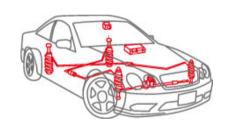


#### Meeting Materials for First-Half of FY2013 Summary and Business Outlook







November 12, 2013

#### Masao Usui

Representative Director, President Executive Officer KYB Corporation

#### **Contents**



- 1. Financial Information
  - Consolidated Financial Performance for 1H of FY2013
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- 5. Status for Other Business Operations
- 6. Product Development and *Monozukuri* (Manufacturing Expertise)
- 7. Moving towards the Next Medium-term Plan (FY2014–2016)



- Consolidated Financial Performance for 1H of FY2013

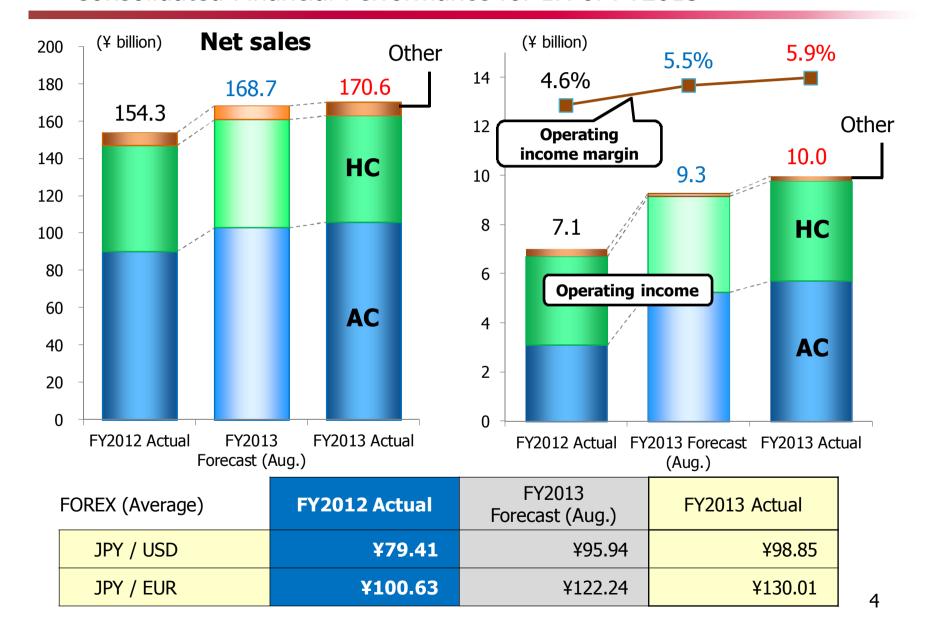


#### Consolidated Financial Performance for 1H of FY2013 Our Precision, Your Advantage

(¥ billion)	FY2012	FY2013		Differences	
	1H	1H Forecast	1H Actual	Previous period	Previous forecast
Net sales	154.3	168.7	170.6	16.2	1.9
Operating income	7.0	9.3	10.0	2.9	0.7
Ordinary income	6.4	9.7	10.5	4.1	0.8
Net income	3.9	5.8	6.5	2.6	0.7
(¥)					
Net income per share	17.78	26.24	29.72	11.94	3.48

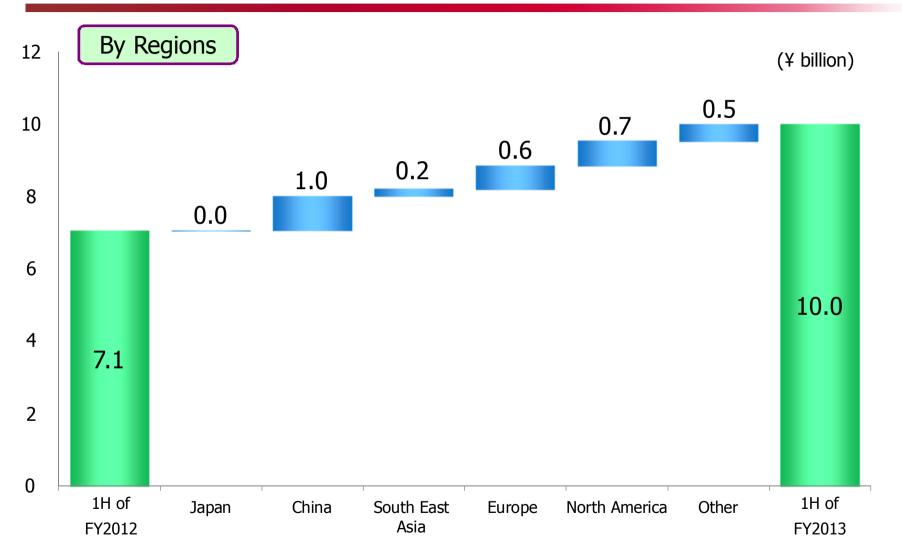


Consolidated Financial Performance for 1H of FY2013 Our Precision, Your Advantage



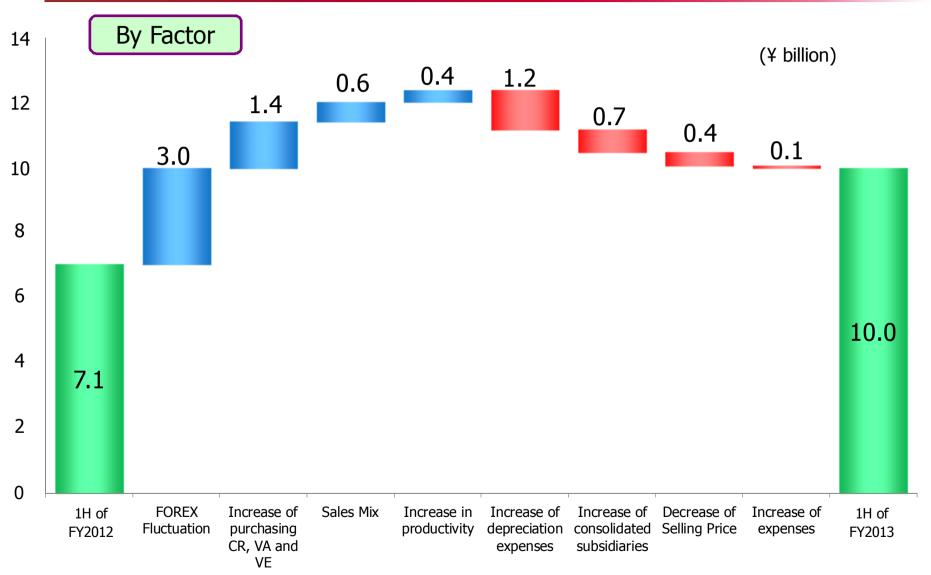


Analysis of Operating Income (1)





Analysis of Operating Income (2)





- Consolidated Financial Forecast for FY2013

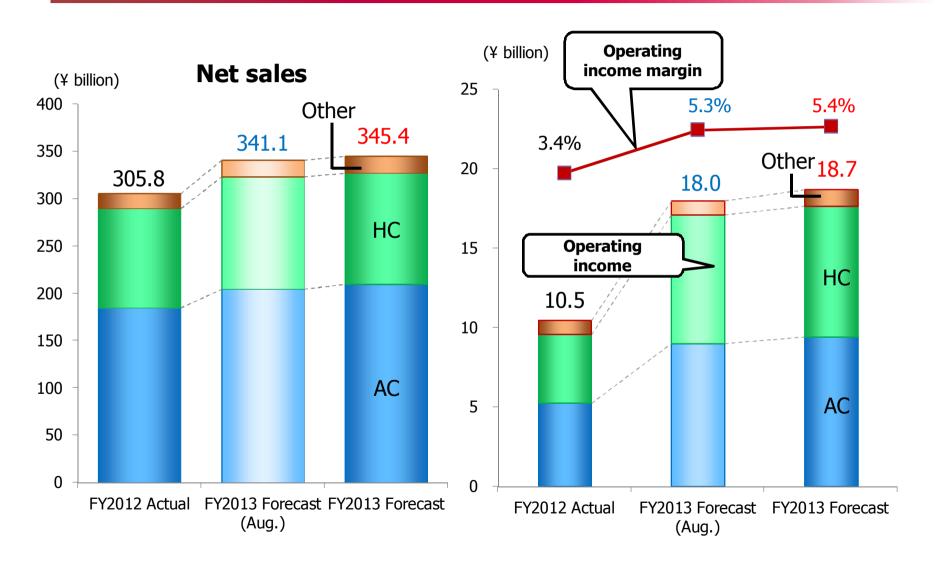


#### Consolidated Financial Forecast for FY2013

(¥ billion)	FY2012	FY2013		Differences	
		Previous forecast	Forecast	Previous year	Previous forecast
Net sales	305.7	341.1	345.4	39.6	4.3
Operating income	10.4	18.0	18.7	8.2	0.7
Ordinary income	13.5	18.9	19.9	6.3	1.0
Net income	7.7	10.9	12.2	4.4	1.3
(¥)					
Net income per share	35.24	49.31	55.20	19.96	5.89

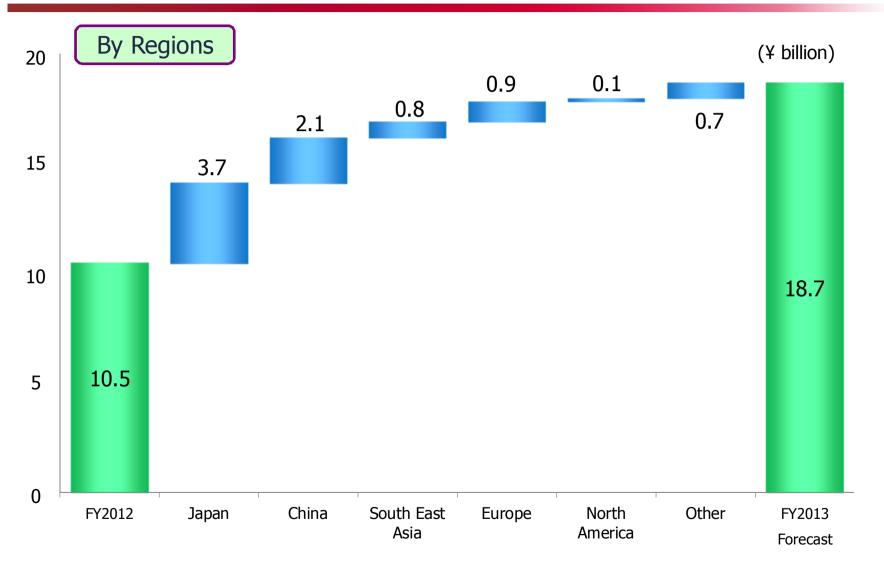


Consolidated Financial Forecast for FY2013



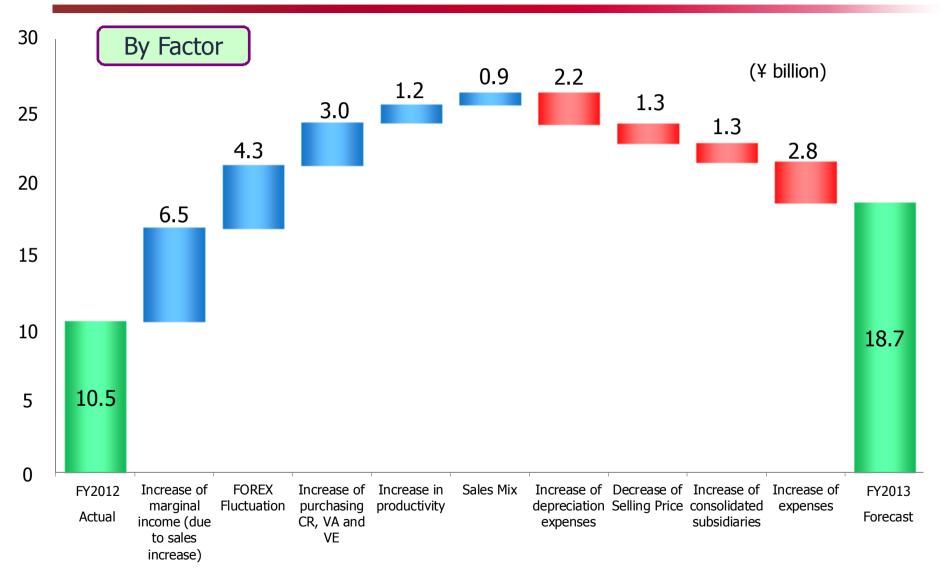


Analysis of Operating Income (1)



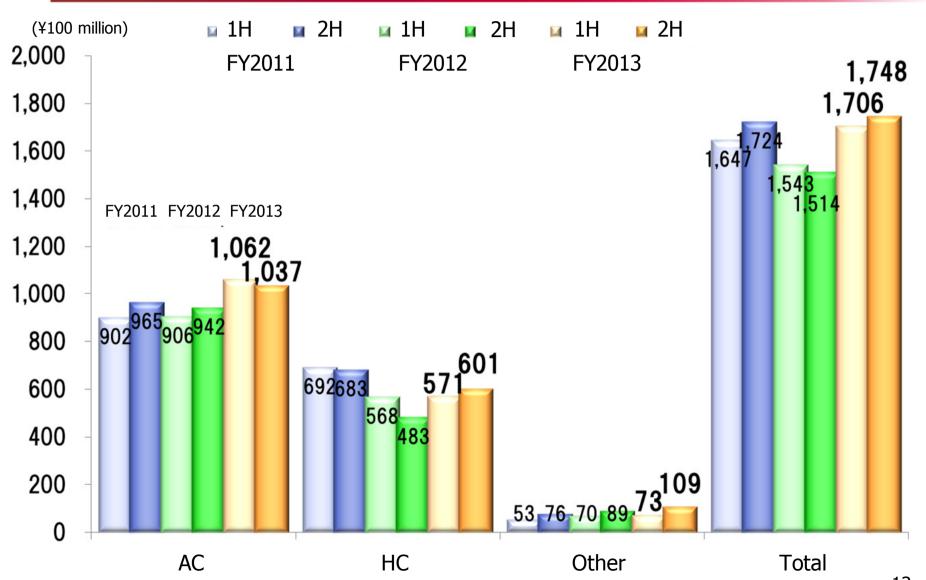


Analysis of Operating Income (2)





**Segment Information** 

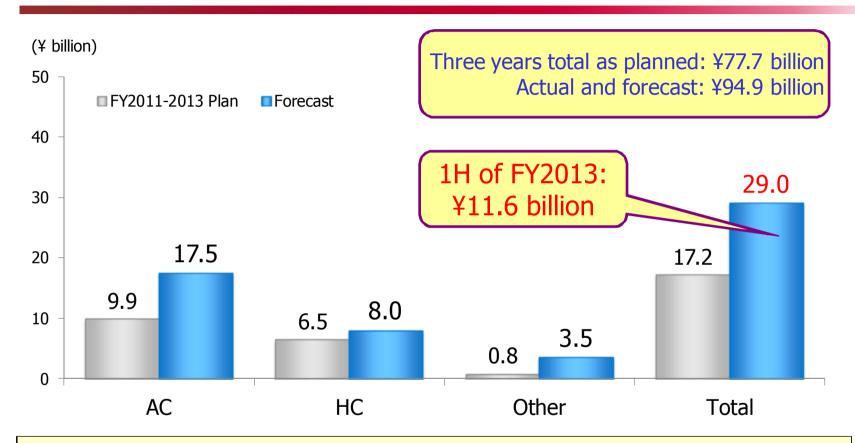




#### 2. Capital Expenditure Plan Progress Report



#### 2. FY2013 Capital Expenditures



#### Plan in FY2013

AC: Pumps for CVT (Mexico), Plant expansion (Czech Republic), Plant for springs for aftermarket (Czech Republic), Shock absorbers for motorcycles (India)

HC: Plant for Cylinders (Indonesia)



## 3. Status for Automotive Components Operations (AC)



#### 3. AC Operations

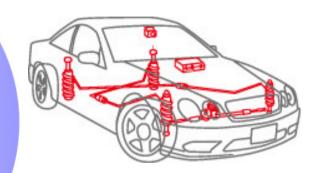
Sales Mix

Others 3.3% (3.4%)

Hydraulic equipment for automobiles 18.0% (17.6%)

Shock absorbers for motorcycles 11.2% (13.3%)

FY2013 1H Sales ¥106.2 bill.



Shock absorbers for automobiles 67.5% (65.7%)

(FY2012 figures are in parentheses)

#### **Main Products**

Shock absorbers for automobiles: Shock absorbers (for OEM, aftermarket, genuine parts)

Shock absorbers for motorcycles: Front fork, rear cushion unit

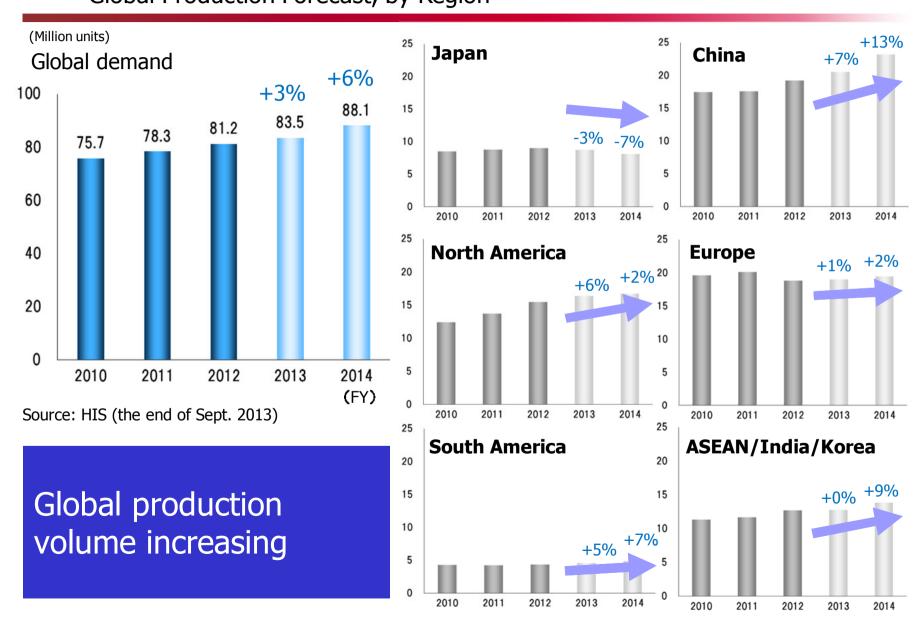
Hydraulic equipment for automobiles: CVT (Continuously Variable Transmission), power

steering (hydraulic, electric)

Other products: Stay dampers, shock absorbers for ATV (All Terrain Vehicle)

## **3-1. Market Environment** Automotive Global Production Forecast, by Region





#### 3-2. Medium-term Plan Implementation Status



#### **AC** Operations

FY2011-2013 Plan	1H of FY2013	2H of FY2013-		
Strengthen R&D system	- Constructed Developmental Experiment Center (Japan) - Established of testing and evaluation infrastructure (US)	<ul> <li>Develop high-performance SA*</li> <li>(HARMOFREQ, IDC) and start customer presentations (Japan, Europe, US)</li> <li>LD campaign (determination of best specs)</li> <li>Use Yamaha joint venture to strengthen motorcycle development</li> </ul>		
Expand overseas sales of OEM	<ul> <li>Measures to increase sales to non- Japanese customers, presentations using vehicles to European and American customers using the test course</li> </ul>	<ul> <li>Continue activities to raise sales to non-Japanese customers</li> <li>Use unified development/sales activities to increase sales to European customers</li> <li>Start deliveries to Hyundai (Brazil)</li> </ul>		
Double aftermarket sales of shock absorbers (SA)	<ul> <li>Increased overseas output of aftermarket SA (Brazil, China, US)</li> <li>Started full-scale operations of the Russian sales company</li> </ul>	<ul> <li>Establish production/supply framework for aftermarket SA (Brazil, China, US)</li> <li>Strengthen sales activities in the Far East (Russia)</li> </ul>		
Prepare organized systems for manufacturing of CVT pumps	Start of production in Thailand	<ul> <li>Establish optimum CVT supply framework, complete construction of new plant (Mexico)</li> </ul>		

# **Medium-term goal**Making profits in global markets

#### Global Production Infrastructure for CVT Pumps



Establish a global supply network that can meet customers' needs
Four locations: 3.4 million units/year (2012) → 5.2 million units/year (2014)

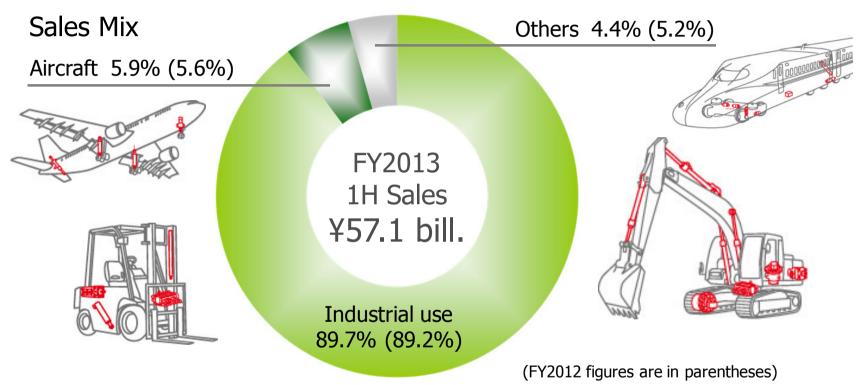




## 4. Status for Hydraulic Components Operations (HC)



#### 4. HC Operations



#### **Main Products**

Industrial use: Cylinders, traveling motors, swing motors, control valves, pumps

(for construction machinery, forklifts, agricultural machines)

Aircraft: Actuators, wheels and brake assembly

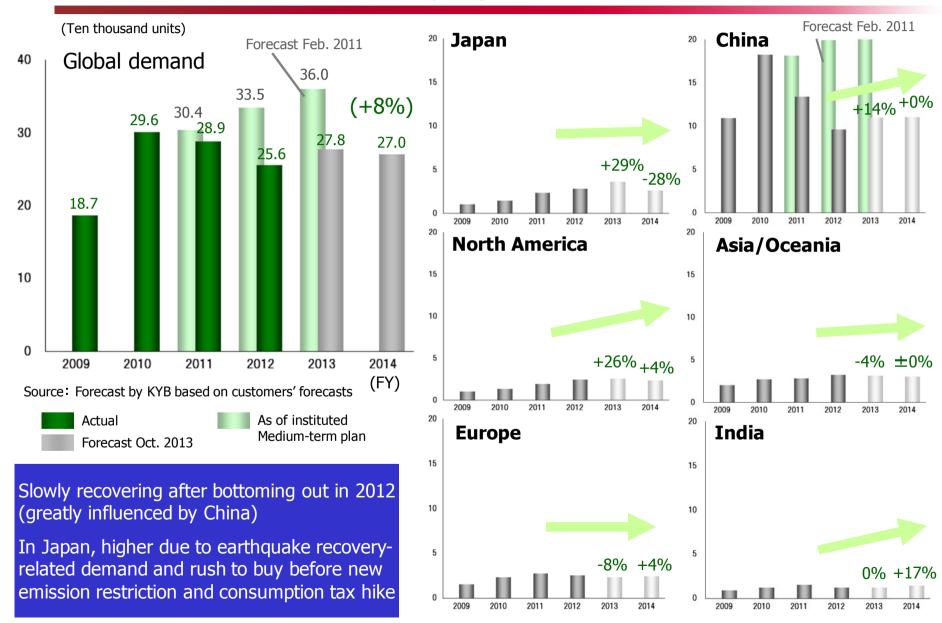
Others: Oil dampers for railway vehicles, semi-active suspension systems

for bullet trains

#### **4-1. Market Environment** Hydraulic excavators of more than 6 tons



Global Production Forecast, by Region

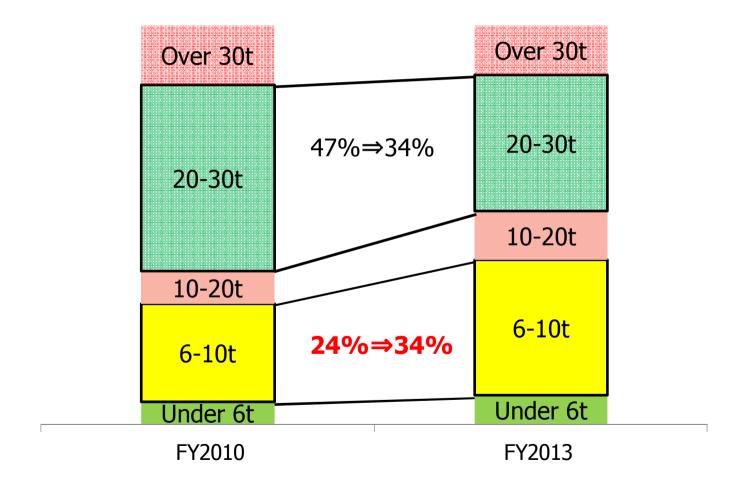


#### **4-1. Market Environment** Hydraulic excavators of more than 6 tons



Chinese Market

Market share of small-size excavators (6-10 tons) is increasing in China



## **4-2. Medium-term Plan Implementation Status**HC Operations



FY2011-2013 Plan

1H of FY2013

2H of FY2013-

#### **Establish Production System**

Increase production capacity of control valves for mid-size excavators	KYB-CADAC new plant Started production	Self manufacture of heat treatment process for spool at Sagami Plant
Increase production capacity of cylinders for mini excavators	KYB-YS new plant	Innovative production line with global cost competitiveness, Start of production
Cylinders for mid- size excavators New plant in ASEAN	Purchased land for plant in Indonesia	Started construction of new plant in Indonesia
Production system for traveling and swing motor for small-size excavators	Considering manufacturing in China	Establish capability in China for production of small-size excavator travel and swing motors

Medium-term goal

Complete a manufacturing network that can cope with global demand.

## **4-2. Medium-term Plan Implementation Status**HC Operations



#### **KYB-CADAC** (Nagano pref.)

New casting plant for control valves (Start of production: Sept. 2013)



## RYVE

#### **KYB-YS** (Nagano pref.)

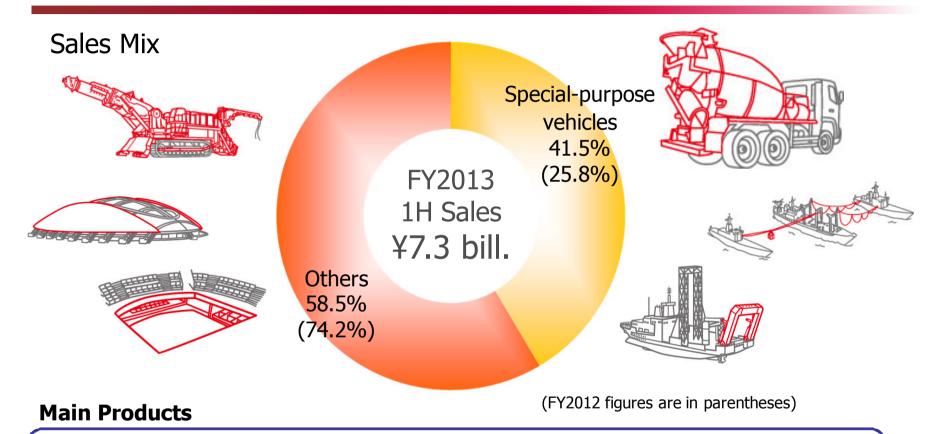
New plant with innovative production line of cylinders for mini excavators (Start of production: Feb. 2014)



#### 5. Status for Other Business Operations



#### 5. Other Business Operation



Special-purpose vehicles: Concrete mixer trucks

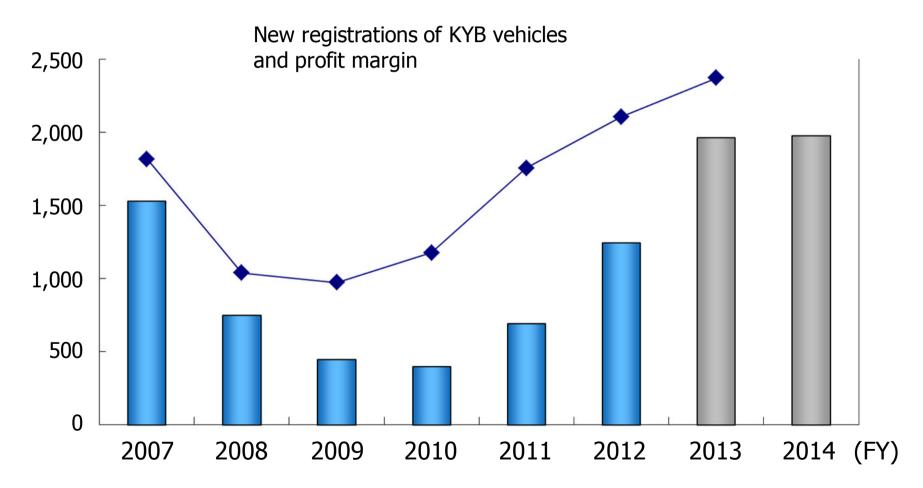
Others: Seismic & vibration control systems, Theater equipment, Building and structural equipment, Rock tunneling equipment, Marine equipment, Simulated conditions testing, Environmentally-friendly equipment, Electronic components

#### 5-1. Other Business Operation



Special-Purpose Vehicle Operations: Concrete Mixer Trucks

**Japan:** Consistent demand from earthquake recovery and equipment replacement Production capacity: From 6.1/Day (2H of FY2012) to 8/Day (current)



#### 5-1. Other Business Operation



Special-Purpose Vehicle Operations: Concrete Mixer Trucks

India: Investment in Conmat Systems Pvt. Ltd. (Gujarat)

Start production in August 2013

Increase sales to current Conmat customers and new customers

Production volume: 450 in FY2014; 2,000 in FY2020



#### 5-2. Other Business Operation



Kayaba System Machinery: Seismic & Vibration Dampers

Proved effectiveness of seismic & vibration dampers during the longperiod vibration of the Great East Japan Earthquake Establish production system corresponding to demand increase Production capacity: From 200 units/month to 350 units/month

[Completion: Dec. 2013]





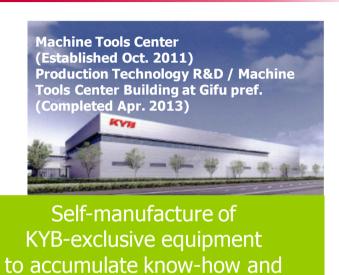
## 6. Product Development and *Monozukuri* (Manufacturing Expertise)

## **6-1.** Upgrade Development/Evaluation and *Monozukuri* Expertise



#### Product Development







Utilize test course
Enable product evaluation with custom

improve reliability



#### 6-2. Strengthen Electronics Technologies Our Precision, Your Advantage

#### The Future of Hydraulics + Electronics



Development and Design

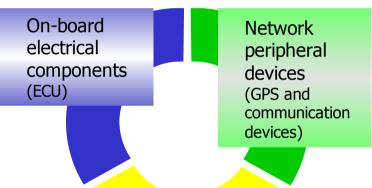
**Electronics Technology Center** 

Production **KYB Trondule** 



Start manufacturing Electronic Control Units (ECU) for high performance Electric Power Steering (EPS) systems in April 2013 at No. 2 Plant.

#### **Three domains**



Enter new product categories

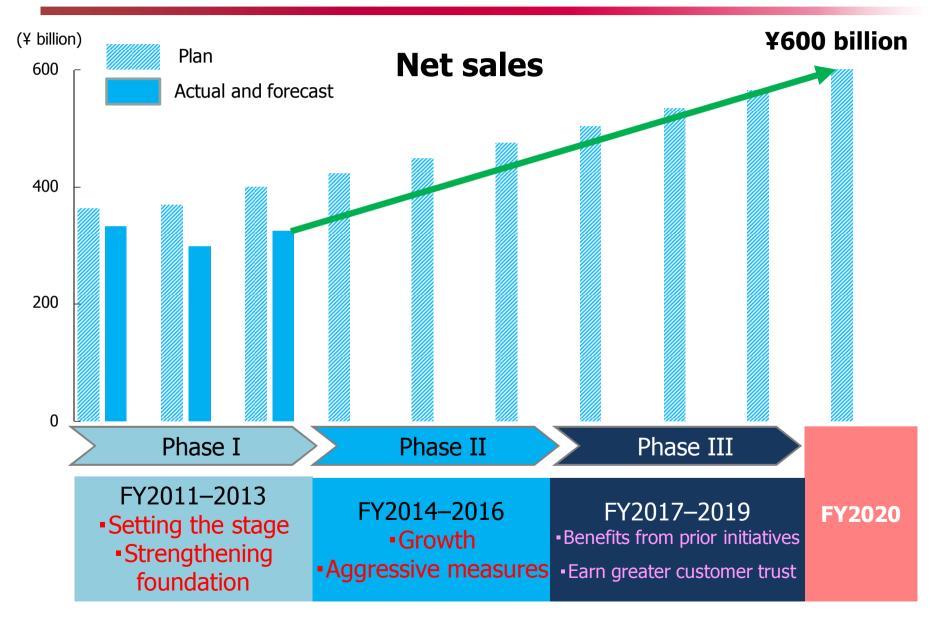




## 7.7. Moving towards the Next Medium-term Plan (FY2014–2016)

## 7-1. Moving towards the Next Medium-term Plan





#### 7-2. Moving towards the Next Medium-term Plan

global growth in order to reach the 2020 goals.

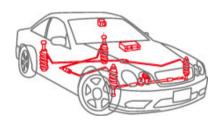


FY2011–2013		FY2014-2016	FY2017-2019	FY2020	
	Phase I		Phase II	Phase III	
Drastic changes in the world business environment, market needs  1.Build a powerful system by action with speed and flexibility 2.Boldly take on issues ahead of next medium-term plan			<ol> <li>Optimize global management</li> <li>Develop new value-added products</li> <li>Reinforce competitiveness in overseas production basis</li> <li>Expand HR and production technology to overseas subsidiaries</li> </ol>		
	HR Development	• Utilize the diversity of the workforce			[Ideal Image]
policies 11-2013	Technology & Product Development	Strengthen global R&D (Japan, Europe, N. America, China, ASEAN)	Develop electronic comp Electric hydraulic energy for construction machin	y-saving systems	Serve as a trusted supplier
Focus por for FY201	<i>Monozukuri</i> (Manufacturing Expertise)	Increase overseas procurement Increase emerging country production of	Jse LT50 overseas and ena	ct logistics reforms	to leading customers around
	Management	Regional HQ  Establish a framework for global management  the glo  Establish more aftermarket SA sales bases (Russia, Turkey, etc.)			
500400004000400	In Phase 2 (the next medium-term plan, to be announced in May 2014), the KYB Group will leverage all its strengths to take aggressive measures for achieving				



## Thank you









### Our Precision, Your Advantage

#### **Cautionary Statement**

This report contains forward-looking statements, including KYB's plans and strategies, as well as statements that report historical results. Forward-looking statements involve such known and unknown risks and uncertainties as economic conditions; currency exchange rates; laws, regulations, and government policies; and political instability in principal markets.