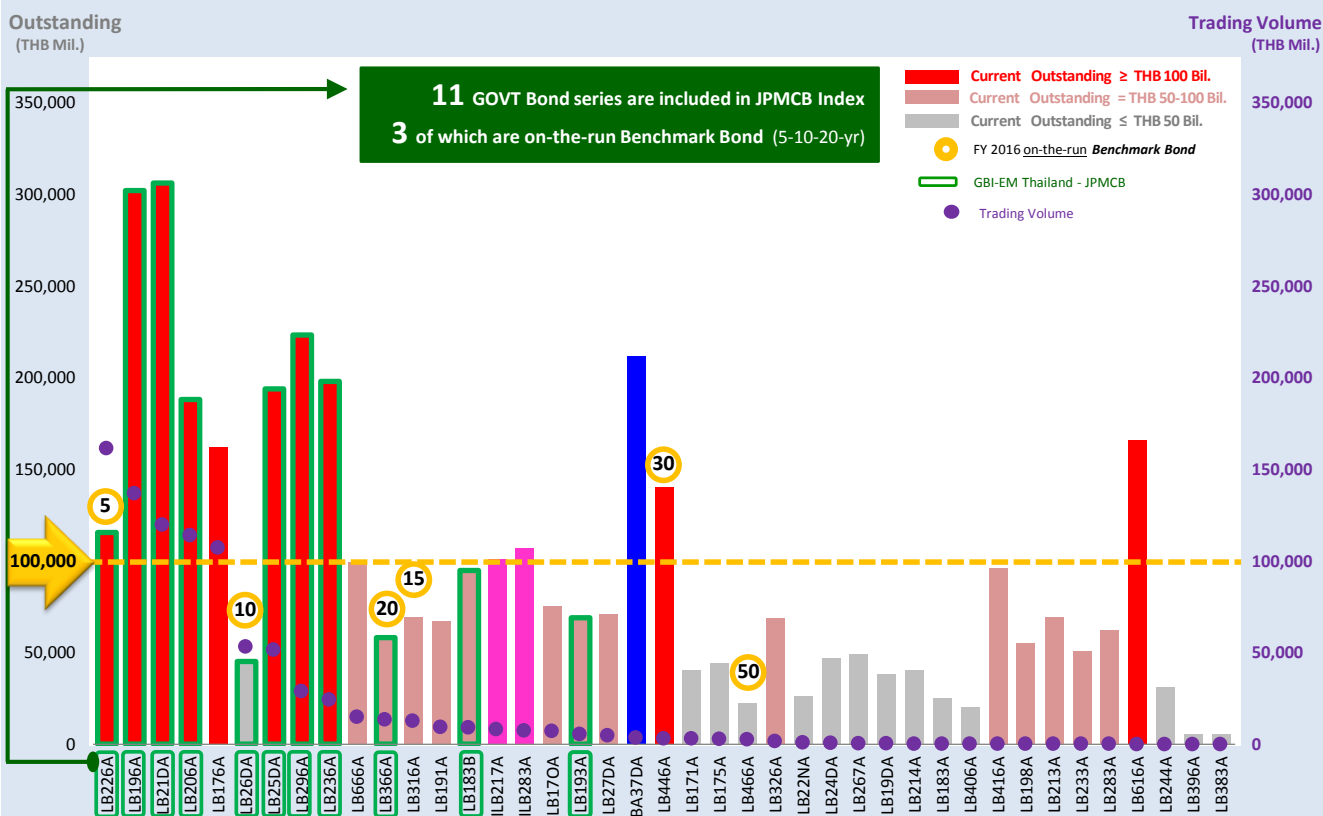
Tier 2 > 50,000 THB Mil. in Size (9% of Trading Volume)



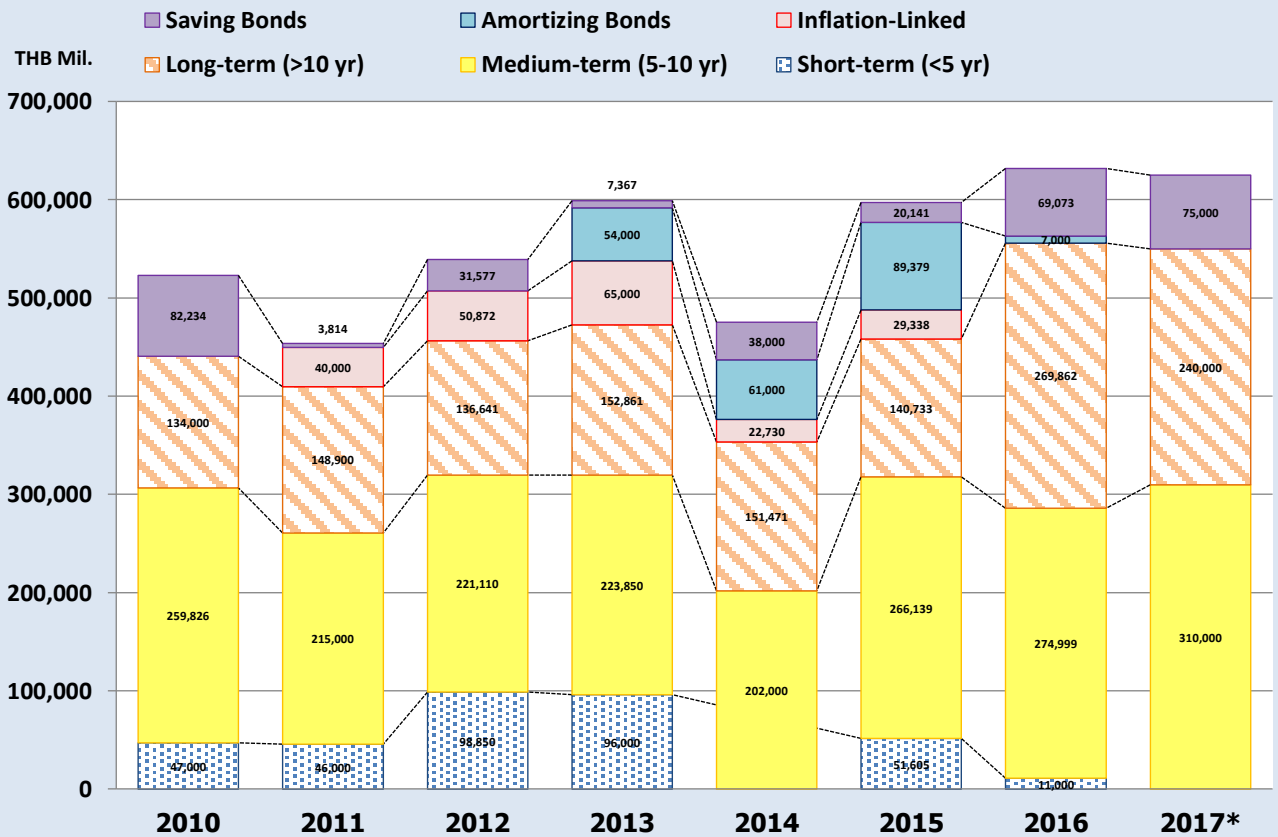
# FY2017 Secondary Trading Volume

(Since 1 Oct - 30 Dec 2016)

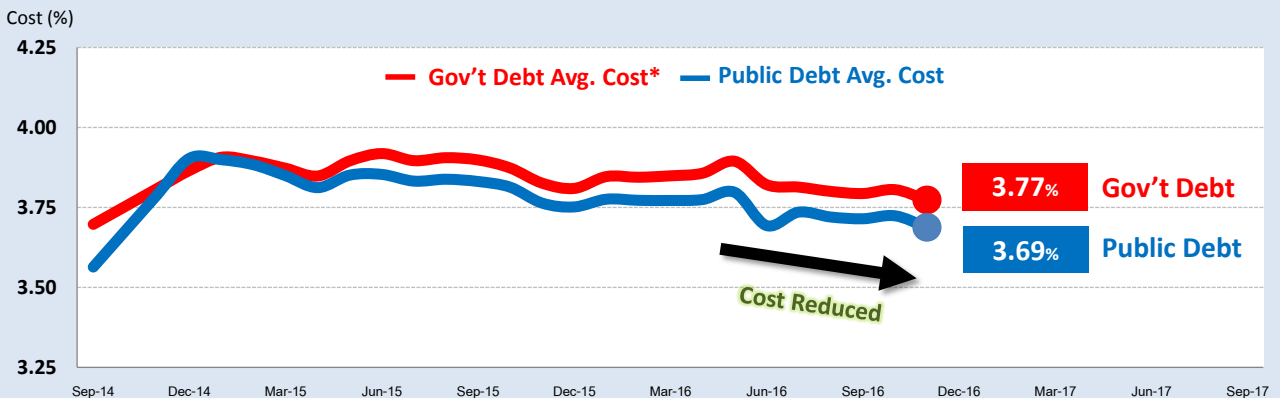
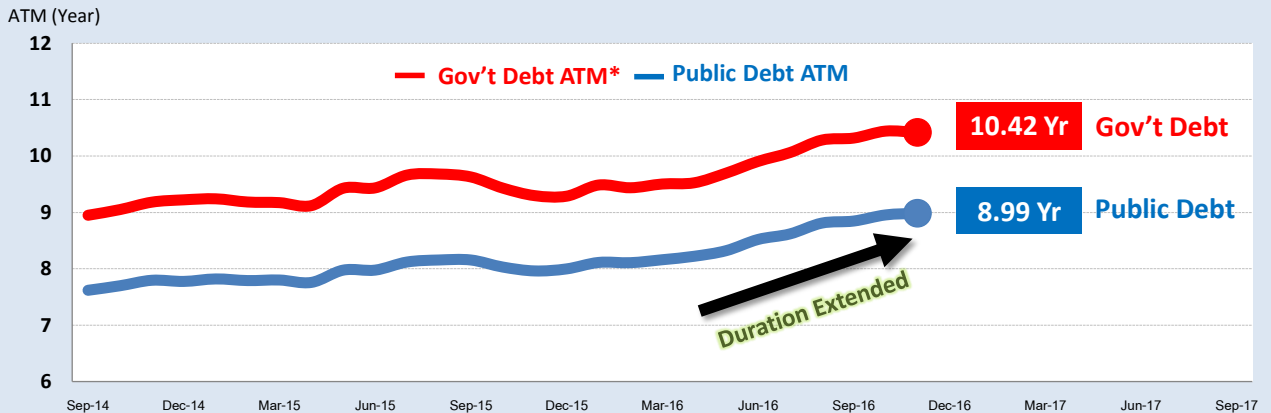
8 of 10 most Trading Volume have outstanding size over 100 bil.



# Historical Changes in Thai Government Bonds Issuance by Bond Types



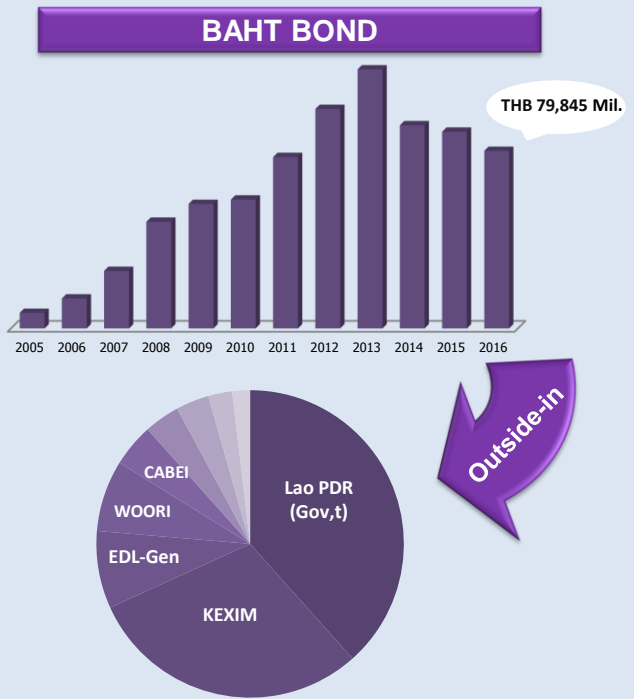
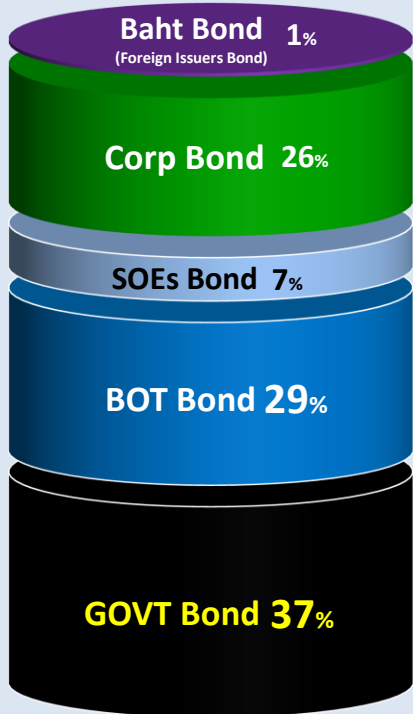
## Average Time to Maturity (ATM) VS Average Cost of Funding GOVT Debt and Public Debt



Remark : \* Include FIDF Debt

# Linking BAHT BOND to the Development of Bond Market

Total Outstanding **10,948,651 THB Mil.**  
(As of 26<sup>th</sup> December, 2016)



## What next?

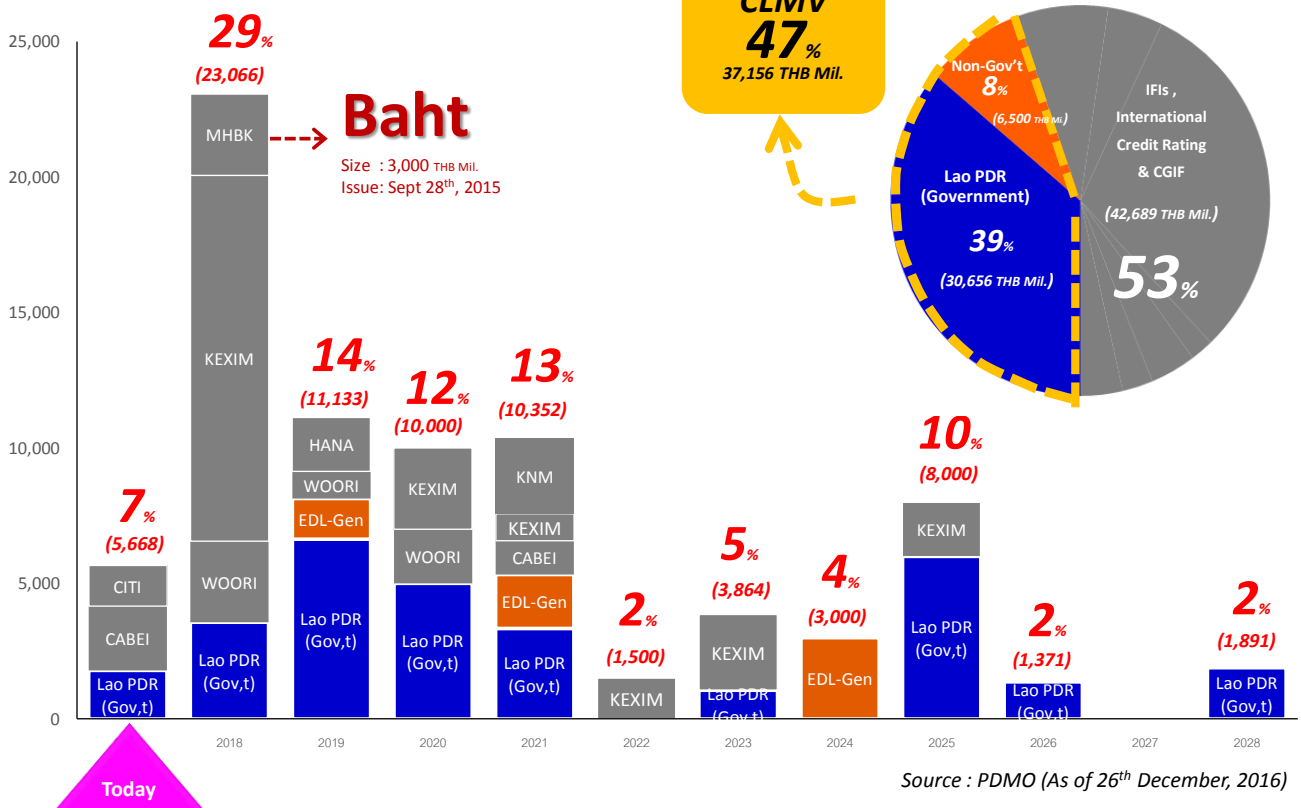
- Broadening Issuer Base : AEC
- Becoming bond market leader of the region

## 2016 - 2028

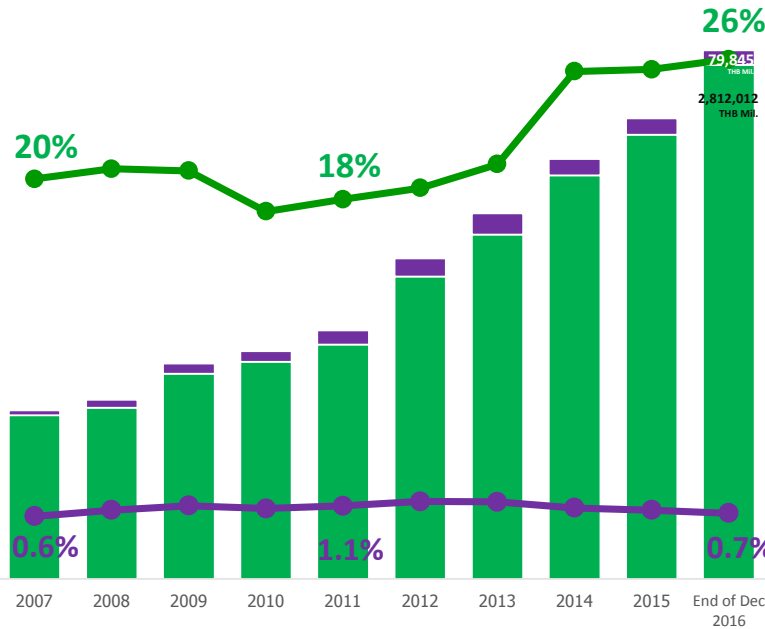
## Baht Bond's Maturity Profile (Classified by Issuers)

Public Debt Management Office, Ministry of Finance

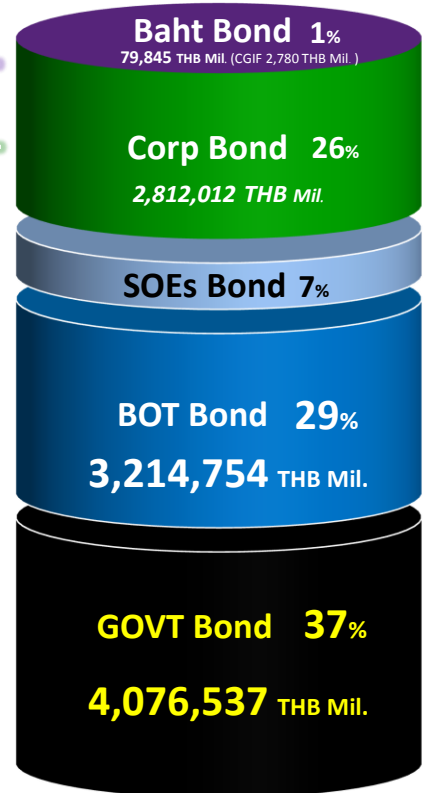
THB Mil.



- Baht Bond Outstanding
- Corporate Bond Outstanding
- % Share of Corporate Bond Outstanding to Bond Market Capitalization
- % Share of Baht Bond Outstanding to Bond Market Capitalization



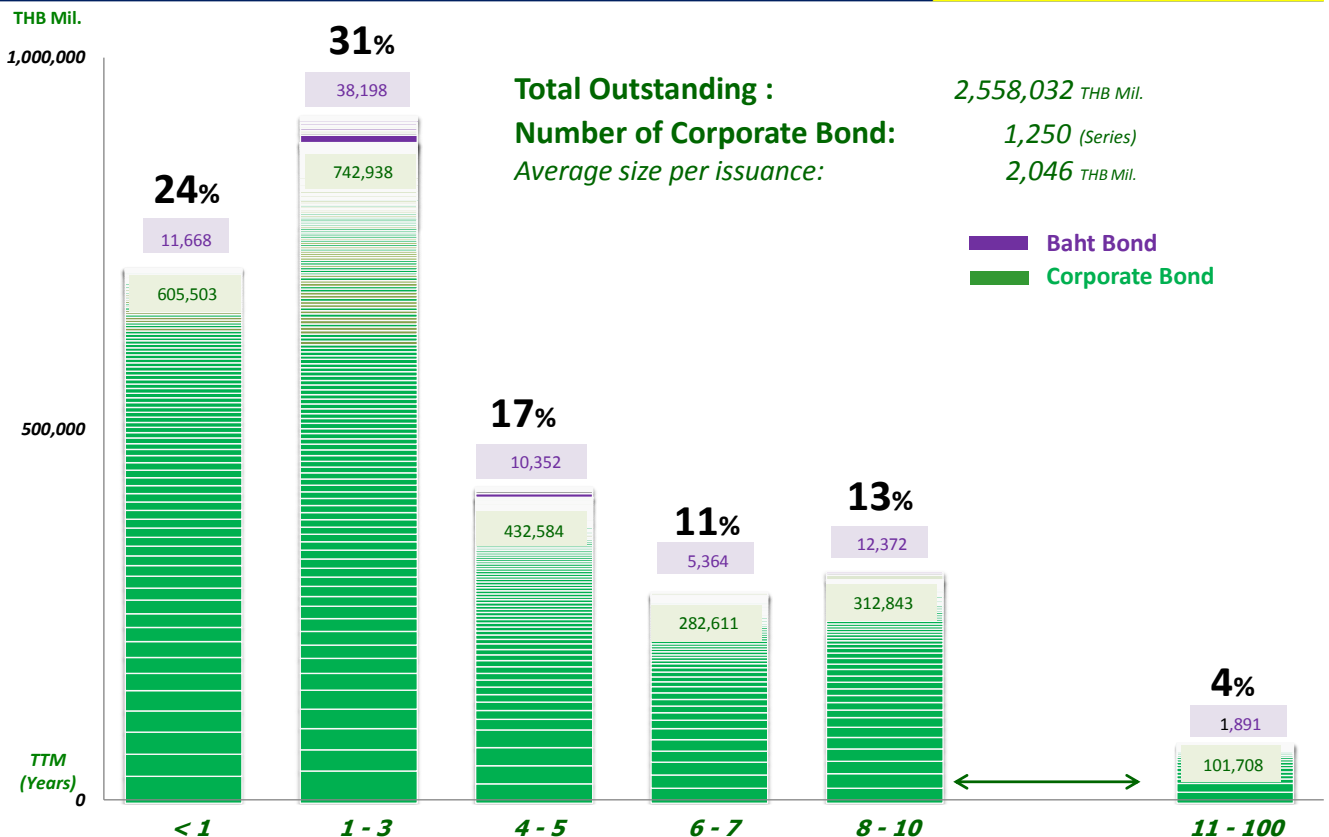
Total Outstanding 10,948,651 THB Mil.



Source : ThaiBMA (As of 26<sup>th</sup> December, 2016)

## Corporate Bond & Baht Bond Outstanding (Classified by TTMs)

Average size per issuance: **2,046 THB Mil.**



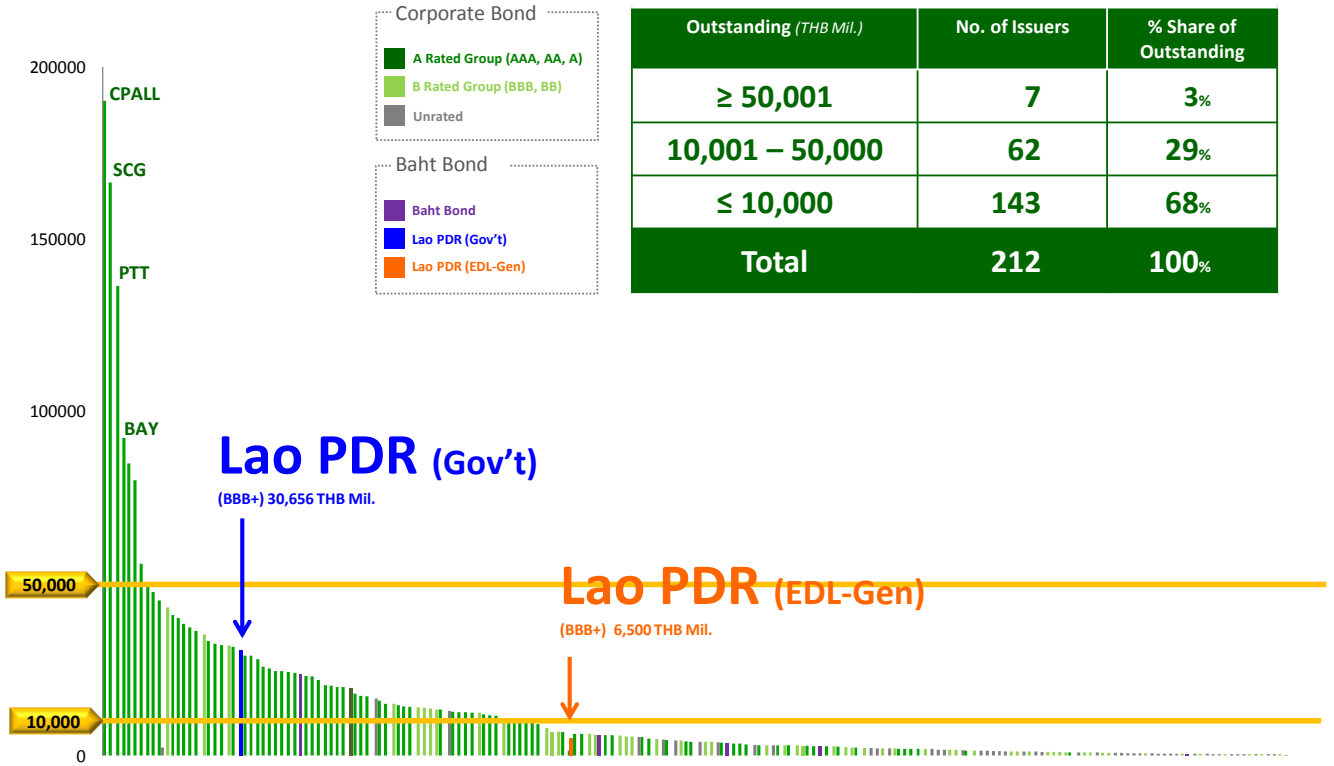
Source : ThaiBMA (As of 26<sup>th</sup> December, 2016)

Remark : Excluded Commercial Papers (less than 1 year at issue)

# Corporate Bond & Baht Bond Outstanding (Classified by Size)

**3%**  
are 7 Major Corporates

THB Mil.



Outstanding (THB Mil.)	No. of Issuers	% Share of Outstanding
≥ 50,001	7	3%
10,001 – 50,000	62	29%
≤ 10,000	143	68%
<b>Total</b>	<b>212</b>	<b>100%</b>

Issuer 1

Issuer 212

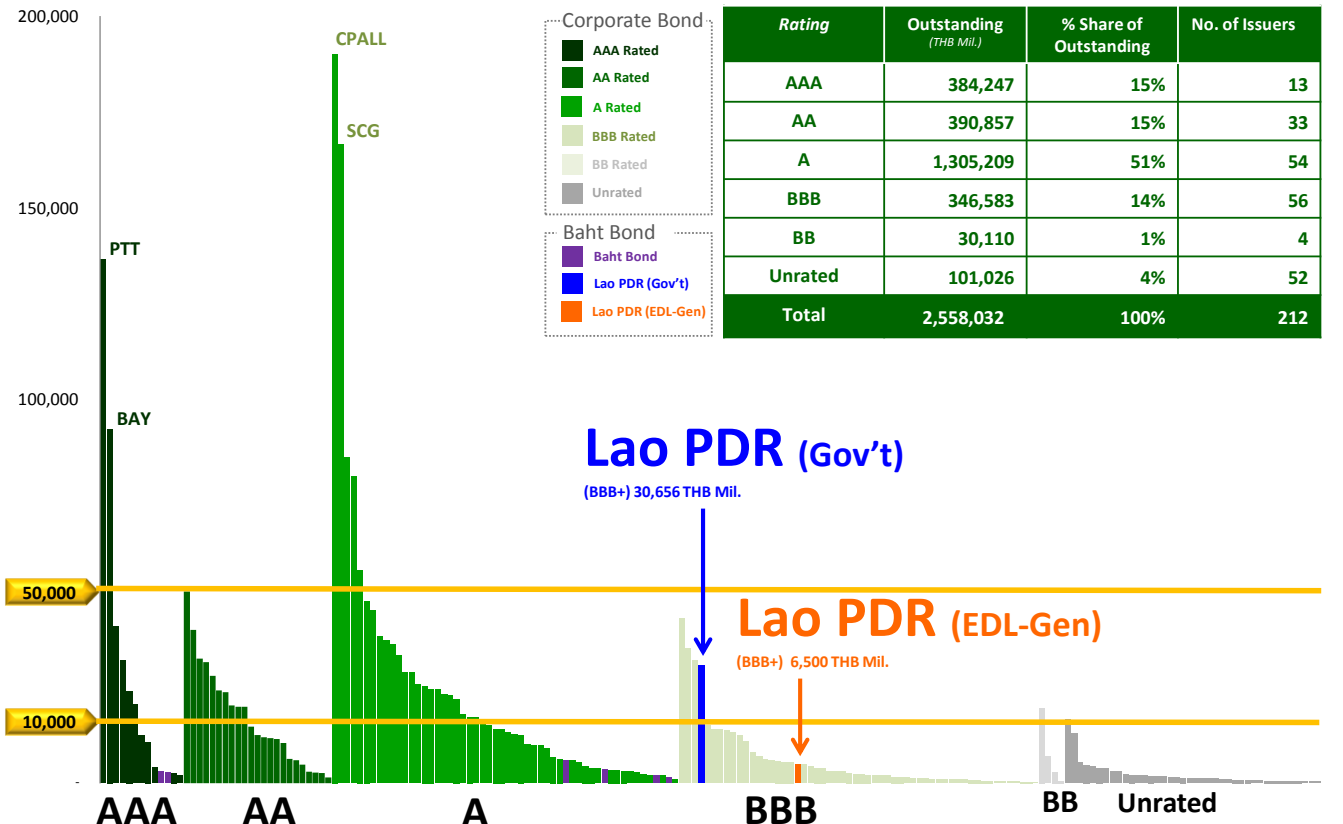
Source : ThaiBMA As of 26<sup>th</sup> December, 2016)

Remark : Excluded Commercial Papers (less than 1 year at issue)

# Corporate Bond & Baht Bond Outstanding (Classified by Credit Rating)

**51%** is A Rated

THB Mil.



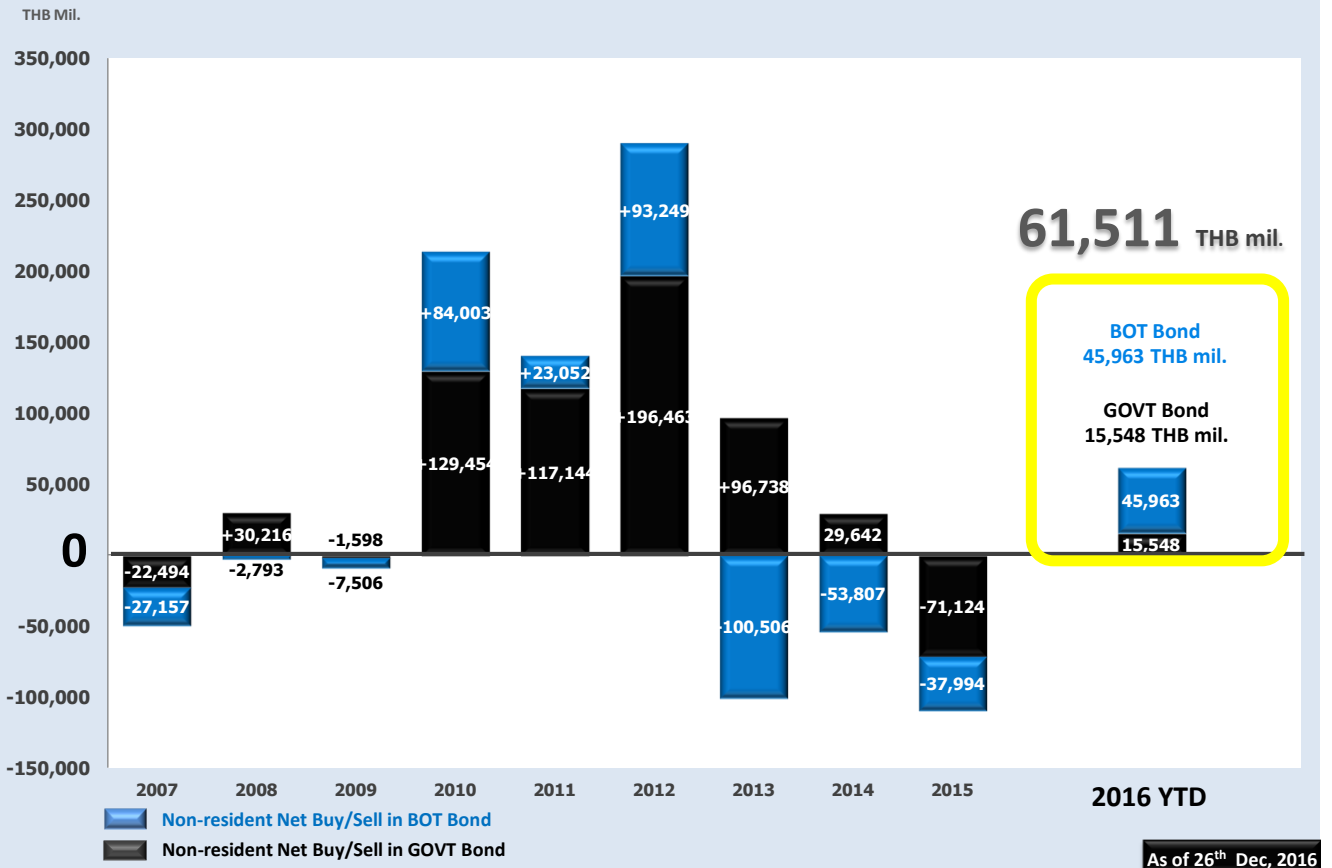
Rating	Outstanding (THB Mil.)	% Share of Outstanding	No. of Issuers
AAA	384,247	15%	13
AA	390,857	15%	33
A	1,305,209	51%	54
BBB	346,583	14%	56
BB	30,110	1%	4
Unrated	101,026	4%	52
<b>Total</b>	<b>2,558,032</b>	<b>100%</b>	<b>212</b>

Source : ThaiBMA (As of 26<sup>th</sup> December, 2016)

Remark : Excluded Commercial Papers (less than 1 year at issue)

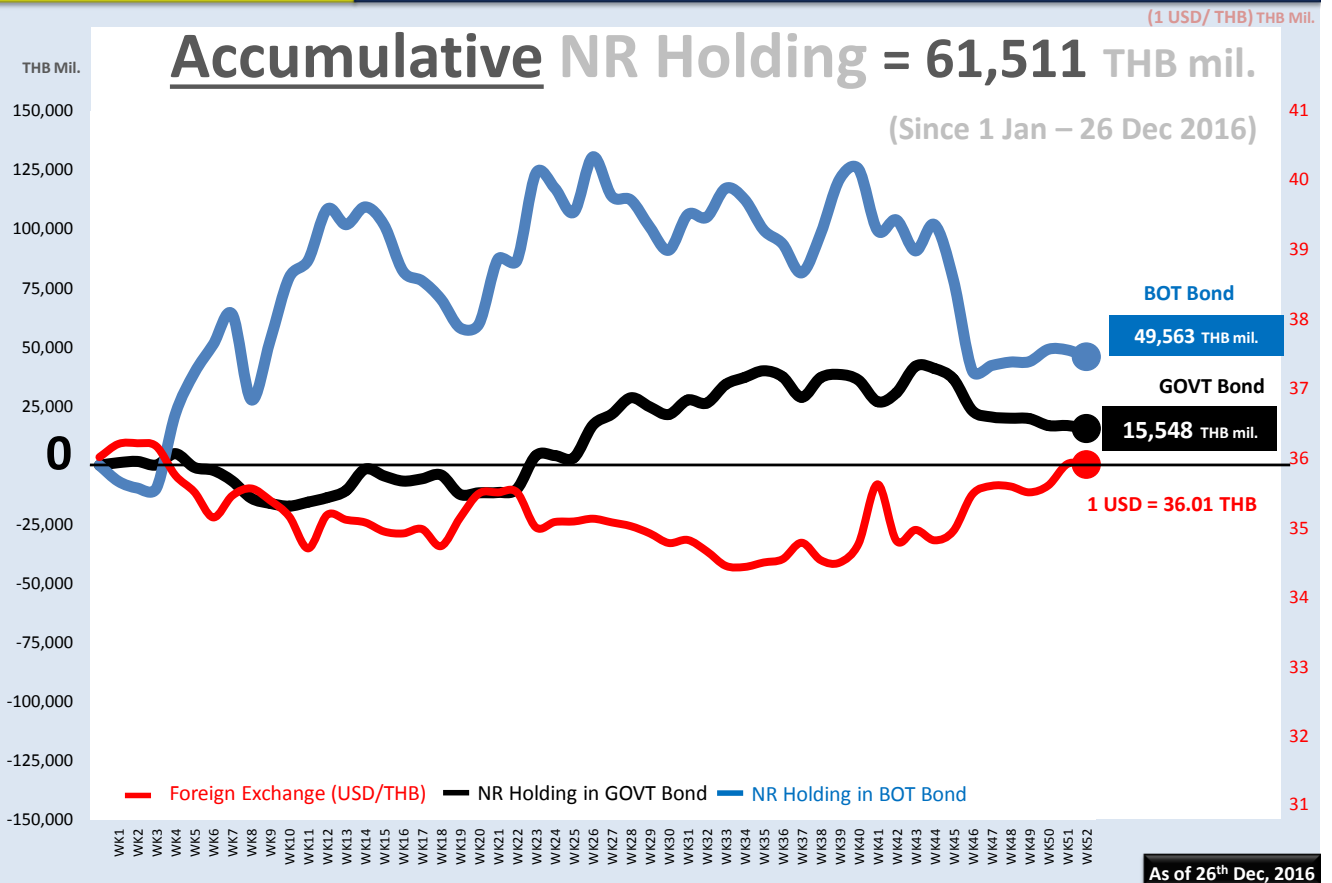
# Annual Capital Flow classified by GOVT & BOT Bond (2007 – 2016)

**61,511 THB mil.**  
(2016YTD)



## 2016 Weekly (The past 52 weeks)

## Net Change in Non-resident Holding (YTD) BOT Bond vs GOVT Bond

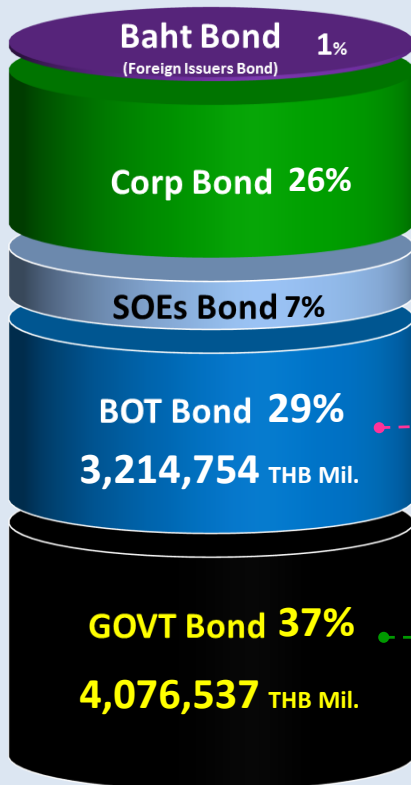




# 2016 Outstanding

Non-Resident Holding in THB Bond = **634,275 THB Mil.**

Thai Bond Market Cap.  
= 10,948,651 THB Mil.



Issuer	Non-Resident Holding (THB Million)	% Share of Thai Bond Market Cap.
GOVT Bond	570,080	5.207%
BOT Bond	63,434	0.579%
SOE Bond	63	0.001%
Corp Bond	698	0.006%
<b>TOTAL</b>	<b>634,275</b>	<b>5.793%</b>

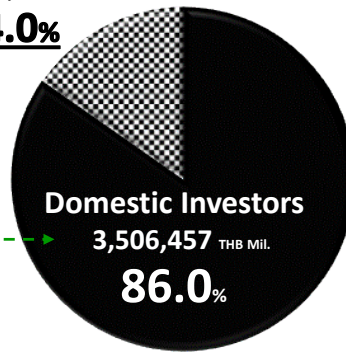
## GOVT Bond Outstanding

4,076,537 THB Mil.

Non-Resident

570,080 THB Mil.

**14.0%**



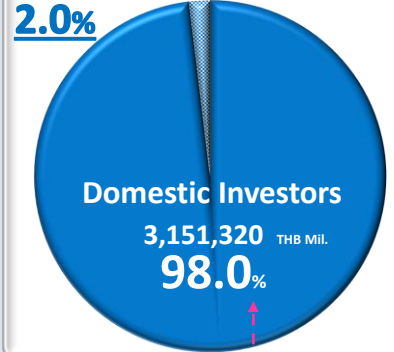
## BOT Bond Outstanding

3,214,754 THB Mil.

Non-Resident

63,434 THB Mil.

**2.0%**



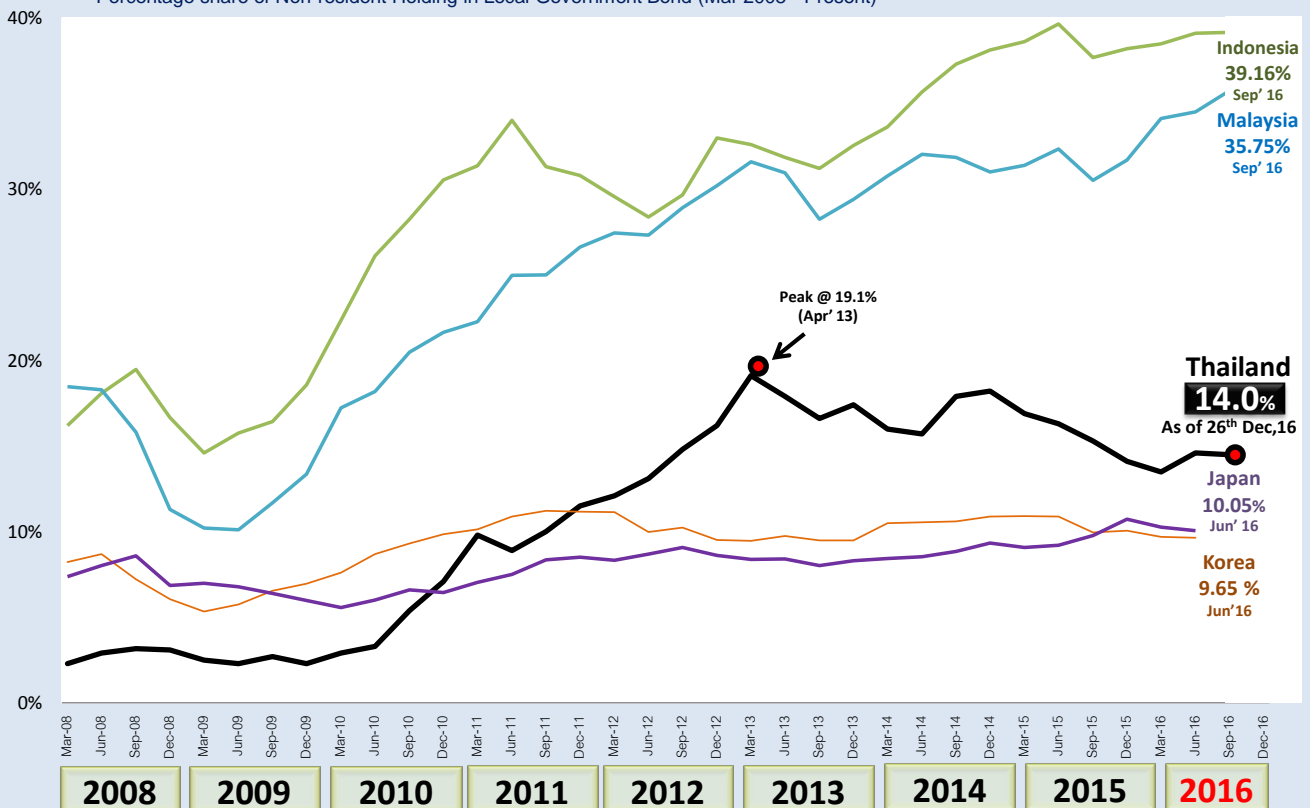
As of 26<sup>th</sup> Dec, 2016

## Peers Comparison

Non-Resident Holding in Thai GOVT Bond is 570,080 THB mil.

or **14.0%** of Total GOVT Bond Outstanding

Percentage share of Non-resident Holding in Local Government Bond (Mar 2008 - Present)



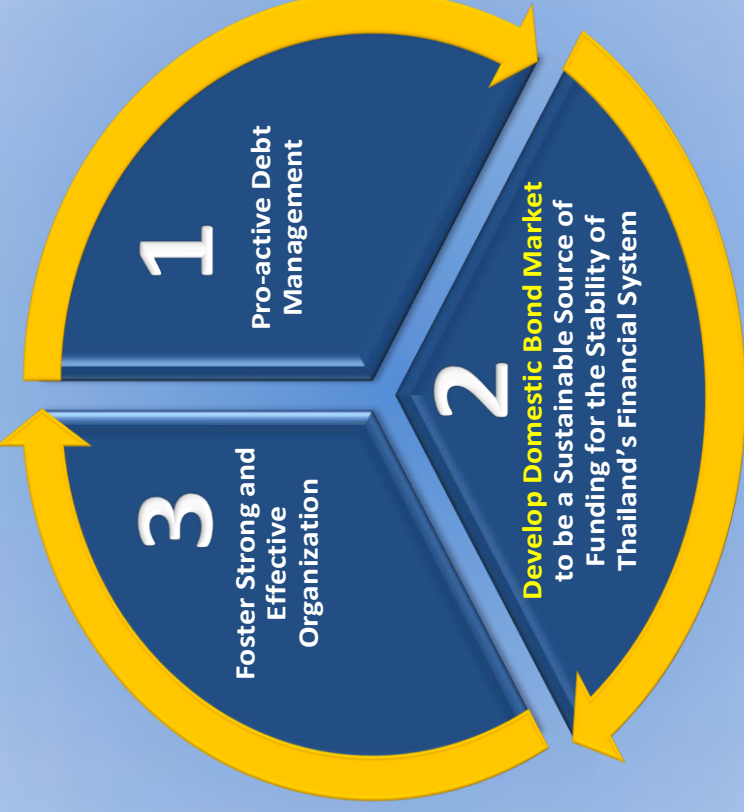
As of 26<sup>th</sup> Dec, 2016

Source : AsianBondsOnline, ThaiBMA

**Vision**  
*Professional in public debt management for sustainable development*

**Values**  
*Transparency, Discipline, Trustworthiness, Driving Social and Economic Development*

**Mission**  
*Formulate sound public debt management policies and strategies as well as conduct, monitor and evaluate public debt management operations under the relevant legal framework and guidelines*



### 3 PDMO's Strategies



# Director-General

**Suwit Rojanavanich**

## Bond Market Advisor

*Theeraj Athanavanich*  
Bond Market Advisor

## Public Debt Advisor

*Ace Viboolchareern*  
Public Debt Advisor

**Deputy Director-General**

*Sirasa Kanpittaya*

**Deputy Director-General**

*Sirasa Kanpittaya*

- Internal Audit Group
- Public Sector Development Group
- Legal Advisory Group
- Information Technology Center
- Risk Management Group

**Debt Management Bureau 1**

*Ekaraj Khuankhunsathida*  
Executive Director

**Debt Management Bureau 2**

*Pimpem Ladpli*  
Executive Director

**Policy and Planning Bureau**

*Sunee Eksomtramate*  
Executive Director

**Bond Market Development Bureau**

*Upama Jaihong*  
Executive Director

**Public Infrastructure Project Financing Bureau**

*Jindarat Viriyataveekul*  
Executive Director

**Public Infrastructure Project Management and Evaluation Bureau**

*Jindarat Viriyataveekul*  
Acting Executive Director

**Payment Administration Bureau**

*Teeralak Sangsrit*  
Executive Director

**Office of the Secretary**

*Siribha Satayanon*  
Secretary



**Senior Expert on Bond Market Development**

*Nattakarn Boonsri, Senior Expert*

- Front Office
- Middle Office
- Back Office
- Support Office

**Government Bond Market Development Division**

*Nakarin Prompat, Director*

**Economist**

*Nantachod Samarnwong*

**Economist**

*Sittan Sathianphattanakool*

**Fund Management and Bond Market Infrastructure Development Division**

*Sujitra Numthong, Acting Director*

**Economist**

*Phimonphan Tanwattana*

**Economist**

*Wanthanee Phongam*

**International Bond Market Policy Division**

*Oraporn Thomya, Director*

**Senior Economist**

*Sriarpa Ruangruchira*

**Economist**

*Puttipong Kanna*

**Financial Product Development Division**

*Nakarin Prompat, Acting Director*

**Economist**

*Phacharaporn Khotnarin*



## For Further Information :

**Upama Jaihong**                      [upama@pdmo.go.th](mailto:upama@pdmo.go.th)  
Executive Director of Bond Market Development Bureau

**Nattakarn Boonsri**                      [nattakarn@pdmo.go.th](mailto:nattakarn@pdmo.go.th)  
Senior Expert on Bond Market Development

**Oraporn Thomya**                      [oraporn@pdmo.go.th](mailto:oraporn@pdmo.go.th)  
Director of International Bond Market Policy Division

**Nakarin Prompat**                      [nakarin@pdmo.go.th](mailto:nakarin@pdmo.go.th)  
Director of the Government Bond Market Development Division

**Sujitra Numthong**                      [sujitra@pdmo.go.th](mailto:sujitra@pdmo.go.th)  
Acting Director of Fund Management and Bond Market Infrastructure Development Division