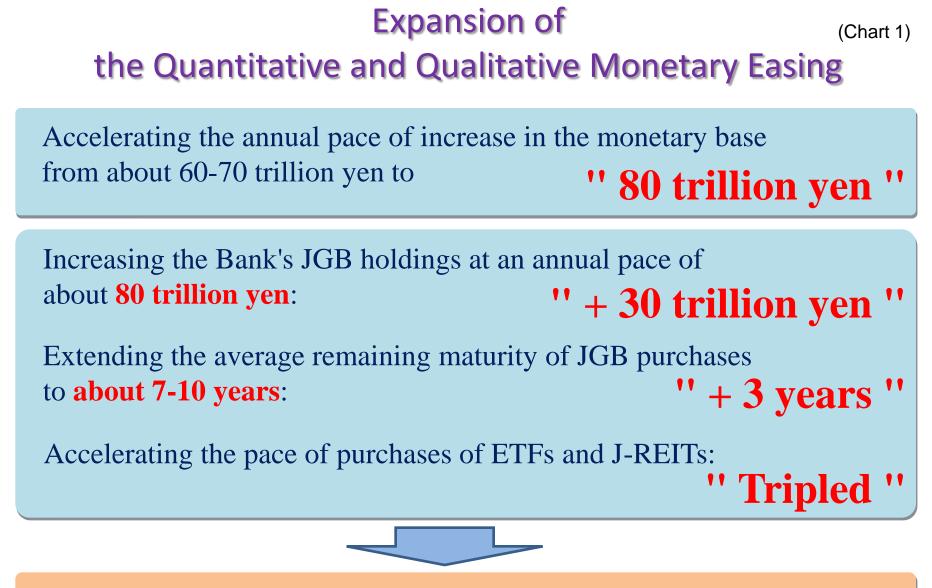
# Paris EUROPLACE Financial Forum

## November 25, 2014 Hiroshi Nakaso Deputy Governor of the Bank of Japan



Pre-empt manifestation of a risk that conversion of deflationary mindset, which has so far been progressing steadily, might be delayed

Maintain the improving momentum of expectation formation

### Heat Map of Financial Activity Indexes<sup>1</sup>

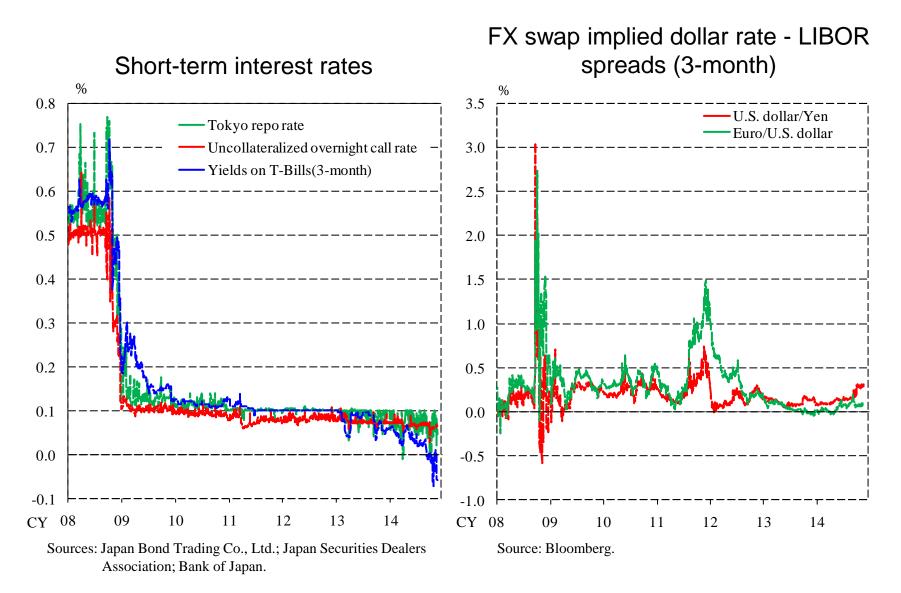
(Chart 2)

		CY 80	81	82	83	84	85	86	5 8	7 88	8 8	9 9	09	19	92	93	94	95 9	6 97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12 !	13	14
Financial institutions	DI of lending attitudes of financial institutions																																	Τ		
	Growth rate of M2																																			
Financial markets	Equity weighting in institutional investors' portfolios																																			Π
	Stock purchases on margin to sales on margin ratio			_																																
Private	Private investment to GDP ratio																																			Π
sector	Total credit-to-GDP ratio																																			Π
Household	Household investment to disposable income ratio																																	Τ		Π
	Household loans to GDP ratio																																			Π
Corporate	Business fixed investment to GDP ratio																																			
	Corporate credit to GDP ratio																																			
Real estate	Real estate firm investment to GDP ratio																																			Π
	Ratio of real estate loans to GDP																																			
Asset prices	Stock prices																																			
	Land prices to GDP ratio																																			

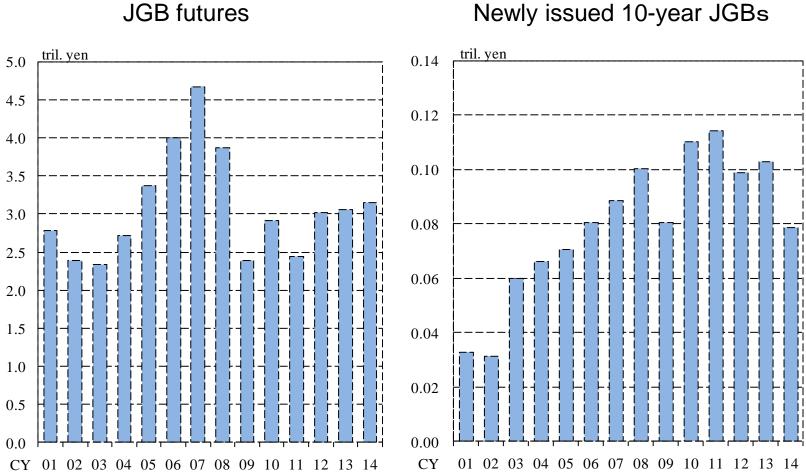
- Note: The FAIXs consist of 14 financial indicators and measure whether financial activity is overheating or overcooling, based on how far individual indicators deviate from their historical trends. Shaded areas represent the following:
  (1) areas shaded in red (the darkest shaded areas) show that an indicator has risen above the upper threshold, that is, it is tilted toward overheating; (2) areas shaded in blue (the second darkest shaded areas) show that an indicator has declined below the lower threshold, that is, it is tilted toward overcooling; (3) areas shaded in green (the most lightly shaded areas) show everything in between; and (4) areas shaded in white show the periods without data.
- Sources: Bloomberg; Cabinet Office, "National accounts"; Japan Real Estate Institute, "Urban land price index"; Ministry of Finance, "Financial statements statistics of corporations by industry"; Tokyo Stock Exchange, "Outstanding margin trading"; BOJ, "Flow of funds accounts," "Loans and bills discounted by sector," "Money stock," "Tankan."

(Chart 3)

#### **Short-Term Interest Rates**



### **Average Daily Turnover**



Newly issued 10-year JGBs

Source: QUICK.

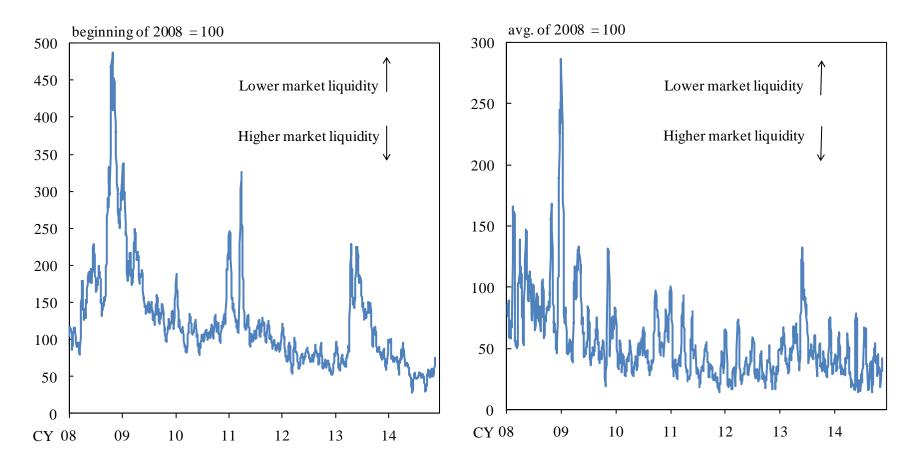
(Chart 4)

#### **Daily Price Range to Turnover Ratio**

#### JGB futures

Newly issued 10-year JGBs

(Chart 5)



Note: 10-day backward moving average. Source: QUICK.