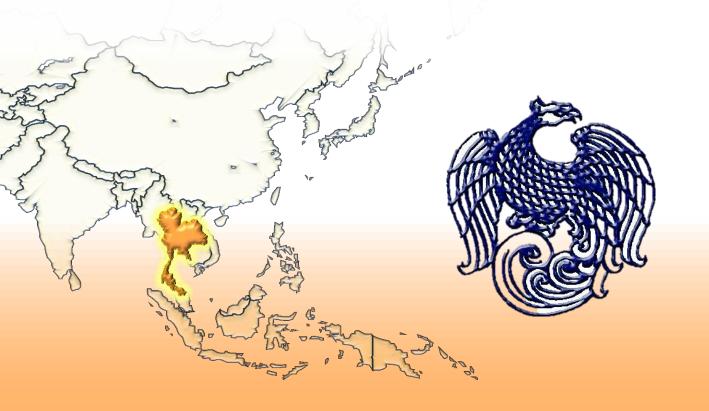
Kingdom of Thailand Bond Market Financing Thailand's Future & Connecting ASEAN



Highlights

MOF awards 2013 & ILB Achievements
Savings Bond & Money Expo 2014
Government Bond Auction Schedule Q3/FY2014
T-Bill Issuance Program

Progress Update

Greenshoe Option: MOF Outright PDs Privilege in FY2015

Bond Switching & Consolidation Work Plan

GGLB Rollover Plan

Towards ASEAN "Preferred Destination"

Basic & Essentials

- Public Debt Outstanding and Its Composition
- Bond Market Capitalization and Its Composition
- Total GOVT Bond Supply Issuing in FY2014
- Government Bond Auction Result in First Half of FY2014
- Non-Resident Holding in Domestic Bond



Domestic Bond Market Development

A. Highlights

- MOF Awards 2013 & ILB Achievements
- Savings Bond & Money Expo 2014
- Government Bond Auction Schedule Q3/FY2014
- T-Bill Issuance Program

B. Progress Update

- Greenshoe Option: MOF Outright PDs Privilege in FY2015
- Bond Switching & Consolidation Work Plan
- GGLB Rollover Plan
- Towards ASEAN "Preferred Destination"

C. Basic & Essentials

- Public Debt Outstanding and Its Composition (As of Jan 2014) = 5,466,198 THB Mil. (45.75% of GDP)
- Bond Market Capitalization and Its Composition (As of Mar 2014) = 9,202,573 THB Mil.
 (76% of GDP)
- Total GOVT Bond Supply Issuing in FY2014
- GOVT Bond Auction Result in First Half of FY2014
- Non-Resident Holding in Domestic Bond
 - NR Holding in THB Bond (As of Mar 2014) = 679,137 THB Mil.
 - (GOVT Bond: 559,677 THB Mil., BOT Bond 118,713 THB Mil., Corp Bond: 747 THB Mil.)
 - Net Change in NR Holding (Jan Mar 2014) = -28,238 THB Mil.

(GOVT Bond: Net Sell -36,164 THB Mil., BOT Bond: Net Buy +7,926 THB Mil.)

18

12

A: Highlights

- MOF Awards 2013 & ILB Achievements
- Savings Bond & Money Expo 2014
- Government Bond Auction Schedule Q3/FY2014
- T-Bill Issuance Program

MOF Awards 2013

Presented at Best Bond Awards 2013 on April 1, 2014 Organized by Thai Bond Market Association

Best Primary Market Contributor*

Winner

: Bangkok Bank Public Company Limited

Runner Ups

: Kasikorn Bank Public Company Limited

(In alphabetical order)

: Krung Thai Bank Limited



Best Secondary Market Contributor**

Winner

: Deutsche Bank AG., Bangkok Branch

Runner Ups

: Bangkok Bank Public Company Limited

(In alphabetical order)

: Citibank N.A.



^{*}Highest percentage share of allocation of all GOVT Bonds issued in FY2013 in the primary market.

**Highest percentage share of trading of all GOVT Bonds issued in FY2013 in the secondary market.

There are approximately 25-30 participants in the market.

MOF Awards 2013

Presented at Best Bond Awards 2013 on April 1, 2014 Organized by Thai Bond Market Association

Best Ministry of Finance's Counterparty***

Winners
(Tied)

: Bangkok Bank Public Company Limited

: The Hongkong and Shanghai Banking Corporation Limited



Bangkok Bank PCL.

Deutsche Bank AG., Bangkok Branch





Looking Back @ ILB

💥 💎 Instrument to hedge against Asian Inflation

First and only ILB in ASEAN since 2011

Achievement awards



Deal of the Year 2013

From Best Bond Awards 2013 (Thai Bond Market Association)

(L) Dr. Prasarn Trairatvorakul, Governor, Bank of Thailand (R) Ms. Chularat Suteethorn, Director General Public Debt Management Office, Ministry of Finance 1 April, 2014

> - Best Thailand Deal 2011 - Best Local Currency Bond 2011

From Finance Asia Achievement Awards 2011

Mr. Suwit Rojanavanich, Bond Market Advisor, PDMO, MOF 2 February, 2012 (Hong Kong)





- Deal of the Year 2011
- Most Creative Issue 2011

From Best Bond Awards 2011 (Thai Bond Market Association)

(L) Dr. Prasarn Trairatvorakul, Governor, Bank of Thailand

(R) Dr. Pimpen Ladpli, Acting Executive Director, Bond Market Development Bureau

10 May, 2012 (Bangkok)



(R) Mr. Nattakarn Boonsri

Director, Government Bond Market Development Division 23 January, 2014 (Kuala Lumpur)



Best Sovereign Bond
 Deal of the Year 2013 in Southeast Asia







NNUAL DEAL & SO



• Best Local Currency Bond 2011

Outstanding Issuer of the Year 2011



ASIAMONEY

- Best Thailand Deal of the Year 2011
- Best Sovereign Bond of the Year 2011

The Most Impressive Local Currency Bond 2011





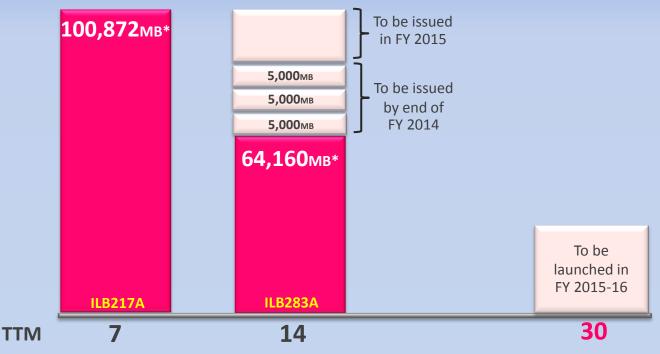
- Deal of the Year 2011
- Most Creative Issue 2011
- Deal of the Year 2013



Looking Forward

% Building up ILB283A to 100,000 MB Enforcing market making responsibility as PDs' duties Possible issuance of 30yr ILB to extend ILB Yield Curve

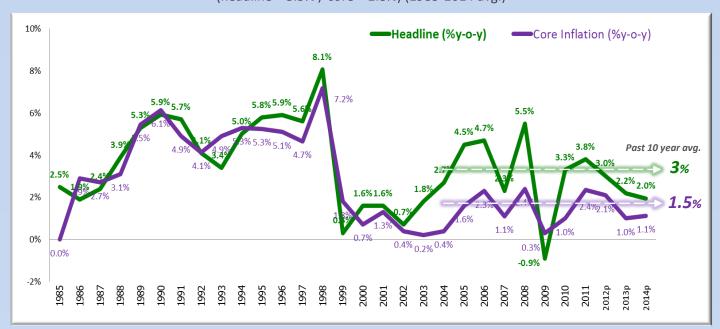
Including in global indices (1.6% weight in Barclays EMGILB Ex-Argentina Ex-Columbia Constrained Index, as of April 2014)



* Outstanding at the end of Q2/FY14

Thailand's Inflation during the past 3 decades "Moderate & Stable"

(headline = 3.5% / core = 2.8%) (1985-2014 avg.)



Source: Bank of Thailand

The Launch of

SAVINGS BOND*

(SB175A) 3-year tenor









MONEY EXPO 2014

Impact Challenger Hall 2 – 3 8th – 11th May 2014

Public Debt Management Office Booth [M2]

* Eligible for Individuals and Non-Profit Institutions such as foundations, Thai Red Cross Society, and the National Council on Social Welfare of Thailand

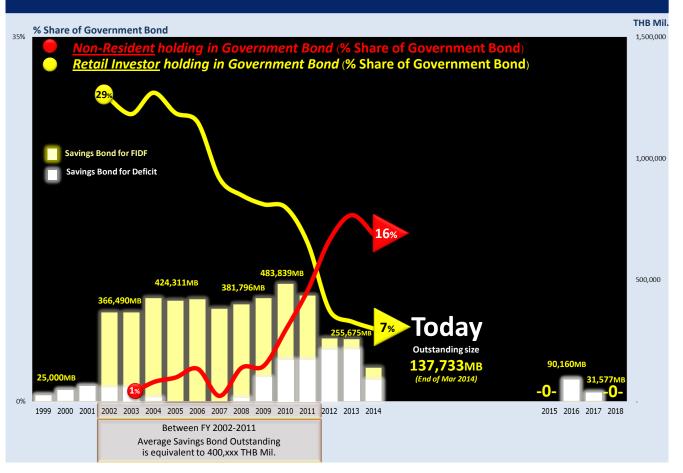


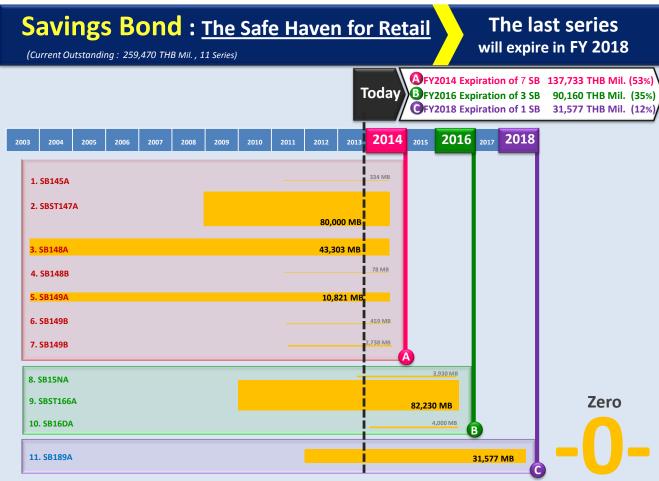
SAFE HAVEN SAVINGS BOND

See you at PUBLIC DEBT MANAGEMENT OFFICE (Booth # M2)



Structure Shift... between Non-Resident and Retail Investor Holding in GOVT BOND





Bond Tenors

Exclusivity MOF Outright PD ONLY	Inflation-Linked Bond		Government Bond Auction Schedule for Q3/FY2014	iction Schedule	for Q3/FY2014	Amortized Bond	ed Bond	
Auction Date	LB196A 5-yr	LB236A 10-yr	15-yr	LB296A 15-yr	LBA37DA 25-yr	LB446A 30-yr	LB616A 50-yr	Total
2-Apr-2014								1
9-Apr-2014	20,000		2,000					25,000
16-Apr-2014								1
23-Apr-2014								1
29-Apr-2014				10,000			0006	19,000
7-May-2014								•
14-May-2014					15,000			15,000
21-May-2014								1
28-May-2014						9,000		000'6
4-Jun-2014		16,000						16,000
11-Jun-2014	20,000							20,000
18-Jun-2014								1
25-Jun-2014							9,000	9,000
Total	40,000	16,000	2,000	10,000	15,000	000'6	18,000	113,000
Coupon	3.875%	3.625%	1.25%	4.875%	4.26%	4.675%	4.85%	
Maturity Date	13-Jun-2019	16-Jun-2023	12-Mar-2028	22-Jun-2029	12-Dec-2037	29-Jun-2044	17-Jun-2061	

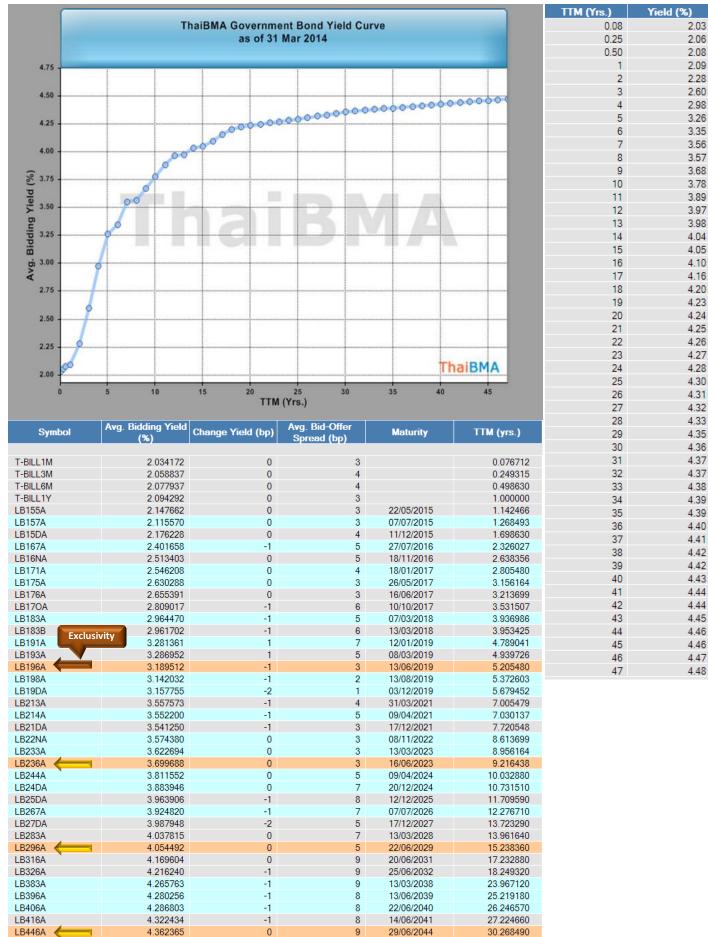
2. LB236 = พันธบัตรรัฐบาลเพื่อการปรับโครงสร้างหนึ่ ในปีงบประมาณ พ.ศ. 2557 ครั้งที่ 3 (Re-open พันธบัตรรัฐบาลเพื่อการปรับโครงสร้างหนี้ (พ.ร.ก. ช่วยเหลือกองทุนเพื่อการฟื้นฟูฯ ระยะที่สอง) ในปีงบประมาณ พ.ศ. 2553 ครั้งที่ 1) หมายเหตุ : 1. LB196A = พันธบัตรรัฐบาล ในปิงบประมาณ พ.ศ. 2557 ครั้งที่ 8 / พันธบัตรรัฐบาลเพื่อการบริหารหนี ในปิงบประมาณ พ.ศ. 2557 ครั้งที่ 4 (Re-open พันธบัตรรัฐบาล ในปิงบประมาณ พ.ศ. 2552 ครั้งที่ 13)

4. LB296A = พันธบัตรรัฐบาล ในปีงบประมาณ พ.ศ. 2557 ครั้งที่ 9 (Re-open พันธบัตรรัฐบาล ในปีงบประมาณ พ.ศ. 2553 ครั้งที่ 2)

7. LB616A = พันธบัตรรัฐบาล ในปิงบประมาณ พ.ศ. 2557 ครั้งที่ 10 / พันธบัตรรัฐบาลเพื่อการบริหารหนี้ ในปิงบประมาณ พ.ศ. 2557 ครั้งที่ 5 (Re-open พันธบัตรรัฐบาล ในปิงบประมาณ พ.ศ. 2554 ครั้งที่ 9) 6. 18446A = พันธบัตรรัฐบาลเพื่อการบริหารหนี้ ในปีงเบาระมาณ พ.ศ. 2557 ครั้งที่ 3 (Re-open พันธบัตรรัฐบาล ในปังเบาระมาณ พ.ศ. 2557 ครั้งที่ 3)

^{3.} ILB283A = พันธบัตรรัฐบาลประเภทอัตราดอกเบี้ยแปรผันตามการเปลี่ยนแปลงของเงินเฟือ ในปึงบประมาณ พ.ศ. 2557 ครั้งที่ 3 (Re-open พันธบัตรรัฐบาลประเภทอัตราดอกเบี้ยแปรผันตามการเปลี่ยนแปลงของเงินเฟือ ในปีงบประมาณ พ.ศ. 2556 ครั้งที่ 2)

^{5.} LBA37DA = พันธบัตรรัฐบาลประเภทพยอยชำระศีนผินต็นในปีงบประมาณ พ.ศ. 2557 ครั้งที่ 3 (Re-open พันธบัตรรัฐบาลประเภทพยอยชำระศีนผินต้น ในปังบประมาณ พ.ศ. 2556)



LB616A Remark

1) The above yields are based upon average bids quoted by primary dealers .

4.478012

2) Average bidding yields of 1-month, 3-month, 6-month and 1-year T-bills are bond equivalent yield converted from average simple yields.

9

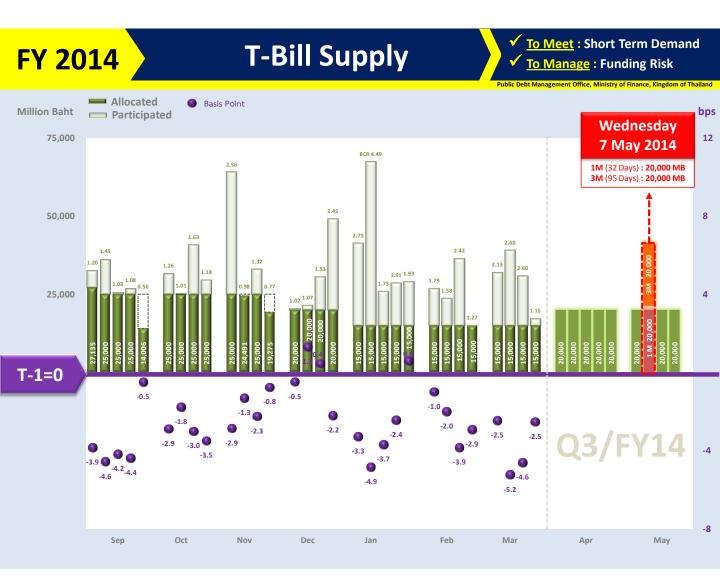
17/06/2061

47.246570

0

- 3) Spreads (bp) are differences bid and offer yields.
- 4) The cut-off time for daily quotation of T-bills and Government bonds is 16:00.
- 5) The highlighted rows are on-the-run benchmark bond.
- 6) The highlighted rows are synthetic quote statistics.

VEMENTS PUBILC DEBT MANAGEMENT OFFICE INNOVATION INFLATION-LI LINE COMMITMENT BOND MARKET DEVELOPMENT ACHIEVEMENTS PUBILC D DE CGIE DEDICATION BENCHMARK BOND FISCAL DISCIPLINE COMMITMENT B NCHMARK BOND FISCAL DISCIPLINE **COMMITMENT** BOND MARKETDEVELOPM ENT ACHIEVEMENTS PUBILC DEBT MANAGEMENT OFFICE INNOVATION INFLATIO N-LINKED BOND PIONEER PDDF CGIF DEDICATION BENCHMARK BOND FISCAL DI PDDF CGIF DEDICATION BENCHMARK BOOK FISCAL DISCIPLINAL MMITMENT LATION-LINKED BOND SPU PIONE ER PDDF (HIFVFMFN MENT OFFICE INNOVATION INFLAT CATION BENCHMARK BOND FISCAL D FISCAL DISCIPLINE COMMITMENT BOND MARKET DEVELOPMENT ACHIEVE C DEBT MANAGEMENT OFFICE INNOVATION INFLATION-LINKED BOND PIONEER BOND MARKET DEVELOPMENT ACHIEVEMENTS PUBILC DEBT MANAGEMENT OF 10 ICE INNOVATION INFLATION-LINKED BOND PIONEER PDDF CGIF DEDICATION



B: Progress Update

- Greenshoe Option: MOF Outright PDs Privilege in FY2015
- Bond Switching & Consolidation Work Plan
- GGLB Rollover Plan
- Towards ASEAN "Preferred Destination"

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

Current Privilege FY2013-2014

- Exclusivity in 5-yr tenor of Government Benchmark Bond
- MOF Preferred Counterparty
 - Quarterly dialogue with MOF of plan Bond Auction Schedule
- BOT outright counterparty
- Benefit of Incentive program from SET

"Potential" Privilege to be launched in FY2015

➢ Greenshoe Option ⇒ 5 years⇒ 10 years

Greenshoe Option

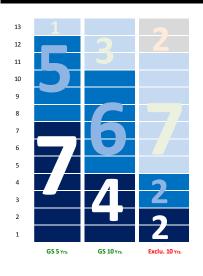
Right to buy indicated LB in

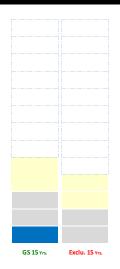
Additional of 10-20% of the allocated amount

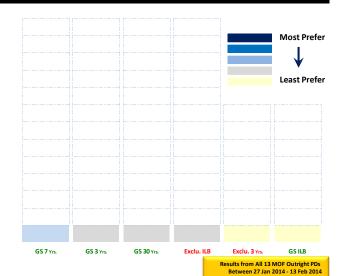
Term and Condition:

- Exercising at the AAY (Average Accepted Yield) Price
- Exercising within 1-2 days next to the auction date (T+1 to T+2)

Survey Results for Upgrade MOF Outright PD Privilege $(13/13_{PDs})$



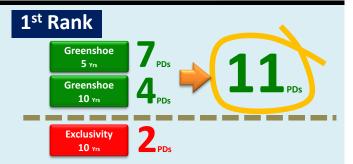




Additional MOF Outright PD Privileges Survey

1. What is the most preferable Additional Privileges?
Please Arrange 1-5 in Space By 1 = Most Prefer 2 = More Prefer 3 = Prefer 4 = Less Prefer 5 = Least Prefer

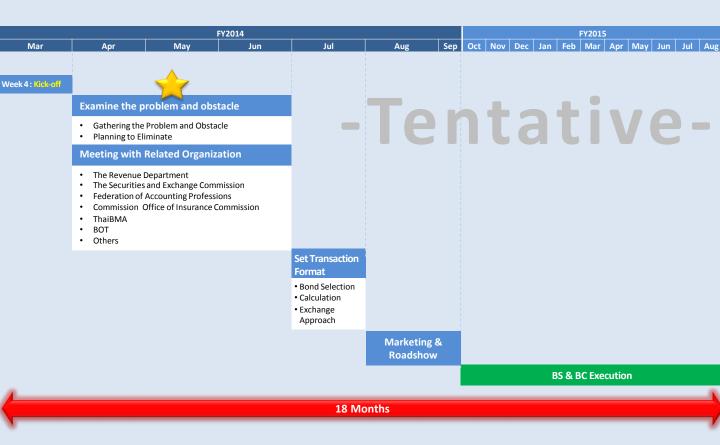
Exclusivity in 10 yr. Benchmark Bond
Exclusivity in 10 yr. Benchmark Bond Benchmark Bond Greenshoe Option in 5 yr. Benchmark Bond Greenshoe Option 10 yr. Benchmark Bond Greenshoe Option 10 yr. Benchmark Bond Greenshoe Option in other Tenor of Benchmark Bond Benchmark Bond Greenshoe Option in other Tenor of Benchmark Bond please specificyr.





Bond Switching and Bond Consolidation Timeline

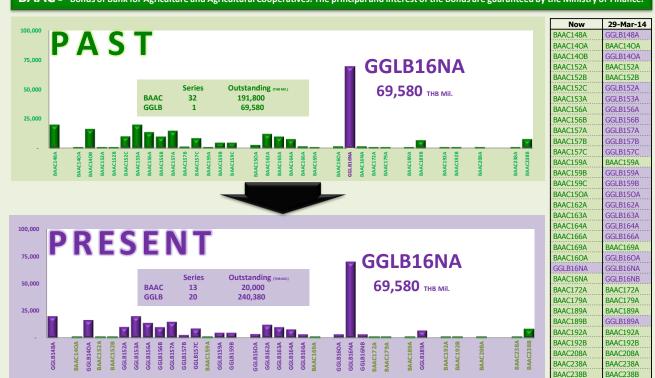
Public Debt Management Office, Ministry of Finance, Kingdom of Thailand



Code Name Changed: Almost BAAC are in the scope of GGLB

GGLB = Bonds of Bank for Agriculture and Agricultural Cooperatives. The principal and interest of the Bonds are guaranteed by the Ministry of Finance, and the Government of Thailand undertakes to make repayments of the principal and interest throughout of the Bonds in all respects

BAAC = Bonds of Bank for Agriculture and Agricultural Cooperatives. The principal and interest of the Bonds are guaranteed by the Ministry of Finance.

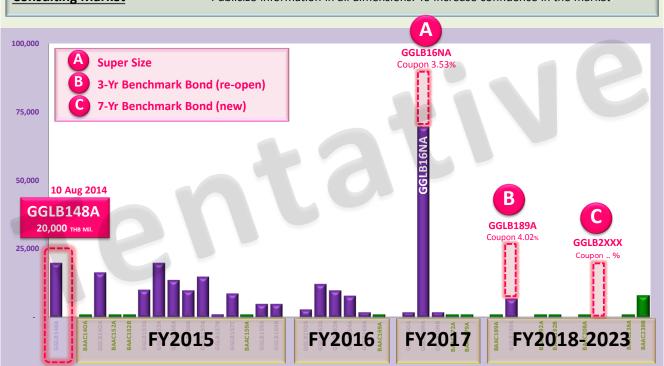


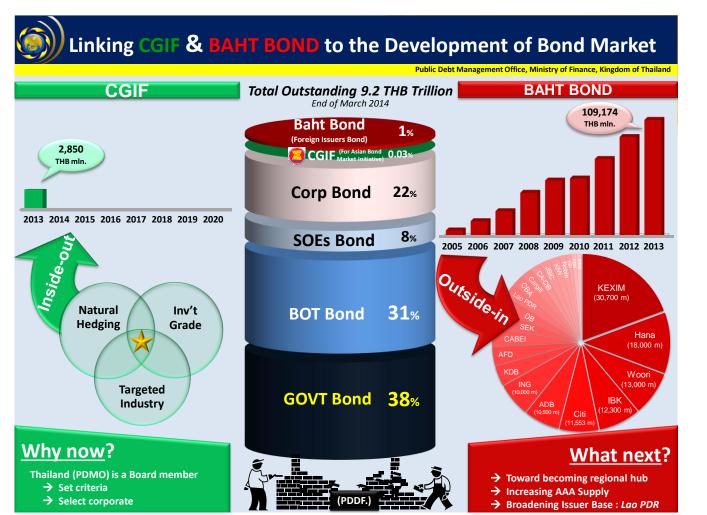
Roll Over GGLB148A Parallel with SOE Bond Development

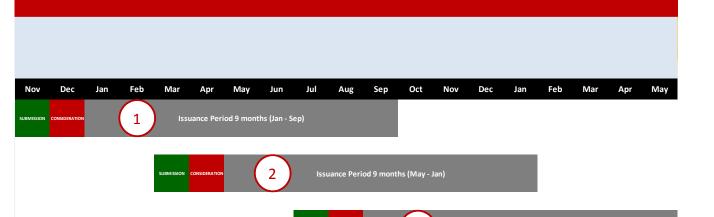
As of 27 March 2014

Building a Benchmark
Enhancing Liquidity
Consulting Market

Issue Bond Under GGLB Code to be Benchmark for SOE Bond
Re-open GGLB to Build-up Outstanding Size to Enhance Liquidity
Publicize information in all dimensions. To Increase confidence in the market



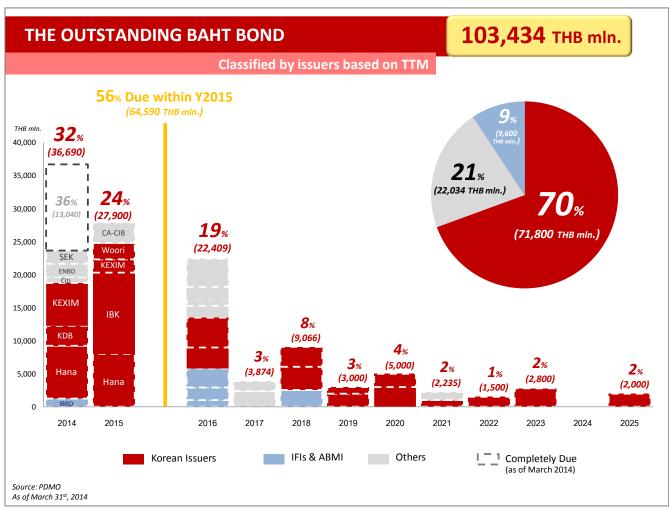


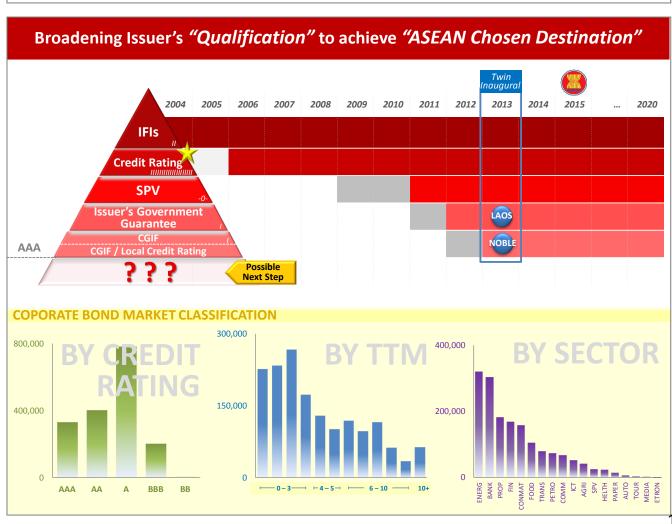


Timeline For Baht Bond Application Process

APPLICATION PROCESS: 3 rounds per year (9-mth issuance period for each round)

Issuance Period 9 months (Sep - May)



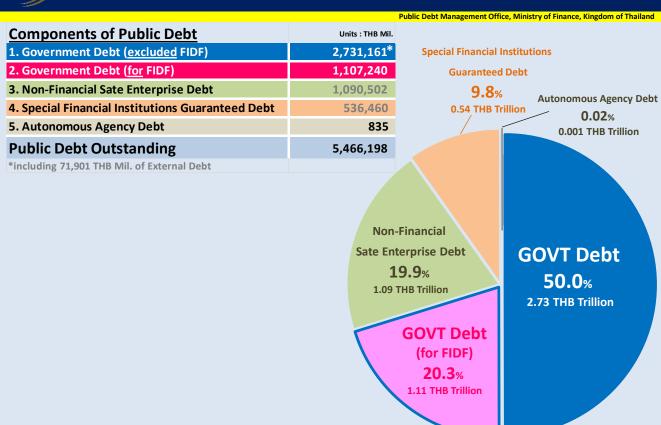


C: Basic & Essentials

- Public Debt Outstanding and Its Composition (As of Jan 2014) = 5,466,198 THB Mil. (45.75% of GDP)
- Bond Market Capitalization and Its Composition (As of Mar 2014) = 9,202,573 THB Mil. (76% of GDP)
- Total GOVT Bond Supply Issuing in FY2014
- GOVT Bond Auction Result in First Half of FY2014
- Non-Resident Holding in Domestic Bond
 - ➤ NR Holding in THB Bond (As of Mar 2014) = 679,137 THB Mil.
 (GOVT Bond : 559,677 THB Mil., BOT Bond 118,713 THB Mil., Corp Bond : 747 THB Mil.)
 - Net Change in NR Holding (Jan Mar 2014) = -28,238 THB Mil.
 (GOVT Bond : Net Sell -36,164 THB Mil., BOT Bond : Net Buy +7,926 THB Mil.)



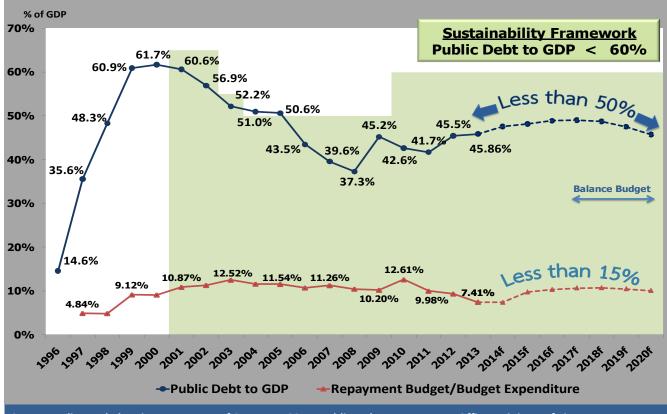
Public debt Outstanding (as of January 2014) = 5.47 THB Trillion (45.75% of GDP)

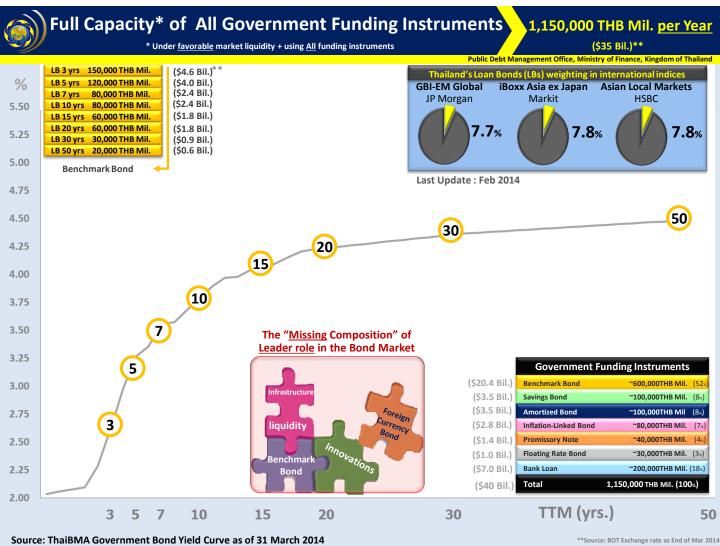




Source: Information Technology Centre, PDMO

Forecast Public Debt to GDP





*Excluding 71,901 THB Mil. of Foreign Debt

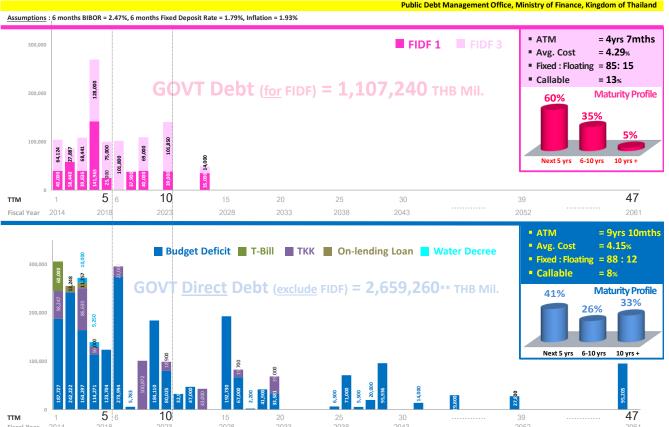
Average-Time-to-Maturity (ATM) = 8yrs 4mths

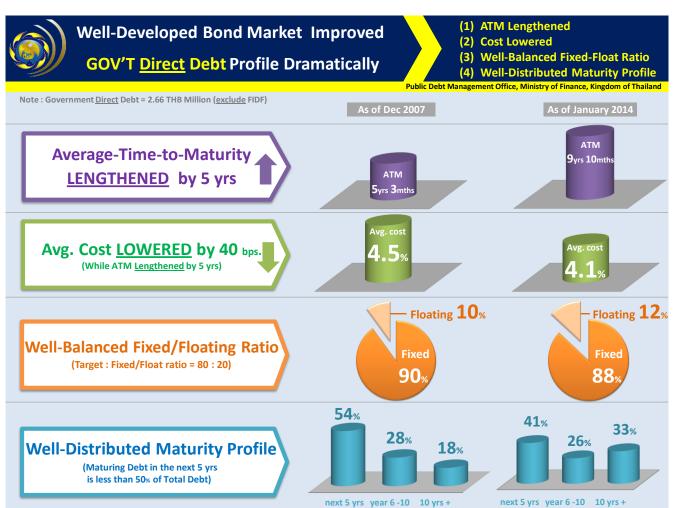
Average Cost = 4.19%

Fixed: Floating = 87:13

As of Jan 2014

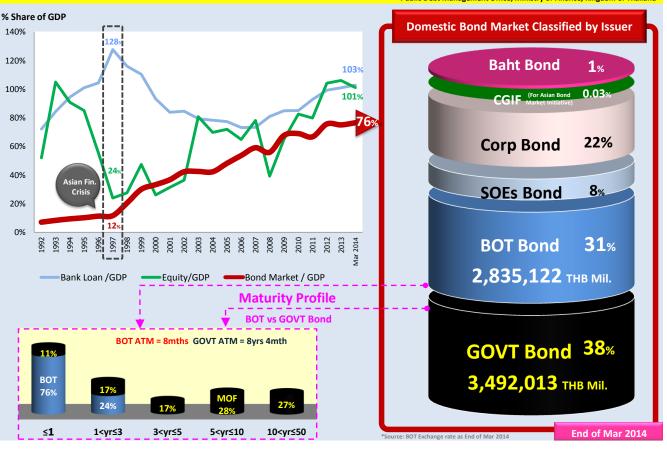
Public Debt Management Office, Ministry of Finance, Kingdom of Thailand





GOVT Bond = 3.4 THB Trillion

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

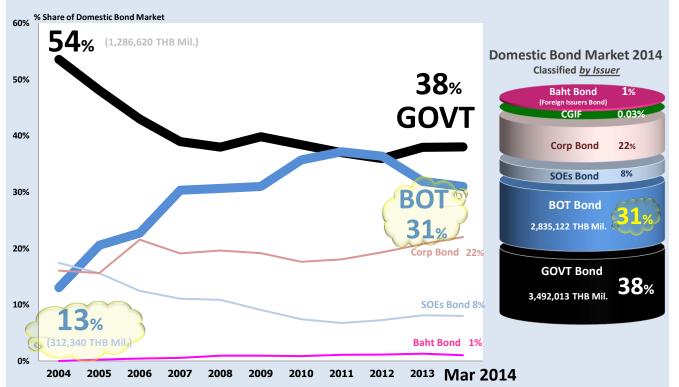




BOT Bond Supply Rose Dramatically (2004 – Mar 2014)

- ☑ Market share rose nearly... 3 Folds
- **☑** Outstanding size rose by... 9 times

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





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
- 50-yr Benchmark Bond
- Combat low interest rate + Lengthen average time-to-maturity
- 4th country in the world (1st: UK 2nd: France 3rd: China)
- Strong anti-inflationary signal 10-yr Inflation-Linked Bond (ILB)
 - 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 \rightarrow Promote the government's fiscal discipline
- **Bond Switching & Consolidation**
- · Allow both issuer and investors to improve their portfolio
- Larger outstanding size + Less bond series → 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

Management Office, Ministry of Finance, Kingdom of Thailand

Issuers

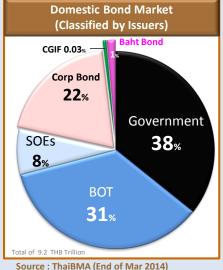
77 percent of Thailand's debt securities are issued by Government, Bank of Thailand and State-Owned Enterprises

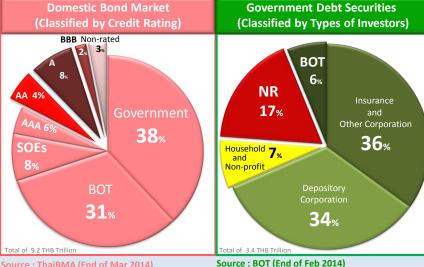
Credit Rating

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 Mar 2014)



FY2008-FY2013 Key Success Indicators

- 1. Trading Volume
- 2. Turnover Ratio
- 3. Demand Concentration 4. Auction Price

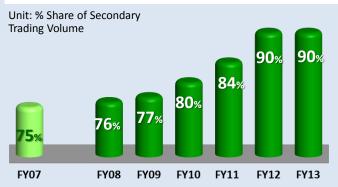
Public Debt Management Office, Ministry of Finance, Kingdom of Thailand

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

Unit: % Share of Market
Trading Volume

27%
20%
20%
21%
FY07
FY08
FY09
FY10
FY11
FY12
FY13

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

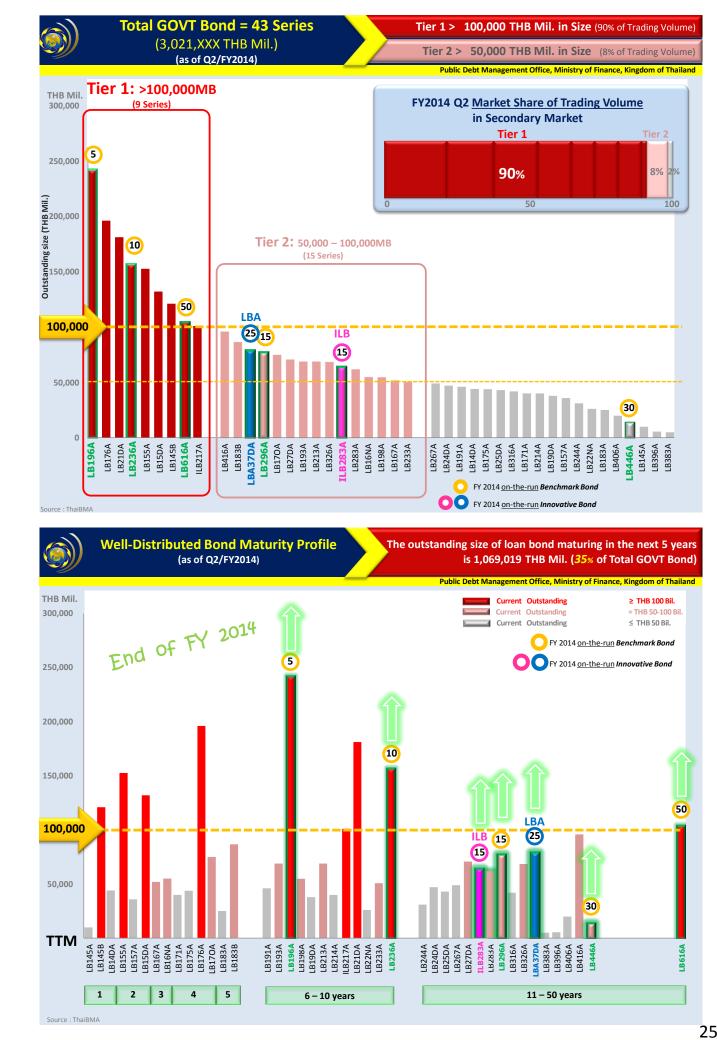


5-yr Benchmark Bond's Higher Turnover Ratio: Even the higher outstanding size, turnover ratio is still more than 2 times



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

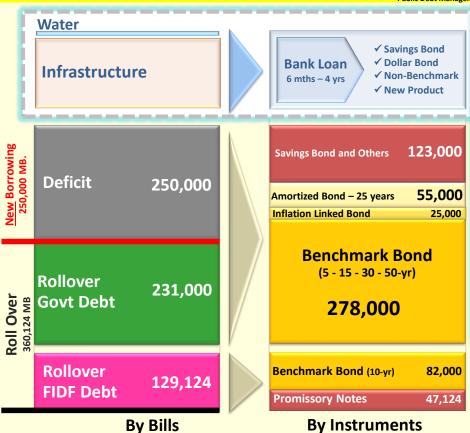




FY 2014

Total Fund Raising Plan

610,xxx THB Mil.



Q: Will the "pause" of the Water Decree and Infrastructure Bill affect the Announced **Government Bond** Supply?

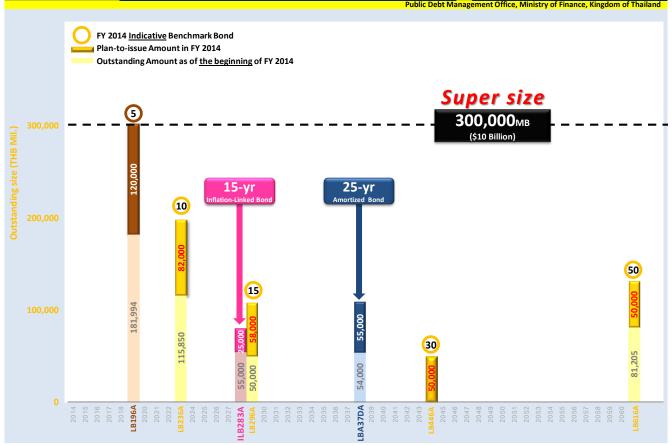
A: No, they will not. The Water Decree and Infrastructure Bill were planned to be raised through short-term "Bank Loan" which provide more flexibility and cost saving. Then, they will be converted to long-term instrument

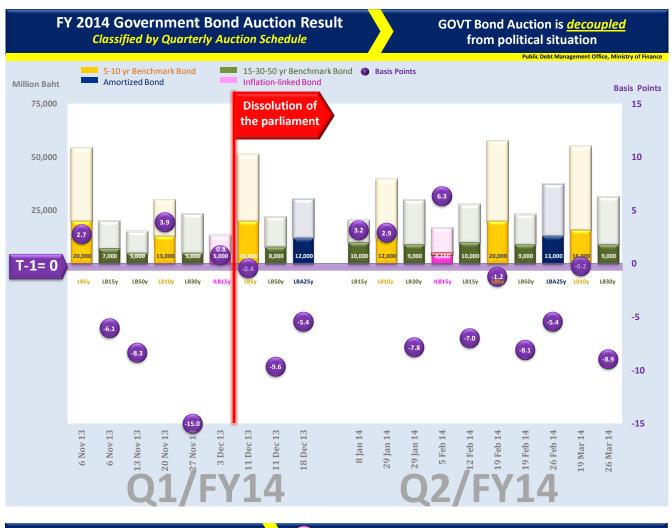
FY 2014

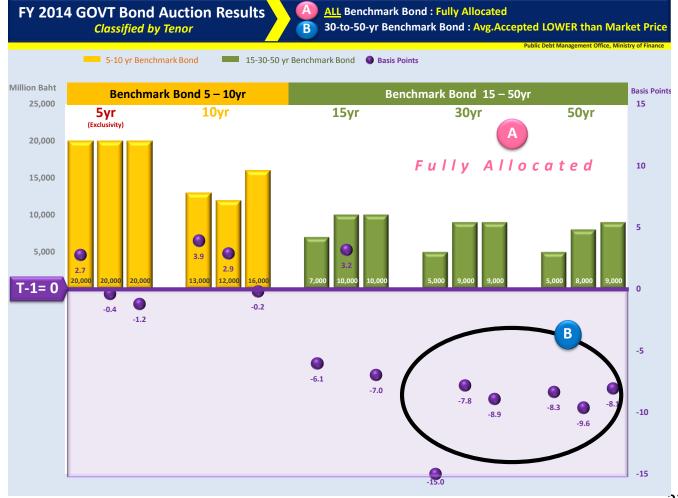
Government Bond Supply

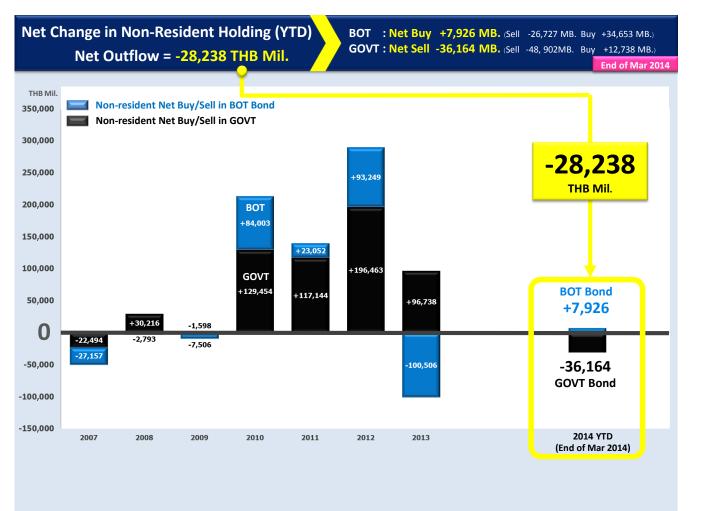
7 Fixed Coupon Bonds 5 Benchmark Bonds Series 1 Inflation-Linked Bond 1 Amortized Bond

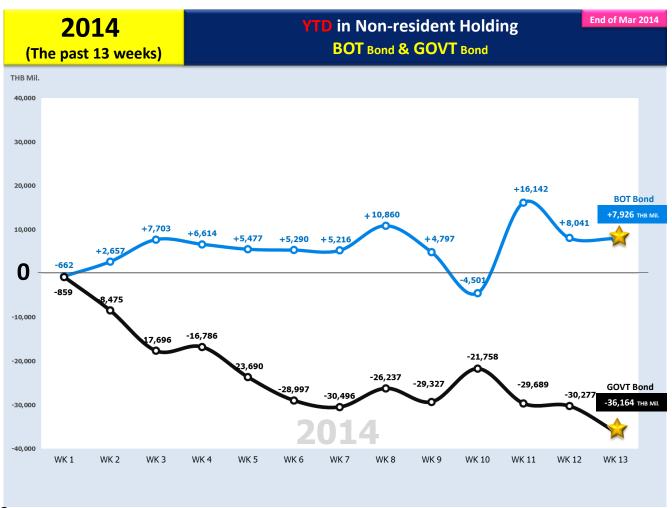
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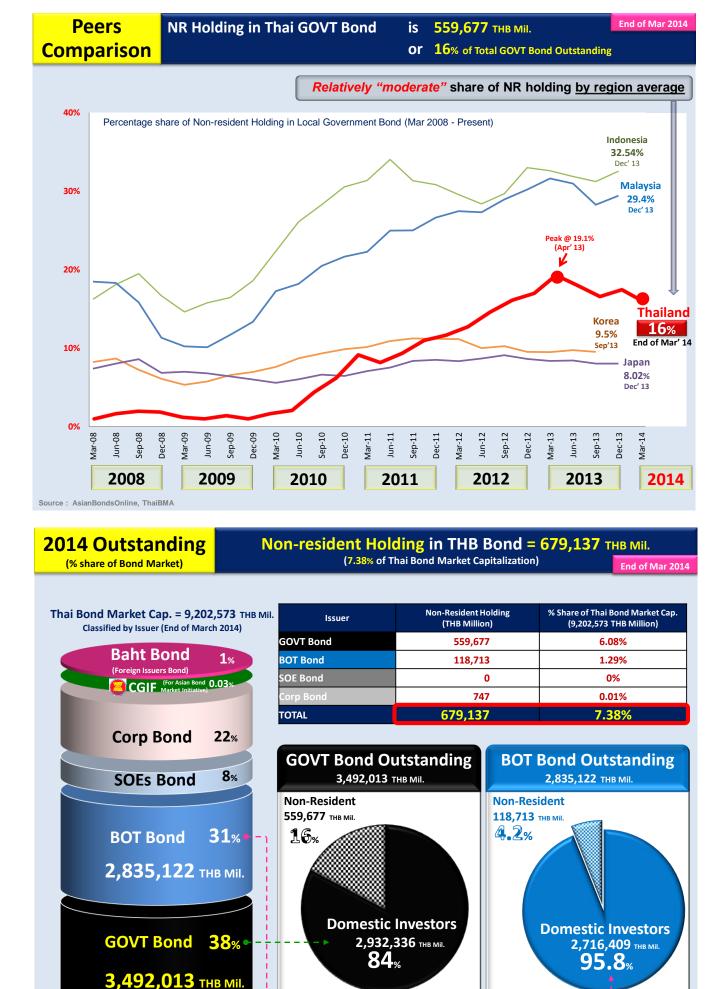














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เป็นมืออาชีพในการบริหารหนี้สาธารณะ เพื่อการพัฒนาประเทศอย่างยั่งยืน