<Reference>

Highlights of FY2009
Government Debt Management

Ministry of Finance J apan

## Historical Changes in J GB Issuance Plan (I nitial)


(Note) Figures are based on initial issuance plans.

## Breakdown of Market Issuance by J GB types


(Note) FY1997~2007: Actual figures, FY2008: Figure based on the revised issuance plan announced in Dec. 2008. FY2009: Figure based on the initial issuance plan

## Changes of Market Issuance Plan by J GB types in FY2008


(Note 1) In addition to the above plan, 40 -year, 30 -year, 20 -year, 10 -year, 5 -year, 2 -year, 15 -year floating-rate and 10 -year inflation-indexed bonds will be issued via Non-competitive price Auction $\mathbb{I}$, which will be held for JGB MarketSpecial Participants after the price(yield)competitive auction(the amount assignable to each Special Participant will not exceed $10 \%$ of the amount awarded to it in the Competitive price Auction and Non-Competitive price Auction I or the yield-Competitive Auction [10\% $\rightarrow 15 \%$ from Jan. 2009].



## Enhancing Market Liquidity



Auction for Enhanced-liquidity
-The total amount in FY2009:3.6 trillion yen

- Consideration of adding zones near current issues to the target issues


## Target Zones of the Auction for Enhanced-liquidity (for the second half of FY2008)


(Remaining maturities)
(2)Remaining maturity: approx. 16-~29-year
(1)Remaining maturity: approx. $6-\sim 15-$ year
(billion yen)


## Interest Rate of 10-year Bonds and Inflation-I ndexed Bonds, and the BEI rate




## International Comparison of I nflation-I ndexed Bonds (Unauthorized)

|  | Japan | U.S.A | U.K. | France | Germany |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Initial Issue: Term to Maturity | 2004:10-year | $\begin{gathered} \text { 1997:5•10-year } \\ \text { 1998:30-year } \\ \text { 2004:20-year } \end{gathered}$ | 1981:15-year, 25-year <br> 1982:30-year, 19-year <br> Since 1983, various bonds were issued, 38-year ( in1986 ) ~ 6-year(in1992) 2005:50-year 2007:40-year | 1998:10-year <br> 2000:30-year <br> 2004:15-year <br> 2006:4-year | $\begin{aligned} & \text { 2006: 10-year } \\ & \text { 2007: } 5 \text {-year } \end{aligned}$ |
| Amount Outstanding | 9,831.4 billion yen <br> (end of Sep. 2008) | $\begin{gathered} 535.4 \text { billion \$ } \\ \text { (end of Nov. 2008) } \end{gathered}$ | $\begin{gathered} 157.0 \text { billion£ } \\ \text { (end of Sep. 2008) } \end{gathered}$ | $\begin{gathered} 151.7 \text { billion€ } \\ \text { (end of Oct. 2008) } \end{gathered}$ | 22.0 billion $€$ <br> (Dec. 2008) |
| Percentage in the total outstanding amount | $\begin{gathered} 1.5 \% \\ \text { ( end of Sep. 2008) } \end{gathered}$ | $\begin{gathered} 9.2 \% \\ \text { ( end of Nov. 2008) } \end{gathered}$ | $\begin{gathered} 27.8 \% \\ \text { ( end of Sep. 2008) } \end{gathered}$ | $\begin{gathered} 15.2 \% \\ \text { ( end of Oct. 2008) } \end{gathered}$ | $\begin{gathered} \text { 2.4\% } \\ \text { ( Dec. 2008) } \end{gathered}$ |
| Base Index | Consumer Price Index (excluding fresh food) | Consumer Price Index | Retail Price Index | Consumer Price Index (excluding tobacco) Harmonized Index for Consumer Prices (excluding tobacco) | Harmonized Index for Consumer Prices (excluding tobacco) |
| Auction Method | Dutch (Note 3) | Dutch | Dutch | Conventional | Conventional |
| Deflation Floor (on redemption) | $\times$ | $\bigcirc$ | $\times$ | $\bigcirc$ | O |

## (Source) J apan: Ministry of Finance, U.S.A, U.K., France: Website of Debt Management Office,

 Germany: Website of Debt Management Office and Bundesbank(Note 1) Marketable Debts
(Note 2) The amount of outstanding of Inflation-Indexed Bonds in Japan, U.S.A, U.K. and France include inflation uplift.
(Note 3) If issued as a reopening, it is subject to Conventional-style.

## 15-year Floating-rate Bonds




## Market Price of 15-year Floating-rate Bonds (Recent 5 issues)



## Super Long-term Bonds as a <br> Proportion of Total Outstanding Debts


(Source) Japan:MOF Other Countries:Website of relevant governments
(Note1) Non-maketable bonds are excluded. (e.g. bonds for individual investors)
(Note2) In U.K., "40 years or more" includes perpetual gilts.
(Note3) Japan, U.K.: Sep. 2008, U.S.A.: Nov. 2008, France: Oct. 2008, Germany: Dec. 2008

## Breakdown of JGB Holders



Total 569.8 trillion yen
The end of Mar. 2004


Total 682.9 trillion yen
The end of Sep. 2008
(Note) "Banks, etc." include "Securities investment trust" and "Securities Companies".
(QE)
From preliminary figures of the end of December 2007, Banks, etc includes J apan Post Bank. Life and Nonlife Insurance includes J apan Post Insurance.

## Sales and Outstanding amount of J GB for Retail Investors (J GB-R)



|  | 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th | 14th | 15th | 16th | 17th | 18th | 19th | 20th | 21st | 22nd | 23rd | 24th |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Initial Interest Rate (Floating-rate Bonds) | 0.09\% | 0.05\% | 0.05\% | 0.77\% | 0.62\% | 0.55\% | 0.74\% | 0.74\% | 0.67\% | 0.73\% | 0.45\% | 0.55\% | 0.68\% | 0.85\% | 1.10\% | 0.92\% | 0.84\% | 0.87\% | 1.01\% | 0.85\% | 0.68\% | 0.57\% | 1.00\% | 0.69\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th |
| Interest Rate (Fixed-rate Bonds) |  |  |  |  |  |  |  |  |  |  |  |  | 0.80\% | 1.01\% | 1.30\% | 1.13\% | 1.20\% | 1.13\% | 1.50\% | 1.15\% | 0.94\% | 0.81\% | 1.22\% | 0.99\% |

(Note) Figures may not sum up to the total because of rounding.

## Overview of JGB-R



|  | Floating-rate |  |  |
| :---: | :---: | :---: | :---: |
| Purchasers | Limited to households (Subscription price: 100yen per 100 yen face value, Minimum face value unit: <br> 10,000 <br> yen) |  |  |
| Maturity | 10 -year |  | Fixed-rate |
| Redemption <br> price | 100 yen per 100 yen face value (same for redemption before maturity) |  |  |

## J GB IR Tours



MOF started overseas J GB IR Tours in Jan. 2005, and has held seminars and individual meetings, etc. in the cities listed below.


## Overseas Meetings with Institutional Investors



(Number of Investors)

Kuwait, 3
Abu Dhabi, 4 Riyadh, 3 Bangkok, 2

Doha, 3
New York, 10


(Number of Investors)
Others, 10


Copenhagen, 4
Milan, 2 Frankfurt, 4 Amsterdam/

## Consideration of Offering Interest Rate Information

Aim
(1) Debt Management Office
-Activation of the Market by offering I nterest rate information of J GB
(2) Investors etc.
-Application as an Investment decision material for general and foreign investors
—Utilization in ALM and risk management for private companies
—Improvement of convenience concerning the accession to Interest rate information by research institutes

O Issues for consideration
-Constructing a sustainable and stable framework for offering information
—Considering the methods of calculation and announcement of the Market I nterest rate

O Consideration with the prospect of making Interest rate information public during FY2009

Government-Guaranteed Bonds (J GGB) Issuance Plan (By Issuer and Maturity)
<Planned Issuance for FY2008 Initial Budget>

| (billion yen) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Issuer | 30-year | 20-year | 15-year | 10-year | 7-year | 6-year | 4-year | 2-year | Subtotal | Foreign Bonds | Total |
| Japan Finance Corporation for Small and Medium Enterprise |  |  |  | 20.0 |  | 30.0 |  |  | 50.0 |  | 50.0 |
| Japan Finance Corporation for Municipal Enterprises |  |  |  | 220.0 |  |  |  |  | 220.0 | 130.0 | 350.0 |
| Development Bank of Japan |  |  | 30.0 | 50.0 |  |  |  |  | 80.0 | 110.0 | 190.0 |
| Japan Bank for International Cooperation |  |  |  |  |  |  |  |  | - | 180.0 | 180.0 |
| Japan Finance Corporation |  |  |  | 65.0 | 40.0 | 30.0 |  |  | 135.0 | 180.0 | 315.0 |
| Deposit Insurance Corporation of Japan |  |  |  |  |  |  |  | 500.0 | 500.0 |  | 500.0 |
| Urban Renaissance Agency |  |  |  |  |  |  | 400.0 |  | 400.0 |  | 400.0 |
| Japan Expressway Holding and Debt Repayment Agency | 80.0 | 180.0 |  | 2,123.0 |  |  |  |  | 2,383.0 |  | 2,383.0 |
| Kansai International Airport Co., Ltd. |  | 20.0 |  | 25.1 |  |  |  |  | 45.1 |  | 45.1 |
| East Nippon Expressway Co., Ltd. |  |  |  | 64.4 |  |  |  |  | 64.4 |  | 64.4 |
| Metropolitan Expressway Co., Ltd. |  |  |  | 18.5 |  |  |  |  | 18.5 |  | 18.5 |
| Central Nippon Expressway Co., Ltd. |  |  |  | 107.2 |  |  |  |  | 107.2 |  | 107.2 |
| West Nippon Expressway Co., Ltd. |  |  |  | 59.4 |  |  |  |  | 59.4 |  | 59.4 |
| Hanshin Expressway Co., Ltd. |  |  |  | 7.6 |  |  |  |  | 7.6 |  | 7.6 |
| Development Bank of Japan Inc. |  |  | 60.0 | 60.0 |  |  |  |  | 120.0 | 50.0 | 170.0 |
| Central Japan International Airport Co.,Ltd. |  |  |  | 6.7 |  | 10.0 |  |  | 16.7 |  | 16.7 |
| Japan Finance Organization for Municipal Enterprises |  |  |  | 420.0 |  |  |  |  | 420.0 |  | 420.0 |
| Total | 80.0 | 200.0 | 90.0 | 3,246.9 | 40.0 | 70.0 | 400.0 | 500.0 | 4,626.9 | 650.0 | 5,276.9 |

## Government-Guaranteed Bonds (J GGB) Issuance Plan (By Issuer and Maturity)


<Planned Issuance for FY2008 2nd Supplementary Budget>

| Issuer | 30-year | 20-year | 15-year | 10-year | 7-year | 6-year | 4-year | 3-year | 2-year | Subtotal | Short Term Bonds | Foreign Bonds | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Japan Finance Corporation for Small and Medium Enterprise |  |  |  | 20.0 |  | 30.0 |  |  |  | 50.0 |  |  | 50.0 |
| Japan Finance Corporation for Municipal Enterprises |  |  |  | 220.0 |  |  |  |  |  | 220.0 |  | 130.0 | 350.0 |
| Development Bank of Japan |  |  | 30.0 | 50.0 |  |  |  |  |  | 80.0 |  | 110.0 | 190.0 |
| Japan Bank for International Cooperation |  |  |  |  |  |  |  |  |  | - |  | 180.0 | 180.0 |
| Japan Finance Corporation |  |  |  | 65.0 | 40.0 | 80.0 |  | 20.0 | 160.0 | 365.0 | $\begin{array}{\|c} \left(\Psi_{1}\right) \\ 2,000.0 \end{array}$ | 180.0 | 2,545.0 |
| Deposit Insurance Corporation of Japan |  |  |  |  |  |  |  |  | 500.0 | 500.0 |  |  | 500.0 |
| Urban Renaissance Agency |  |  |  |  |  |  | 400.0 |  |  | 400.0 |  |  | 400.0 |
| Japan Expressway Holding and Debt Repayment Agency | 80.0 | 180.0 |  | 2,123.0 |  |  |  |  |  | 2,383.0 |  |  | 2,383.0 |
| Kansai International Airport Co., Ltd. |  | 20.0 |  | 25.1 |  |  |  |  |  | 45.1 |  |  | 45.1 |
| East Nippon Expressway Co., Ltd. |  |  |  | 64.4 |  |  |  |  |  | 64.4 |  |  | 64.4 |
| Metropolitan Expressway Co., Ltd. |  |  |  | 18.5 |  |  |  |  |  | 18.5 |  |  | 18.5 |
| Central Nippon Expressway Co., Ltd. |  |  |  | 107.2 |  |  |  |  |  | 107.2 |  |  | 107.2 |
| West Nippon Expressway Co., Ltd. |  |  |  | 59.4 |  |  |  |  |  | 59.4 |  |  | 59.4 |
| Hanshin Expressway Co., Ltd. |  |  |  | 7.6 |  |  |  |  |  | 7.6 |  |  | 7.6 |
| Development Bank of Japan Inc. |  |  | 60.0 | 60.0 |  |  |  |  |  | 120.0 |  | 50.0 | 170.0 |
| Central Japan International Airport Co.,Ltd. |  |  |  | 6.7 |  | 10.0 |  |  |  | 16.7 |  |  | 16.7 |
| Japan Finance Organization for Municipal Enterprises |  |  |  | 420.0 |  |  | 300.0 |  |  | 720.0 |  |  | 720.0 |
| Total | 80.0 | 200.0 | 90.0 | 3,246.9 | 40.0 | 120.0 | 700.0 | 20.0 | 660.0 | 5,156.9 | 2,000.0 | 650.0 | 7,806.9 |

[^0]2. It could be that aforesaid plan is changed in the middle of FY2008

Government-Guaranteed Bonds (J GGB) Issuance Plan (By Issuer and Maturity)

<Planned Issuance for FY2009 Initial Budget>

| (billion yen) |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Issuer | 40-year | 30-year | 20-year | 10-year | 6-year | 4-year | 3-year | 2-year | Subtotal | Short - <br> Term <br> Bonds | Foreign Bonds | Total |
| Japan Finance Corporation |  |  |  | 75.0 | 170.0 | 165.0 | 270.0 | 525.0 | 1,205.0 | $\underset{\substack{(\mathbb{*}) \\ \hline \hline \multirow{2}{*}{\hline}\\ \hline}}{ }$ | 370.0 | 3,575.0 |
| Deposit Insurance Corporation of Japan |  |  |  |  |  | 350.0 |  | 700.0 | 1,050.0 |  |  | 1,050.0 |
| Urban Renaissance Agency |  |  |  |  |  |  | 140.0 |  | 140.0 |  |  | 140.0 |
| Japan Expressway Holding and Debt Repayment Agency | 30.0 | 90.0 | 300.0 | 1,396.0 |  |  |  |  | 1,816.0 |  |  | 1,816.0 |
| Japan Housing Finance Agency |  |  |  |  |  |  | 200.0 |  | 200.0 |  |  | 200.0 |
| Kansai International Airport Co., Ltd. |  |  |  | 15.5 |  |  |  |  | 15.5 |  |  | 15.5 |
| East Nippon Expressway Co., Ltd. |  |  |  | 36.5 |  |  |  |  | 36.5 |  |  | 36.5 |
| Metropolitan Expressway Co., Ltd. |  |  |  | 12.2 |  |  |  |  | 12.2 |  |  | 12.2 |
| Central Nippon Expressway Co., Ltd. |  |  |  | 57.9 |  |  |  |  | 57.9 |  |  | 57.9 |
| West Nippon Expressway Co., Ltd. |  |  |  | 36.4 |  |  |  |  | 36.4 |  |  | 36.4 |
| Hanshin Expressway Co., Ltd. |  |  |  | 3.5 |  |  |  |  | 3.5 |  |  | 3.5 |
| Development Bank of Japan Inc. |  |  |  | 200.0 |  |  |  |  | 200.0 |  | 130.0 | 330.0 |
| Central Japan International Airport Co.,Ltd. |  |  |  | 4.6 | 10.0 |  |  |  | 14.6 |  |  | 14.6 |
| Japan Finance Organization for Municipal Enterprises (※2) |  |  |  | 820.0 |  |  |  |  | 820.0 |  |  | 820.0 |
| Total | 30.0 | 90.0 | 300.0 | 2,657.6 | 180.0 | 515.0 | 610.0 | 1,225.0 | 5,607.6 | 2,000.0 | 500.0 | 8,107.6 |

[^1]2. Japan Finance Organization for Municipal Enterprises will be renamed in the new future
3. It could be that aforesaid plan is changed in the middle of FY2009.


[^0]:    (※) 1. Figures for Short-Term Bonds are limit amounts based on debt outstanding for FY2008 2nd Supplementary Budget.

[^1]:    (※) 1. Figures for Short-Term Bonds are limit amounts based on debt outstanding for FY2009 Initial Budget.

