



Thai GOVT Bond Market Overview

Highlight

Special Savings Bond "Suk Gun Ter Rao" Thailand's Inaugural Bond Switching Baht Bond : The Gateway for CLMV Countries Financing

Progress Update 21 ◆ Funding Needs & Benchmark Bond Supply FY2015 23 ◆ Greenshoe Option : Privilege for MOF Outright PDs 24 ◆ Savings Bond FY2015 25 ◆ GOVT Bond Auction Schedule Q2/FY2015 26 PDMO Bond Calendar FY2015 Basic & Essentials 30 Public Debt Outstanding (as of Oct 2014) **5,640,578** THB Mil. (**46.50**% of GDP) **9,303,626** THB Mil. (**78**% of GDP) Bond Market Capitalization (as of Dec 2014) 31 34 Total GOVT Debt (Direct + FIDF) (as of Nov 2014) **3,372,107** THB Mil. (**41** Bond Series) Well-Developed Bond Market Improved GOVT Direct Debt Profile Dramatically (as of Oct 2014) 35 » Average-Time-to-Maturity (ATM) 10yrs 9mths » Average Cost 4.0% » Well-Balanced Fixed : Floating Ratio 88:12 » Well-Distributed Maturity Profile 46:17:37 (<5:6-10:>10yrs) 38 Non-Resident Holding in Domestic Bond (as of Dec 2014) » NR Holding in THB Bond **683,215** THB Mil. (**7.36**% of Thai Bond Market Cap.) 625,483 THB Mil. (**18.1**% of GOVT Bond Outstanding) GOVT Bond : 56,980 THB Mil. (2.1% of BOT Bond Outstanding) ■ BOT Bond : 752 THB Mil. Others: » Annual Capital Flow (YTD) -24,165 THB Mil.

+29,642 THB Mil.

-53.807 THB Mil.

GOVT Bond :

BOT Bond :

Special Savings Bond "Suk Gun Ter Rao"

Total Issuance: 100,000 THB mil.







Ministry of Finance

Bank for Agriculture and Agricultural Co-operatives

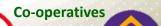
Issue Size	50,000 THB	mil.	50,000 THB mil.			
Tenor	10-Year	S	5-Years			
	1yr - 3yr	3%				
Coupon Rate (p.a.)	4yr - 7yr	4%	3.80%			
(p.a.)	8yr - 10yr	5%				
Sale Amount		1,000 – 2,000	000 THB mil.			
Eligible Customers	Only for retail and non-p Society, and the National	_	such as foundations, Thai Red Cross Welfare of Thailand			
	January 12 th – 23 rd , 2015					
Sale Period	 - 1st Period: January 12 Maximum purchasing lin at 2 THB mil./person/ba - 2nd Period: January 19 No maximum purchasin 	nit ink th – 23rd, 2015 :	- 1 st Period: January 12 th - 16 th , 2015: Maximum purchasing limit at 2 THB mil./person/bank - 2 nd Period: January 19 th - 23 rd , 2015: No maximum purchasing limit			

Distribution Channels

4 Appointed banks:

- Bangkok Bank
- Krung Thai Bank
- Kasikorn Bank
- Siam Commercial Bank

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 - Bangkok Bank
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 - Kasikorn Bank
 - Siam Commercial Bank
- Bank for Agriculture and Agricultural









Ministry of Finance



Mr. Sommai Phasee Minister of Finance

"Medical advancement and improved health care have lengthened longevity of people around the world, Thailand included. As we are moving toward "aging society", 'Suk Gun Ter Rao' savings bond with a long tenor of 10 years becomes an excellent investment opportunity for the senior citizens.

Mr. Rungson Sriworasat Permanent Secretary of the Ministry of Finance

"This special issue of savings bond allows quality and safe investment to be within reach of Thai citizens. It is an opportunity for Thai people to join hands with the government to support the country's economic development."





Mr. Kritsda Udyanin Director-General of Public Debt Management Office

"The general public can now invest in savings bond starting at only 1,000 Baht. This allows the government to expand our Investors' base, which support our effort to meet our financing needs. More importantly, it is an easy **first step** for each one of us to move towards financial discipline."

Bank of Thailand &Bank for Agriculture and Agricultural Co-operatives



Mr. Prasarn Trairatvorakul Governor Bank of Thailand

"Savings and responsible spending ensures financial discipline and security"

Mr. Luck Wajananawat
President
Bank for Agriculture and Agricultural Co-operatives

"Suk Gun Ter Rao" is the first BAAC savings bond issued to the general public. The bond is the safest investment of its kind since it is backed by a government guarantee and budget allocation for the repayment of both interest and principle.

This special issue reaffirms BAAC's role in the development of the domestic bond market and is a potential financing instrument in future.



Special Savings Bond "Suk Gun Ter Rao"



Mr. Vorapak Tanyawong President Krung Thai Bank

"Krung Thai Bank has long been one of the distributors of government savings bond. Savings bond is an investment that retail investors have shown a lot of interest in, as there is low risk. Recently, the Ministry of Finance has amended some features to promote the ease of access to savings bond for a wider range of investors with different level of income by specifying minimum investment of only 1,000 Baht. Therefore, savings bond provides investors with a low risk investment option, while ensuring consistent returns."

Mrs. Kannikar Chalitaporn President Siam Commercial Bank

"Siam Commercial Bank is delighted to take part in this special savings bond 'Suk Gun Ter Rao' as it is an opportunity for us to play our part in promoting savings in our society. This savings bond that our bank is acting as one of the distributors is low risk with appropriate returns. SCB's readiness in terms of coverage of ATM outlets and branches allows all retail investors to conveniently access savings bond. This is one of the main factors what will help ensure success of 'Suk Gun Ter Rao' savings bond."





Mr. Chartsiri Sophonpanich President Bangkok Bank

management through careful selection of assets and risk assessment is crucial each family members financial security and happiness. Savings bond can provide investors with an opportunity to invest in a bond that is extremely low risk but will also provide long term and consistent returns. It is a safe option as it is issued by public sector entities including the Ministry of Finance and/or the Bank of Thailand."

"Ensuring financial stability is of great importance to of all families, in particular during times of financial and capital market uncertainties. A well-planned financial



Mr. Predee Daochai President KASIKORN BANK

"KASIKORNBANK is pleased to be one of the distributors of savings bond as it is a low-risk investment with consistent returns. We are also proud to be a part of initiatives to lay the foundation to promote Thailand into a savings society. Apart from distributing 'Suk Gun Ter Rao' savings bond to interested investors through branches and ATMs as usual, KASIKORN BANK also provide investors an opportunity to give savings bond as a present for others. This is to deliver happiness to our acquaintances as an aspiration of this 'Suk Gun Ter Rao' savings bond."



Special Savings Bond

Mrs. Jariyaporn Klansuwan National Institute of Development Administration Savings Co-Operative Ltd.

"Our investment guidelines allow us to invest in a wide range of products, when designing our portfolio we carefully decide on products that is in the best interest of the COOP. Our investment objective is primarily concerned with generating good returns, but capital preservation is also very important to us. That is why savings bond has always been an integral part of our investment strategy as savings bond is virtually free from principle and interest repayment risks. In addition, we can also use savings bond as collateral in cash management operations with other financial institutions, therefore, it matches our needs in more ways than one."





Wat Rajabopit Sathitmahasimaram Rajaworavihara

"Savings bond generate payments every six months with no risk.
The proceeds will be used to renovate facilities in the temple compound."





"Suk Gun Ter Rao" means "happy together", my new year wish to you all.

Mr. Sommai Phasee Minister of Finance





From L to R : Mr. Sun Vithespongse, Mr. Prasit Suebdhana, Mr. Amnuay Preemonwong, Mr. Chakkrit Parapuntakul



From L to R: Mr. Rungson Sriworasat, Mr. Paiboon Kittisrikangwan

From L to R : Mrs. Pannee Sathavarodom, Mr. Wisudhi Srisuphan, Mr. Manas Jamveha

"The big 4 banks are like rivers of capital providing finance for our economy to prosper."

Mr. Sommai Phasee
Minister of Finance





The MOU signing ceremony between 4 appointed banks, BAAC and BOT witnessed by Minister of Finance and PDMO's DG.



1. Mr. Sommai Phasee

2. Mr. Wisudhi Srisuphan

3. Mrs. Pannee Sathavarodom

4. Mr. Sun Vithespongse

5. Mr. Rungson Sriworasat

6. Mr. Chakkrit Parapuntakul

7. Mr. Amnuay Preemonwong

8. Mr. Prasit Suebdhana

9. Mr. Manas Jamveha

10. Mr. Kritsda Udyanin

11. Mr. Ace Viboolcharern

12. Mr. Paiboon Kittisrikangwan

13. Mr. Bordin Unakul

14. Mr. Tada Phutthitada

15. Mr. Luck Wajananawat

16. Mr. Vorapak Tanyawong

17. Mrs. Kannikar Chalitaporn

18. Mr. Chartsiri Sophonpanich

19. Mr. Preedee Daochai

20. Mr. Thiti Tantikulanan

Minister of Finance (Ex PDMO's Executive)

Deputy Minister of Finance

Advisor to the Minister of Finance (Ex PDMO's Director-General)

Secretary to the Minister of Finance (Ex PDMO's Executive)

Permanent Secretary, Ministry of Finance

Deputy Permanent Secretary, Ministry of Finance (Ex PDMO's Director-General)

Deputy Permanent Secretary, Ministry of Finance

Deputy Permanent Secretary, Ministry of Finance

Director-General, The Comptroller General's Department

Director-General, Public Debt Management Office

Deputy Director-General, Public Debt Management Office

Deputy Governor, Bank of Thailand

Executive Vice President, The Stock Exchange of Thailand

President, The Thai Bond Market Association (Ex PDMO's Executive)

President, Bank for Agriculture and Agricultural Co-operatives

President, Krung Thai Bank

President, Siam Commercial Bank

President, Bangkok Bank President, Kasikorn Bank

Head of Capital Market Business Division, Kasikorn Bank













- Mr. Nattakarn Boonsri, Director of Government Bond Market Division (L)
 Mr. Ace Viboolcharern, Deputy Director-General of Public Debt Management Office (R)
- 2 Dr. Pimpen Ladpli, Acting Executive Director of Bond Market Development Bureau (L) Ms. Pannee Sathavarodom, Advisor to the Minister of Finance (R)
- Mr. Luck Wajananawat, President of Bank for Agriculture and Agricultural Co-operatives (L) Mr. Kritsda Udyanin, Director-General of Public Debt Management Office (R)
- 4 Mr. Teeralak Sangsnit, Executive Director of Debt Management Bureau 2
- Mr. Theeraj Athanavanich, Executive Director of the Public Infrastructure Project Financing Bureau (L)
 Mr. Wisut Chanmanee, Executive Director of Debt Management Bureau 1 (R)
- Mr. Paroche Hutachareon, Director of Fund Management and Bond Market Infrastructure Development Division (R) Ms. Laksika Tengpratip, Fiscal Analyst (far R)
- 7 Mr. Nakarin Prompat, Acting Director of the International Bond Market Policy Division





Thailand's Inaugural Bond Switching



"...It was the largest single debt transaction in the history of the government and Thai bond market"

Mr. Nattakarn Boonsri,
Director of Government Bond Market Development Division

The launch of Thailand's First Bond switching was extremely successful. Can you please give us some background on why Bond Switching was introduced?

Over the past decade, the Public Debt Management Office (PDMO) has played a leading role in the development of the domestic bond market, which has enabled the domestic bond market to become one of the major source to raise funds for both the private sector and for the government to finance infrastructure projects. Such significant progress in bond market development required the issuance of Benchmark bonds that is sufficiently large enough (over 100,000 billion baht) to establish the yield curve and enhance liquidity.

Given the significant increase in the size of bond issuance, debt refinancing instrument will be the most crucial part to smooth out our debt portfolio. In the past, to refinance or restructure the debt, we have relied on Back to Back financing on the day of the maturity of the bond and Pre-funding within one year prior to the maturity date. These transactions have proved to be adequate but we needed various tools that can help further support future bond market development initiative. We then explored the possibility of using bond switching and found it to be as effective as current tools in reducing refinancing risk and to avoid bunching of debt. But the main difference is that bond switching can prevent refinancing risks while at the same time enhance liquidity in the secondary market. In addition, we also believe that it is beneficial to investors in terms of providing another option for portfolio management. This is why we felt that it can become a very effective and useful tool.



How does Bond switching work?

In order to understand the mechanism of bond switching, allow me to explain some key terms;

1) "Source Bond" is a Bond that has been identified by PDMO to be restructured and 2) "Destination Bond" is bond with longer maturities that can be either an "on the run" existing benchmark or a newly issued bond. Bond switching allows the bond holder of the source bond to exchange for the destination bond. This therefore, allows the PDMO to achieve both of objectives of supporting bond market development while at the same time prevent refinancing risks.

What were the steps taken to ensure the right bonds were selected?

When we introduce new instruments, either new product issuance or debt management tools, we always undertake thorough impact assessment and careful steps to ensure successful execution and limit any significant impact on the market. Prior to the launch, our team went through the following steps 1) Assess country examples from those with successful bond switching transactions including UK, Sweden, Germany and Australia. 2) Exchange ideas on concepts and methods with domestic investors to find the right features for the Thai market. 3) To facilitate the transaction, an understanding between all agencies involved needed to be reached on concept, accounting, pricing and operation of the exchange on bonds. 4) Finally, we identify the appropriate Source bond and Destination bond. For Thailand's first bond switching on the 28 November 2014, we chose the LB155A with remaining maturities of 6 months as the Source bond and identified four maturities (3-24 years) for the Destination Bond (Table 1). The wide ranging maturities ensure that all types of investors are covered including financial instrument, mutual funds, long term investors and Non-Residents.

Table 1: Bond Switching Amount Classified By Destination Bond

Bond	Maturity Date	New Issued Amount (THB Mil.)	Percentage
LB176A	2 Yrs. 6 months	22,683	32
LB191A	4 Yrs. 1 month	20,883	30
LB21DA	7 Yrs.	9,436	13
LBA37DA	23 Yrs.	18,015	25
Total		71,017	100



Are you pleased with the results of the transaction?

Yes, we are really pleased that it was very well received by the investors as that was one of our main objectives. The transaction in an amount of 76,235 billion THB is the largest single debt transaction in the history of the government and Thai bond market. The transaction reduced the outstanding amount of LB155A by around 50%, extended the maturity from 6 months to 8 years and 9 months. The transaction also helped enhanced liquidity of the destination bonds and more importantly, the transaction did not have any negative impact on the market (Figure 1). In addition, we are also pleased to see that it has covered all types of investors as initially intended during our selection process (Figure 2).

Figure 1: Thailand's inaugural bond switching results

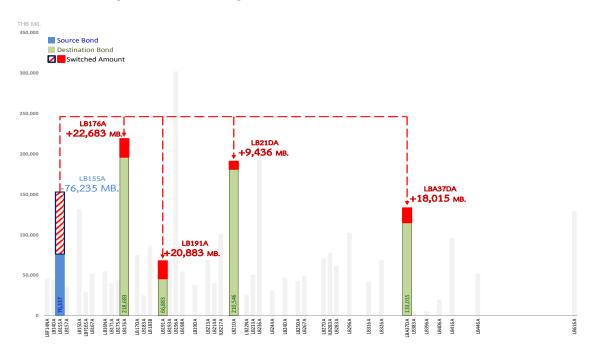
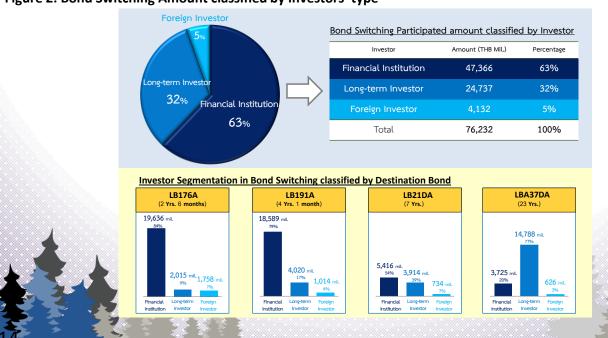


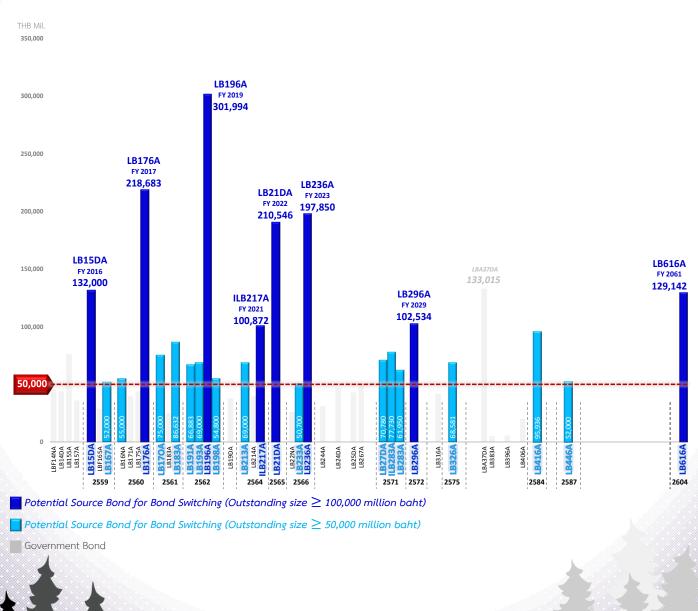
Figure 2: Bond Switching Amount classified by investors' type



What is in the pipeline for future bond switching transactions?

Given the success of the inaugural bond switching transaction, bond switching will have an important role to play in PDMO's future debt management plans in terms of reducing refinancing risks. We believe that it will be frequently used as our portfolio contains a lot of bonds with maturities more than 50,000 billion THB. In fact, the next bond switching transaction will be LB15DA with outstanding amount of 132,000 billion THB during the first half of 2015. We very much hope that the upcoming transaction will be just as successful and well received by the investors. In the meantime, we are in process of reviewing the feedbacks and relevant details to add any possible improvement for future transactions (Figure 3).

Figure 3: Potential bonds for future bond switching transaction



Baht Bond : The Gateway for CLMV Countries Financing



"...Cross border funds mobilization can open up new opportunities for infrastructure investment which is critical to enhancing connectivity and play a part in promoting inclusive growth for ASEAN"

Mr. Nakarin Prompat,
Acting Director of International Bond Market Policy Division

How important is Baht Bond to the PDMO's Bond Market Development Initiative?

The PDMO has always been committed to developing the domestic bond market and the initiatives to promote financial market integration remains high on our priority list, in particular, at a time when ASEAN will become a single market at the end of year 2015. We believe that Baht Bond will not only add diversity and scope to support domestic bond market development but more importantly, it offers our ASEAN neighbors to tap into our domestic for project financing it their own countries. Cross border funds mobilization can open up new opportunities for infrastructure investment which is critical to enhancing connectivity and play a part in promoting "inclusive" growth for ASEAN.

In order to efficiently implement Baht Bond initiative, the Baht Bond committee (the Committee) chaired by Director-General of Public Debt Management Office (PDMO), with representatives from PDMO, the Bank of Thailand (BOT) and the Securities and Exchange Commission (SEC) as committee members, has been established. Although, the initiatives started more than 10 years ago in 2004, in the early days, progress have been very gradual, but thanks to the commitment from all parties involved the Bath Bond initiatives have progressed significantly in the last few years.



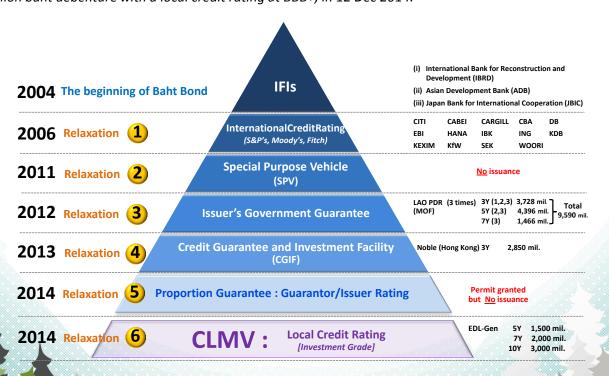


Can you please elaborate on the progress made? In particular on issues regarding which entities are now able to issue Baht Bond in Thailand?

Initially, Baht Bond issuers were limited to International Financial Institutions such as International Bank for Reconstruction and Development (IBRD), Asian Development Bank (ADB), Japan Bank for International Cooperation (JBIC). However, in order to become one of the regional financing centers, the Committee revised and gradually expanded the scope of qualifications of Baht Bond applicants for up to 6 times within the last ten years (2004-2014). Since then the committee has allowed foreign entities with a minimum of an accredited international credit rating of A- to submit applications, increasing supply of high quality bonds in the Thai market. Furthermore, to support the issuance of debt instruments under Asian bond framework, the committee has eased credit rating requirements to foreign government or agency issuers with debt guaranteed by the foreign government or Credit Guarantee and Investment Facility (CGIF), or a combination of a guarantee by CGIF and domestic credit rating of issuer's country.

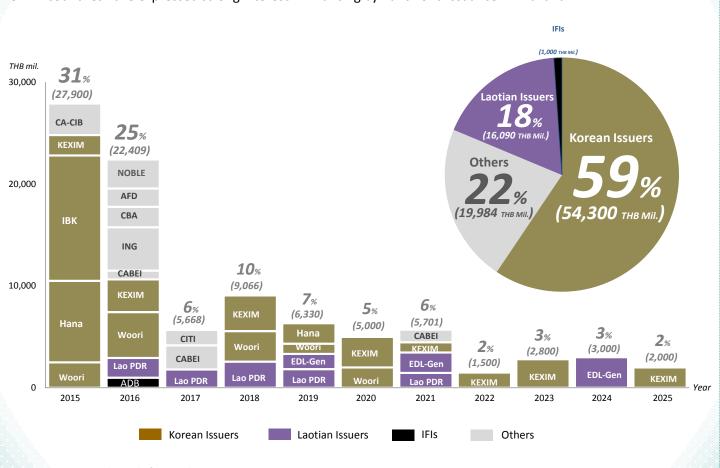
What about CLMV countries?

Recently the Baht Bond committee has facilitated the issuance of Baht Bond by entities from Cambodia, Laos PDR, Myanmar and Vietnam (CLMV). As I mentioned earlier, and I would like to stress here again that, allowing CLMV to tap into our market not only critical to promoting ASEAN financial markets integration but it also play a part in supporting inclusive growth for ASEAN countries, especially in CLMV. Applicants for Baht bond with a minimum domestic credit rating of investment grade (BBB-) of a credit rating agency approved by SEC are now eligible to apply. In order to manage adverse effects and balance of bond quality and funding cost in the local market, the Committee maintains a limit of total issuance by CLMV countries that will be revised from time to time. We are pleased that our efforts has led to EDL-Generation Public Company, a state agency from Laos PDR, successfully issued 6,500 million baht debenture with a local credit rating at BBB+, in 12 Dec 2014.



What is the current size of Baht Bond and who has issued baht bonds?

At the end of December, 2014, outstanding of Baht Bond is 91,374 million baht. Even though, it accounts for only 1% of total domestic bond market but it is a growing component with continued commitment for further enhancement from all relevant parties. More than half of Baht Bond outstanding was issued by Korean issuers, however in the past 2 years after relaxing requirements of Baht Bond applicants, there was a significant increase in Baht Bond outstanding issued by entities from CLMV counties. The government of Lao PDR has issued Baht Bond at 9,590 million baht by using the waiver of credit rating requirements to foreign government as well as the recent issuance of EDL-Generation Pubic Company. We expect more issuance in years to come as entities from CLMV countries have expressed strong interest in financing by Baht Bond issuance in Thailand.



Source: PDMO at the end of December, 2014



Guidelines for Considerations of Applicant's qualifications

The Committee has divided the evaluation criterions into two dimensions; Bond market impact (merit base) and Qualifications of applicants (qualification base). Factors of market impact that are considered include; impact to market participants, market liquidity, SWAP, baht currency fluctuation, the possibility of fund mobilization for investment in Thailand. As for qualifications, applicants must comply with MOF's policy and regulations as well as SEC's registration and disclosure requirements.

What is the application process (Rounds of consideration) for interest issuers?

After some changes since the beginning of Baht Bond, considerations of Baht Bond applications are now scheduled into 3 rounds per year. Applications must be submitted within March, July or November and the permitted applicants will be allowed to issue Baht Bond within 9 months period. Any permitted applicants that were unable to issue Baht Bond within the specific period will not be eligible to re-submit their application in the following round of the granted period.

What's next for Baht Bond?

The Ministry of Finance is planning to modify Baht Bond regulations and procedure to be consistent with global standards. It will focus on the adjustment of rounds of consideration, improvement of regulations, steps in the issuance process of Baht Bond, qualifications of countries who willing to apply for Baht Bond permission, together with the possibility of the allocation of partial fund for entities in ASEAN to be in line with entry into AEC by the end of 2015.

We are the process of considering feedbacks from previous Baht Bond arrangers, so that we can make the right improvements in terms of rules & conditions amendments to suit all relevant parties and support the year of ASEAN Economic Community.

Progress Update

- ➤ Funding Needs FY2015
- ➤ Greenshoe Option on LB21DA: Privilege for MOF Outright PDs
- Saving Bond FY2015
- GOVT Bond Auction Schedule Q2/FY2015
- PDMO Bond Calendar FY2015

By Instruments

By Bills

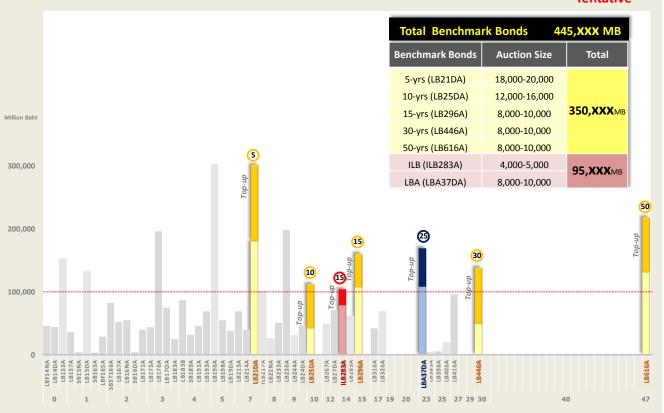
ALL FY2015 Government Bond

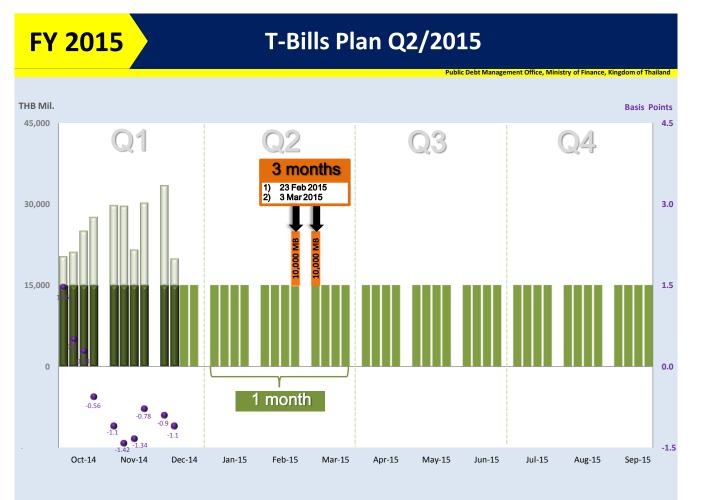
Benchmark Bonds : 5-10-15-30-50-yrs
Inflation-Linked Bonds : ILB 15-yrs

Amortized Bond : LBA 25-yrs

Public Debt Management Office, Ministry of Finance, Kingdom of Thailand

-Tentative-





Greenshoe Option

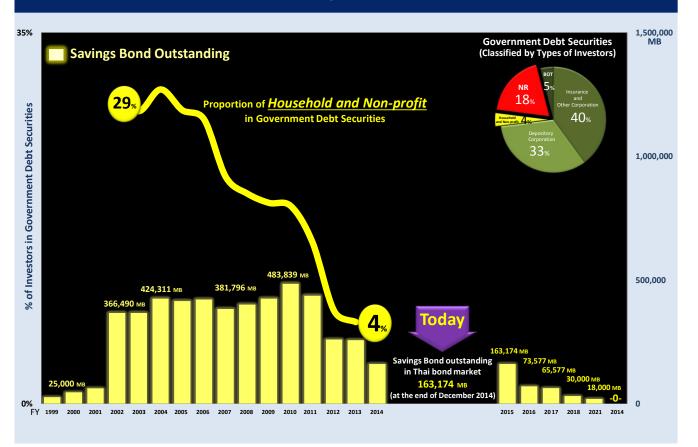
Privilege for MOF Outright PDs In FY2015

Public Debt Management Office, Ministry of Finance, Kingdom of Thailand

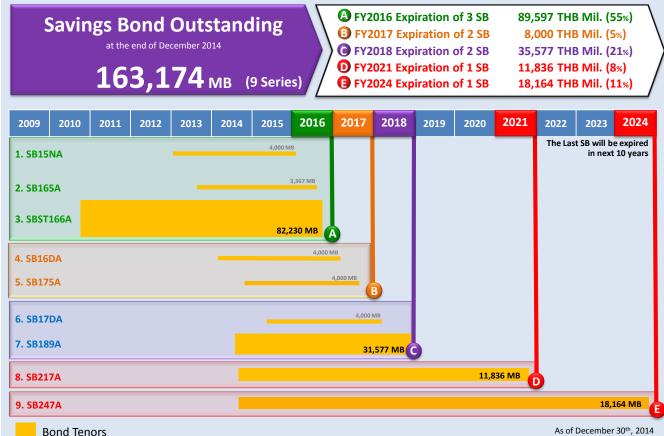
Series	LB21DA (5-Yr Benchmark Bond Exclusivity)	
Accepted Rate	Average Accepted Yield (AAY)	
Maximum Amount	Additional 20% of the allocated amount	
Exercise Period	T (After Auction Period <u>between 11.00-11.30 a.m.</u>)	
Settlement Date	T+2	



Structure Shift ... Savings Bond was a Main Instrument for Government funding under the economic crisis



Savings Bond: <u>Safe Haven</u> for Retail Investors



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Government Bond Auction Schedule for Q2/FY2015

Total	000'6	20,000	21,000		000'6	11,000	10,000	20,000	10,000		2,000	14,000	129,000		
F															
LB616A 50-yrs						9000'9							9000'9	4.85%	17-Jun-2061
LB446A 30-yrs	000'6								10,000				19,000	4.675%	29-Jun-2044
LBA37DA 25-yrs Amortized Bond					000′6								000′6	4.26%	12-Dec-2037
LB296A 15-yrs							10,000						10,000	4.875%	22-Jun-2029
ILB283A 15-yrs Inflation-Linked Bond			5,000			2,000					2,000		15,000	1.25%	12-Mar-2028
LB25DA 10-yrs			16,000									14,000	30,000	3.85%	12-Dec-2025
LB21DA 5-yrs Exclusivity		20,000						20,000					40,000	3.65%	17-Dec-2021
Auction Date	7 Jan 2015	14 Jan 2015	21 Jan 2015	28 Jan 2015	4 Feb 2015	11 Feb 2015	18 Feb 2015	25 Feb 2015	3 Mar 2015	11 Mar 2015	18 Mar 2015	25 Mar 2015	Total	Coupon	Maturity Date

หมายเหตุ : 1. LB21DA = พันธบัตรรัฐบาลเพื่อการบริหารหนีในปิงบประมาณ พ.ศ. 2558 ครั้งที่7 / พันธบัตรรัฐบาล ในปิงบประมาณ พ.ศ. 2558 ครั้งที่4)

3. ILB283A = พันธบัตรรัฐบาลประเภทอัตราดอกเปี้ยนปรหันตามการเปลี่ยนแปลงของเหินเฟือ ในปิงบประมาณ พ.ศ. 2558 ครั้งที่3 และครั้งที่4 (Re-open พันธบัตรรัฐบาลประเภทอัตราดอกเปี้ยนปรหัน

ในปีงบประมาณ พ.ศ. 2558 ครั้งที่2 (Re-open พันธบัตรรัฐบาลเพื่อการปรับโครงสร้างหนี้(พ.ร.ก. ให้อำนาจกระทรวงการคลังผู้เงินฯ พ.ศ. 2552) ในปีงบประมาณ พ.ศ. 2554 ครั้งที่1) 2. LB25DA = พันธบัตรรัฐบาลเพื่อการปรับโครงสร้างหนี(พ.ร.ก. ช่วยเหลือกองทุนเพื่อการฟื้นฟูฯ ระยะที่สอง) ในปิงบประมาณ พ.ศ. 2558 ครั้งที่ 1 / พันธบัตรรัฐบาลเพื่อการปรับโครงสร้างหนึ่

ตามการเปลี่ยนแปลงของเงินเพื่อ ในปึงเประมาณ พ.ศ. 2556 ครั้งที่2) 4. LB296A = พันธบัตรรัฐบาล ในปึงเประมาณ พ.ศ. 2558 ครั้งที่4 (Re-open พันธบัตรรัฐบาล ในปึงเประมาณ พ.ศ. 2553 ครั้งที่2)

^{5.} LBA37DA = พันธบัตรรัฐบาลประเภททยอยชำระศีนเดินต้น ในปึงบประมาณ พ.ศ. 2558 ครั้งที่2 (Re-open พันธบัตรรัฐบาลประเภททยอยชำระศีนเดินต้น ในปิงบประมาณ พ.ศ. 2556)

^{6.} LB446A = พันธบัตรรัฐบาลเพื่อการบริหารหนึ่นประมาณ พ.ศ. 2558 ครั้งที่4 / พันธบัตรรัฐบาล ในปีงบประมาณ พ.ศ. 2557 ครั้งที่3) 7. LB616A = พันธบัตรรัฐบาล ในปีงบประมาณ พ.ศ. 2558 ครั้งที่3 (Re-open พันธบัตรรัฐบาล ในปีงบประมาณ พ.ศ. 2554 ครั้งที่9)

PDMO Bond Calendar FY 2015

		Mon	Tue	Wed	Thu	Fi	Sat Sun
					2	c	4 5
		6 Auction T-bill	3	00	6	10	11 12
	Oct 2014	13 Auction T-bill	14	15	16	17	18 19
	14	20 Auction T-bill	21 Auction LB21DA (5y): 20,000 MB ILB283A (15y): 4,000 MB	22	23 Chulalongkorn Day	24	25 26
	14	27 Auction T-bill Auction T-bill	itch : Bonds	29 Auction LB296A (15y): 8,000 MB LB616A (50y): 9,000 MB	30 MOF Outright PD Committee : Annual PD's Evalution		1 2
		Baht Bond Application (1/2015)		S	9	7	σ.
Q1		10 Auction T-bill	11	12 Auction ILB283A (15y) : 4,000 MB	13	14	15 16
	Nov 2014	17 Auction T-bill	18	19 Auction LBA37DA (25y) : 10,000 MB	20	21	22 23
	14	24 Auction T-bill Auction T-bill	25	26 Auction LB446 (30y) : 9,000 MB	27		29 30
		1 Issue <u>Regular</u> Saving Bond 2/2015(3y) 4,000 MB (1 Dec 14 - 31 Mar 15)	Retail	3 Auction LB25DA (10y): 12,000 MB ILB283A (15y): 4,000 MB	4	5 H.M. the King's Birthday	6 7
		8 Auction T-bill	9 Auction LB296A (15y) : 9,000 MB	10 Constitution Day	11		13 14
	Dec 2014	15 Auction T-bill	16	17 Auction LB616A (50y): 9,000 MB	18 Quarterly PD Market Dialogue	19	20 21
	1.0	22 Auction T-bill	23	24 MPC 5	5	26	27 28
		29 Auction T-bill	30	31 New Year's Eve	1 New Year's Day	2 Public Holiday	3 4
	UI	5 Auction T-bill Auction T-bill	9	7 Auction LB446A (30γ) : 10,000 MB	_∞	6	10 11
	Jan 2015	12 <u>First</u> day Issue <u>Special</u> Saving Bond (5y and 10y) : 100,000 MB	Retail Only	14 Auction LB21DA (5y) : 20,000 MB	15	16	17 18
			20	21 Auction LB25DA (10y) : 16,000 MB ILB283A (15y) : 5,000 M9	22 MOF Outright PD Committee: Quarterly PD's Evalution	23 <u>Last</u> day Issue <u>Special</u> Saving Bond (5y and 10y): 100,000 MB	Retail 5 Only
	14	²⁶ Auction T-bill	27	A		30 Quarterly Macroeconomics Report (FPO)	31 1
		2 Auction T-bill		4 Auction LBA37DA (25y) : 9,000 MB	2	9	7 8
Q2		9 Auction T-bill	10	11 Auction LB616A (50y): 6,000 MB ILB283A (15y): 5,000 MB	12	13	14 15
	reb 2015	16 Auction T-bill	17	18 Auction LB296A (15y) : 10,000 MB	19	20	21 22
		23 Auction T-bill Auction T-bill	24	25 Auction LB21DA (5y) : 20,000 MB	26	27	28 1
		2 First day of submission for Baht Bond Application (2/2015)	3 Auction LB446A (30y) : 10,000 MB	4 Makha Bucha Day	ı.	9	7 8
		9 <u>First</u> day of submission for MOF Outright PD's Application	Auction T-bill	11 MPC	12	13	14 15
	Mar 2015	¹⁶ Auction T-bill	17	18 Auction ILB283A (15y) : 5,000 MB	19 Quarterly PD Market Dialogue	20	21 22
	14	23 Auction T-bill	24	25 Auction LB25DA (10y) : 14,000 MB	26	27 <u>Last</u> day of submission for MOF Outrieht PD's Apolication	28 29

Apr 2015 13 Songkra 20 20 20 20 20 20 20 20 20 20 20 20 20	Songkran Festival Day 14 Songkran Festival Day 21 Secular Saving Bond 2/2015(3y) Retail Only 18 (4 May - 31 Aug 15) 12 19 26	Songkran Festival Day	8 15 Songkran Festival Day	91	10 Baht Bond 2/FY2015 17	11	12
13 20 27 4,000 h 11 18 18 8 8	(Age)	Day	Songkran Festival Day		17		
27 27 4 Issue Reg 4,000 MB 11 18 25 25 15	28 28 28 29						19
27 4 Issue Rep 4,000 ME 11 18 25 25 15 16 17 18	// Retail Ang 15) Retail Only 7 - 31 Aug 15) 12 12 12 15 15 15 15 15 15 15 15 15 15 15 15 15		22	23 Long-term Investor Meeting	24	25	26
11 1.18 1.18 2.55 2.55 2.55 1.15 1.15 1.15 1.15 1.15	ing Bond 2/2015(3y) Retain Only y - 31 Aug 15) 12 12 12 19 19 19 19 19 19 19 19 19 19 19 19 19		29 MPC	30 Quarterly Macroe conomics Report (FPO)	1 National Labour Day (Only Bank closes)	2	3
11 1 2 25 1 8 8 1 15	12 19 26 26	Coronation Day	9		, ,		10
18 1 1 1 15	19		13	14	15	16	17
1 1 1 15	26		20	21 MOF Outright PD Committee : First Application's Review	22	23	24
8 8 11 15			27		29	30	31
	Visakha Bucha Day		E	4	S	9	7
	Ō		10	11	12	13	14
	16			19	20	21	22
23	24		25	26	27	28	29
30	31		1 Mid-year Bank Holiday	2 <u>First</u> day of submission for Baht Bond Application (3/2015)	e	4	2
9			8		10	11	12
Jul 2015 13	14		15	16	17	18	19
20	21		22	23	24	25	26
27	28		29 <u>Last</u> day of submission for Baht Bond Application (3/2015)	30 Asarnha Bucha Day	31 Buddhist Lent Day	1	2
3 Quarterly Mac	Quarterly Macroeconomics Report 4 (FPO)			9	7	∞	6
10			12 H.M. The Queen's Birthday	13	14 Baht Bond 3/FY2015	15	16
Aug 2015 17	18		19	20 MOF Outright PD Committee : Final Review	21	22	23
24	25		26		28	29	30
31	←		2	m	4	2	9
7	©		6	10	11	12	13
Sep 2015 14	15		16 MPC	17 Annual PDMO-Market Dialogue	18	19	20
21	22			24	25	26	27
28	29		30 MOF Outright PD License granted to a new member				

Remark: Royal Ploughing Ceremony Day- waiting for an annoucement

Basic & Essentials

Public Debt Outstanding (as of Oct 2014)

Bond Market Capitalization (as of Dec 2014)

5,640,578 THB Mil. (46.50% of GDP) **9,303,626** THB Mil. (78% of GDP)

Total GOVT Debt (Direct + FIDF) (as of Nov 2014)

3,372,107 THB Mil. (**41** Bond Series)

Well-Developed Bond Market Improved GOVT <u>Direct</u> Debt Profile Dramatically (as of Oct 2014)

» Average-Time-to-Maturity (ATM)

» Average Cost

» Well-Balanced Fixed : Floating Ratio

» Well-Distributed Maturity Profile

10yrs 9mths 4.0%

88:12

46:17:37 (<5:6-10:>10yrs)

Non-Resident Holding in Domestic Bond (as of Dec 2014)

» NR Holding in THB Bond

GOVT Bond :BOT Bond :Others :

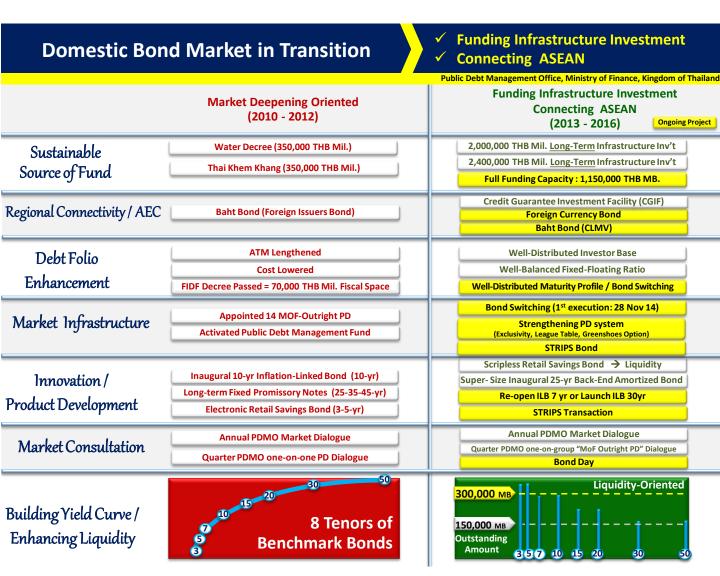
683,215THB Mil. (**7.36**% of Thai Bond Market Cap.) 625,483 THB Mil. (**18.1**% of GOVT Bond Outstanding.) 56,980 THB Mil. (**2.1**% of BOT Bond Outstanding.)

752 THB Mil.

» Annual Capital Flow (YTD)

GOVT Bond : +29,642 THB Mil.
 BOT Bond : -53,807THB Mil.

28



Public debt Outstanding (as of October 2014) = 5.64 THB Trillion (46.50% of GDP)

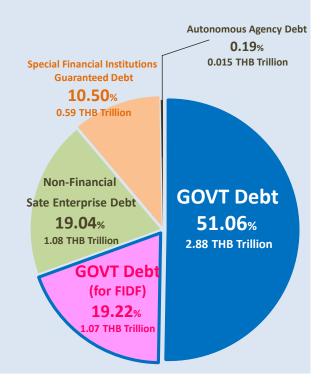
Units: THB Mil.

Public Debt Management Office, Ministry of Finance, Kingdom of Thailan

1. Government Debt (<u>excluded</u> FIDF)	2,879,968*
2. Government Debt (<u>for</u> FIDF)	1,073,848
3. Non-Financial Sate Enterprise Debt	1,083,994
4. Special Financial Institutions Guaranteed Debt	592,320
5. Autonomous Agency Debt	10,448
Public Debt Outstanding	5,640,578

*including 75,476.40 THB Mil. of External Debt

Components of Public Debt

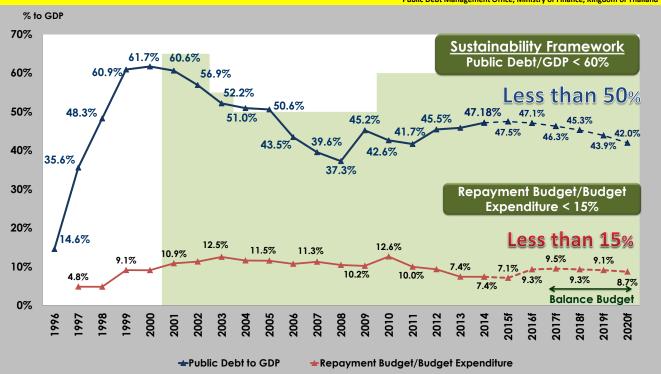


Source: Information Technology Centre, PDMO

Forecast Public Debt to GDP

Public debt projection will be in line with fiscal sustainability framework and less than 50% of GDP

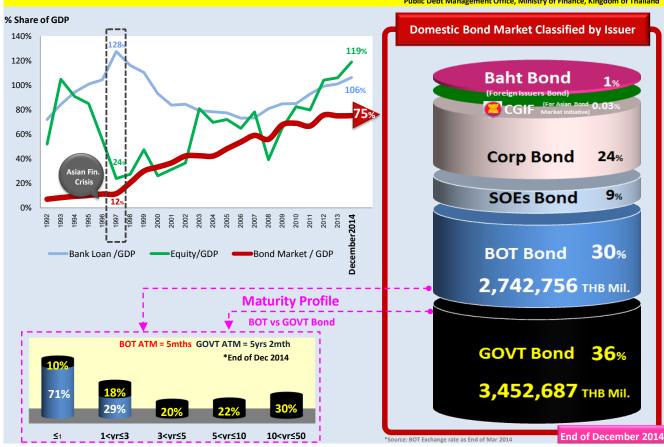
Public Debt Management Office, Ministry of Finance, Kingdom of Thailand

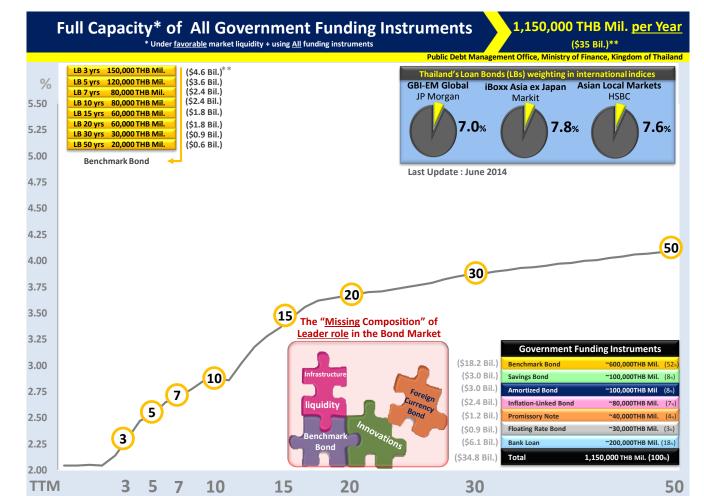


Source: Policy and Planning Bureau, December 2014, Public Debt Management Office, Ministry of Finance (Approved by the Public Debt Policy and Supervision Committee)

GOVT Bond = 3.5 THB Trillion

Public Debt Management Office, Ministry of Finance, Kingdom of Thailand





Source: ThaiBMA Government Bond Yield Curve (End of Dec 2014)

FY2007 - FY2015

Innovation of GOVT Debt Securities

30-yr Benchmark Bond

- Lengthen average-time-to-maturity of Total Government Debt Portfolio
 - Meet Long-term investors' demand
- **Floating Rate Bond**
- · Increase floating debt ratio of Total Government Debt Portfolio
- Promote BIBOR (Bangkok Interbank Offered Rate)
- **Step-up Savings Bond**
- Broaden investor base Retail investors
- Low interest burden at the initial periods of bond
- Fixed Rate Promissory Note
- Broaden investor base Insurance / Long-term investors
- Non-Benchmark tenors
- Combat low interest rate + Lengthen average time-to-maturity 50-yr Benchmark Bond
 - 4th country in the world (1st : UK 2nd : France 3rd : China)
- 10-yr Inflation-Linked Bond (ILB)
- Strong anti-inflationary signal
- Deepen the Development of the Bond market
- 1st country in Emerging Asian Economies
- **Electronic Retail Savings Bond**
- Lower Minimum Amount to Purchase / Offer throughout the year
- Develop the retail bond into an electronic form → Scripless System
- Can be purchased via ATM, in addition of Bank Retail Branches

Amortized Bond

- · Suitable financing instrument for the government's investment mega-project in the form of PPP • Pay back the bond principal by installments → Promote the government's fiscal discipline
- **Bond Switching & Consolidation**
- Allow both issuer and investors to improve their portfolio
 - Larger outstanding size + Less bond series \rightarrow Enhance liquidity in the secondary market

Upgrade PD Privileges

PDDF Activated (Public Debt Restructuring and Domestic Bond Market **Development Fund)**

15-yr ILB

Baht **Bond**

CGIF Activated (Credit Guarantee and Investment Facility)

Equilibrium of Domestic Bond Market

Public Debt Management Office, Ministry of Finance, Kingdom of Thailand

Issuers

2012-2015

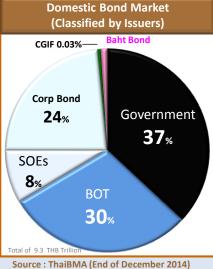
75 percent of Thailand's debt securities are issued by Government, Bank of Thailand and State-Owned Enterprises

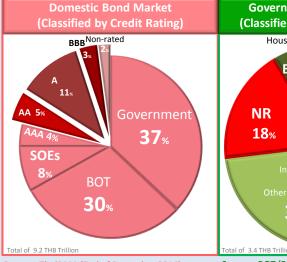
Credit Rating

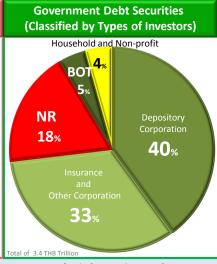
97 percent of Thailand's debt securities are classified as Investment Grade

Investors

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







Source: ThaiBMA (End of December 2014)

Source: BOT (End of November 2014)

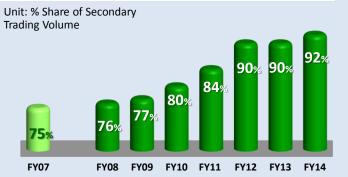
FY2008-FY2014 Key Success Indicators

- Trading Volume
 Demand Concentration
- 2. Turnover Ratio4. Auction Price

Public Debt Management Office, Ministry of Finance, Kingdom of Thailand

Benchmark Bond 5 yrs and Below: Highest secondary trading volume in every year

Top 10 GOVT Bond Series : Accounted for 90% of all GOVT bond trading volume in secondary market

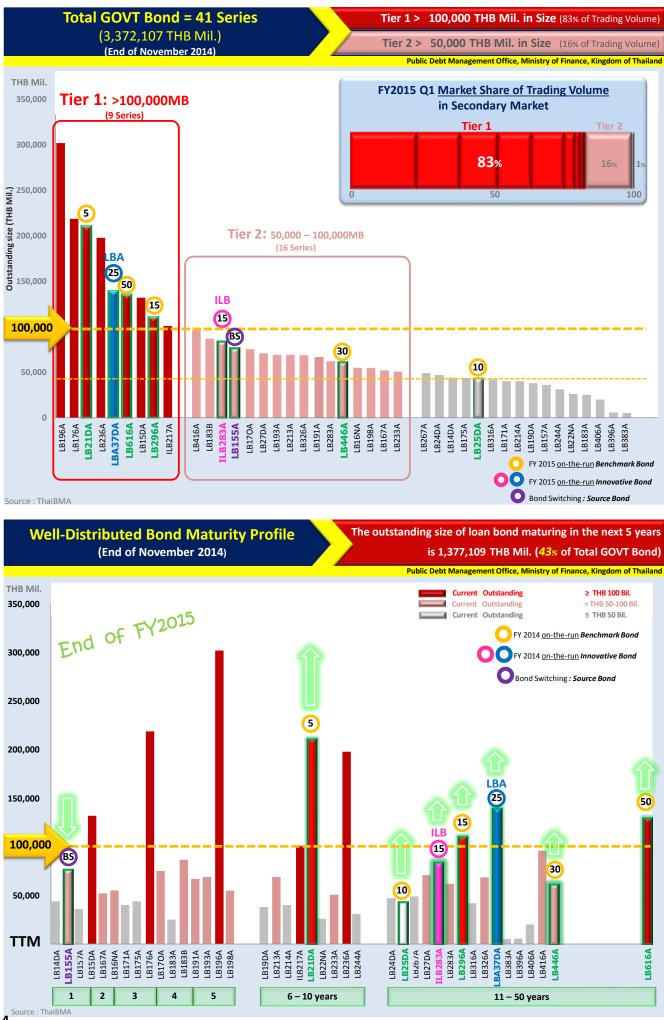


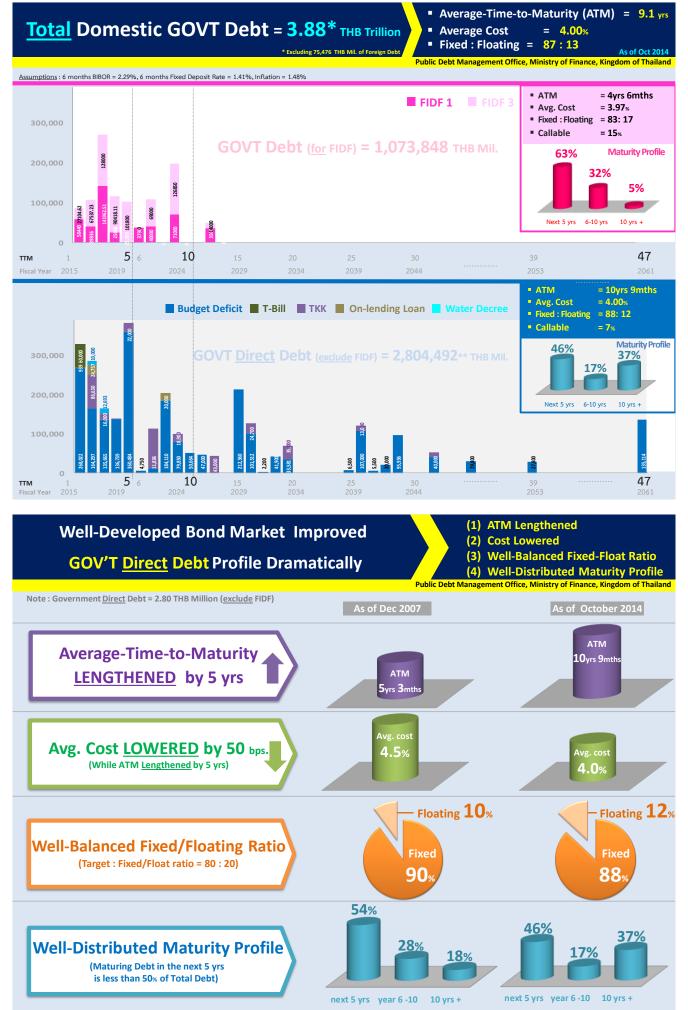
5-yr Benchmark Bond's Higher Turnover Ratio: Even the higher outstanding size, turnover ratio is still more than 2 times

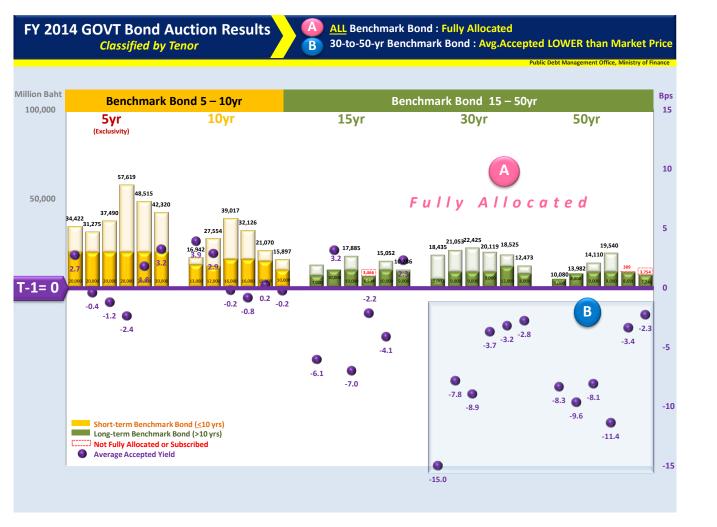


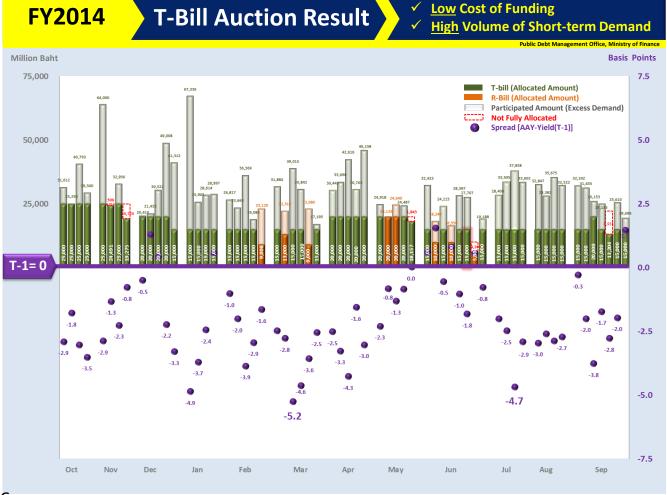
Well-Developed Benchmark Bond Pays Off: Even with greater size of issuance, the cost of funding is still at market rate





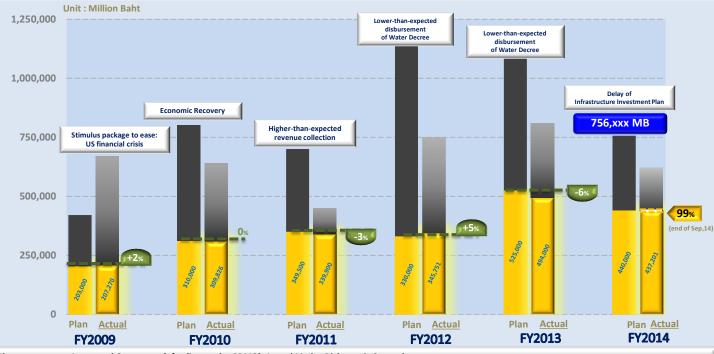






Keep our word... to get investors confidence for the plan

<u>Firm Committed</u> Supply of <u>Benchmark Bond</u> Regardless of Budget Uncertainty



Plan: Announced Government's funding need at PDMO's Annual Market Dialogues in September Actual: Actual fund raising at the end of fiscal year (calculated from announced auction)

The difference between "the announced" and "the actual" supply of benchmark bond (% share)

Benchmark Instruments are Benchmark Bonds: Standard Loan Bond (LB) tenors 5-10-15-30-50yr (in FY 2014) + Innovative Products: Inflation-linked Bond (ILB) + Amortized Bond (LBA)

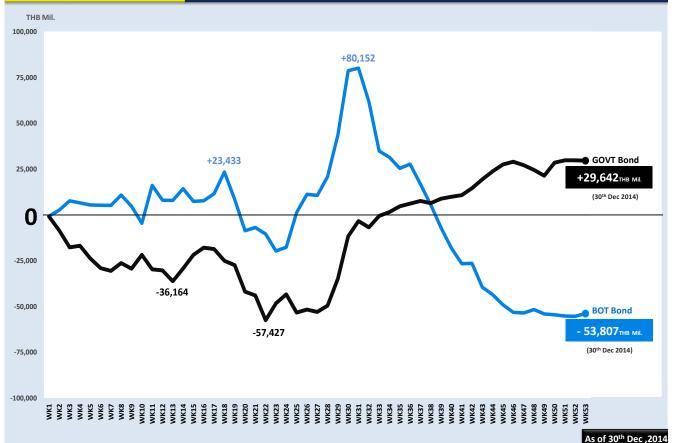
Regular issuance/ Consultation with PDs/ Pre-announced auction table

Other Instruments: Saving Bond, Floating Rate Bond, Promissory Notes, Bills and Bank Loan

Trust & Confidence

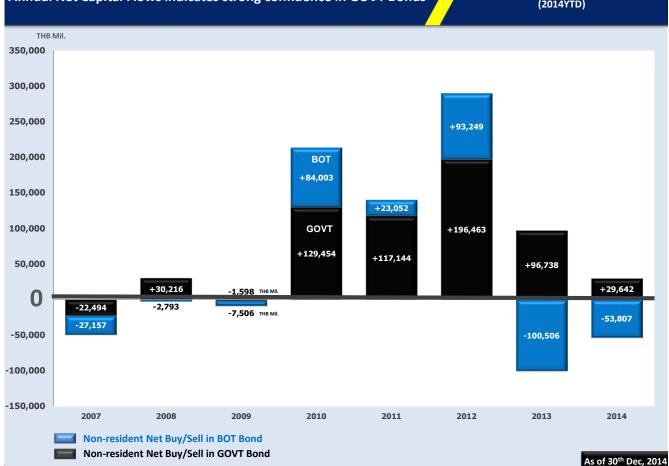


Net Change in Non-resident Holding BOT Bond vs GOVT Bond



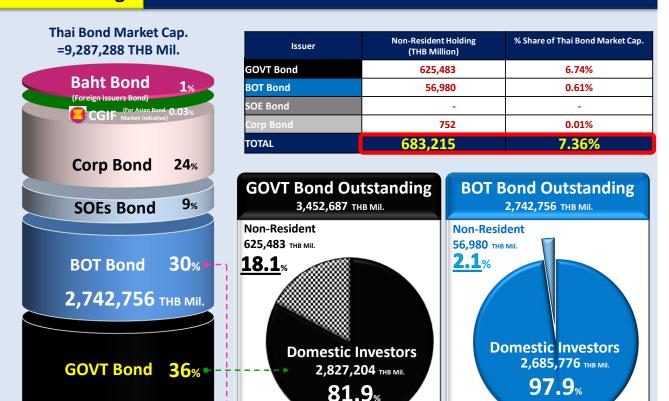


GOVT Bond +29,642 THB Mil. (2014YTD)



2014 Outstanding

Non-Resident Holding in THB Bond = 683,215 тнв мії.

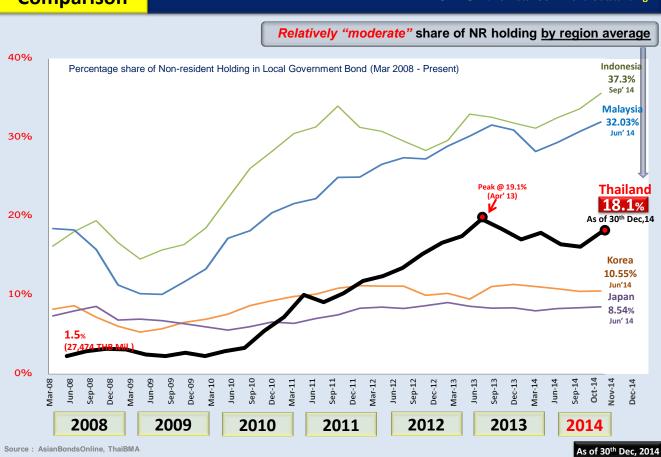


Peers Comparison

3,452,687 THB Mil.

Non-Resident Holding in Thai GOVT Bond is 683,215 THB Mil.

or 18.1% of Total GOVT Bond Outstanding



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As of 30th Dec, 2014



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

Pro-active Debt Management **Develop Domestic Bond Market** to be a Sustainable Source of **Thailand's Financial System Funding for the Stability of** Foster Strong and Organization Effective

3 PDMO's Strategies

Bond Market Advisor

Director-General

Kritsda Udyanin

Deputy Director-General

Ace Viboolcharern

Deputy Director-General

Public Sector Development Group

Internal Audit Group

Legal Advisory Group

Public Debt Advisor

Information Technology Center

Debt Management Bureau 1 Wisut Chanmanee

Executive Director

Debt Management Bureau 2 **Teeralak Sangsnit** Executive Director

Bond Market

Planning Bureau

Policy and

Acting Executive Director Development Bureau Pimpen Ladpli

> Sunee Eksomtramate Executive Director

Ð

10 3

Public Infrastructure Project Financing Bureau

Theeraj Athanavanich Executive Director

Water Management **Project Financing** Bureau

Iindarat Viriyataveekul Executive Director

Administration Bureau

Office of the

Secretary

Sirasa Kanpittaya Executive Director

Ekaraj Khuankhunsathid

Secretary



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Middle Office Front Office Back Office





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Pimpen Ladpli, Senior Expert

Bond Market Development



Nattakarn Boonsri, Director



Economist Sathianphattanakool Sittan



Fund Management and Bond Market Infrastructure

Development Division



Asava-aree Chinaros







Economist

Chaiyasena Chanikarn



Economist

Wanthanee Phongam

