# NSK

# Since 1916

# FINANCIAL CONFERENCE

**Consolidated Business** Results, Forecast, and The 5th Mid-term Plan

May 16, 2016 **NSK Ltd.** 

















#### Cautionary Statements with Respect to Forward-Looking Statements

Statements made in this report with respect to plans, strategies and future performance that are not historical fact are forward-looking statements. NSK cautions that a number of factors could cause actual results to differ materially from those discussed in the forward-looking statements.

Note: This document is an English translation of material written initially in Japanese.

The Japanese original should be considered the primary version

### Contents



- 1. Consolidated Business Results for the Year Ended March 31, 2016
- 2. The 5<sup>th</sup> Mid-Term Management Plan
- 3. Consolidated Business Forecast for the Year Ending March 31, 2017

(Supplementary Information)



# 1. Consolidated Business Results for the Year Ended March 31, 2016

# Summary of Consolidated Business Results for the Year Ended March 31, 2016



### **Business Environment**

- ✓ Japan: Uncertainty increased, US: Robust demand, Europe: Moderate recovery trend, Emerging markets: Low growth continued.
- ✓ Forex: Appreciation of Yen accelerated from the beginning of the year. Unstable resource markets.
- ✓ Industrial: Economic slowdown in China spread to global market.
- ✓ Automotive: Solid growth continued, primarily in North America.

### **Summary of Business Results**

(FY2015) (Compared to 2014)

Net Sales: **¥975.3 billion +¥0.4 billion /+0.0**%

Operating Income: ¥94.7 billion -¥2.6 billion / -2.7%

Net Income attributable to shareholders of the parent: #67.2 billion +¥5.2 billion /+8.4%

- ✓ Records for net sales and net income.
- ✓ Operating income declined due to environmental changes in industrial business.
- ✓ Automotive business marked record performance due to higher volume and effect of cost reductions.
- ✓ Dividend: FY2015 full-year dividend ¥34.0 (1st half ¥17.0, 2nd half ¥17.0, YOY +¥6.0) 3

# **Summary of Consolidated Business Results** for the Year Ended March 31, 2016



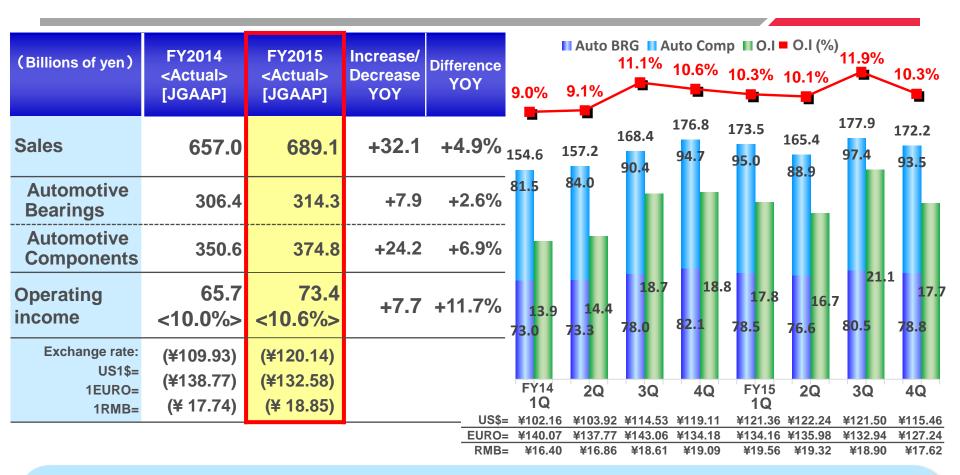
(Billions of yen)	FY2014 <actual> [JGAAP]</actual>	FY2015 <actual> [JGAAP]</actual>	Increase/ Decrease YOY	Difference YOY
Net sales	974.9	975.3	+0.4	+0.0%
Operating income <%>	97.3 <10.0%>	94.7 <9.7%>	-2.6	-2.7%
Ordinary income	91.0	94.0	+3.0	+3.3%
Income before tax	88.0	90.4	+2.5	+2.8%
Net income attributable to shareholders of the parent	62.0	67.2	+5.2	+8.4%
(Exchange rate: US1\$=)	(¥109.93)	(¥120.14)		
(Exchange rate: 1EURO=)	(¥138.77)	(¥132.58)		
(Exchange rate: 1RMB=)	(¥17.74)	(¥18.85)		

#### [Major indexes]

ROE	15.3%	14.9%	
Net D/E ratio (times)	0.31	0.23	
Inventory turnover (times)	7.1	7.2	

#### **Business Results: Automotive Business**





- ✓ Overall demand expanded, primarily in the North American market.
- ✓ In Japan, sales decreased due to weak sales of Japanese mini vehicles.
- ✓ Chinese market recovered in the second half due to effect of tax reductions, although production volume underwent adjustment in the first half.
- ✓ Automotive business marked record performance due to higher volume and effect of cost reductions.

### Business Results: Industrial Machinery Business 100th



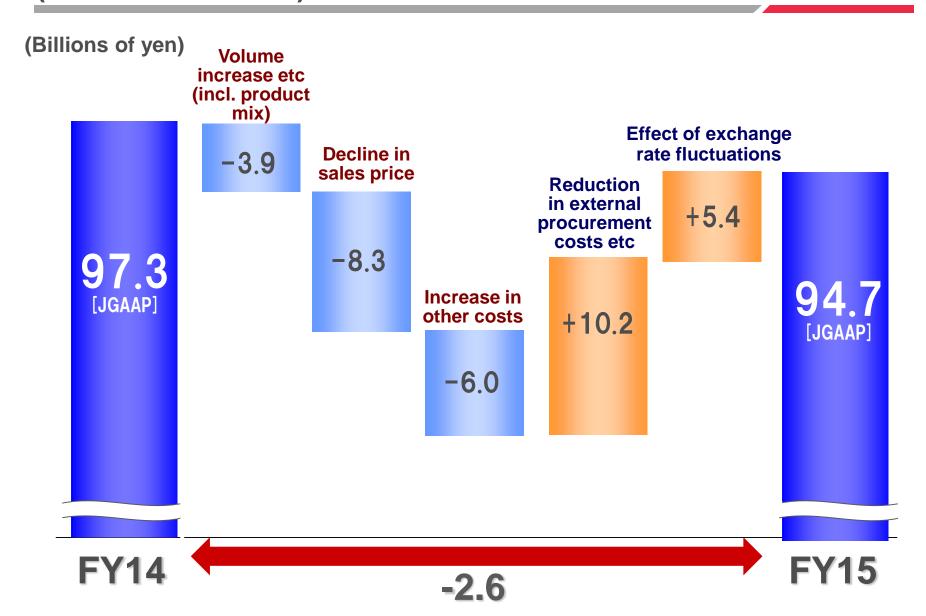


						II Inc	BRG I		on II O.I	<b>■</b> O.I (%	<b>%</b> )	
(Billions of yen)	FY2014 <actual> [JGAAP]</actual>	FY2015 <actual> [JGAAP]</actual>	Increase/ Decrease YOY	Difference	11.4%	10.5%	11.5%	16.0%	13.4%	12.3%	8.3%	8.9%
Sales	276.4	259.8	-16.6	-6.0%		66.8	70.4 11.3	73.5 11.8	70.3 11.4	66.3	61.8	61.4
Industrial machinery Bearings	232.4	218.1	-14.3	-6.2%	10.2	10.7		h	ÏL.	11.0	9.6	9.7
Precision machinery and parts	44.0	41.7	-2.3	-5.2%	<b>55.5</b>	56.1	59.0	61.7	58.9	55.3	52.2	51.7
Operating income	34.4 <12.4%>	28.1 <10.8%>	-6.2	-18.2%	7.5	7.0	8.1	11.	9.4	8.1	5.1	5.5
Exchange rate: US1\$=	(¥109.93) (¥138.77)	(¥120.14) (¥132.58)			FY14 1Q	2Q	3Q	4Q	FY15 1Q	2Q	3Q	4Q
1EURO= 1RMB=	(¥ 17.74)	(¥ 18.85)		US\$ _EURO RMB	= ¥140.07	¥103.92 ¥137.77 ¥16.86	¥143.06			¥135.98	¥121.50 ¥132.94 ¥18.90	¥115.46 ¥127.24 ¥17.62

- ✓ Impact on global economy of economic/growth slowdown in China grew.
- ✓ Demand environment in many sectors deteriorated, including machine tools.
- ✓ Unstable resource market continued.
- ✓ YOY decrease in both sales and profit due to demand decline.

# Operating Income: Factors Behind Change (FY2014 ⇒ FY2015)







### 2. The 5<sup>th</sup> Mid-Term Management Plan

### 4th MTP: Achievements and Shortcomings 100th NSK





#### **Outline**

**Numerical Targets / Results** 

Establish corporate fundamentals appropriate for a company with net sales of 1 trillion Yen

**《The 4<sup>th</sup> Mid-term Management Plan 》**

#### **Business Strategies**

#### **Corporate Foundation**

Growth with a focus on profitability

**Develop management** capability to handle 1 trillion Yen in sales volume

	FY2015	FY2015
	Original Target	Actual
Net Sales	¥940.0 billion	<b>¥975.3</b> billion
Operating Income	¥86.0 billion	¥94.7 billion
Net Income	¥52.0 billion	¥67.2 billion
Operating Income %	9.1%	9.7%
ROE	13.0%	14.9%
Net D/E Ratio	0.40	0.23
Exchange	1US\$=¥90	1US\$=¥120
Rate	1Euro=¥120	1Euro=¥133

**Achievements and Shortcomings** 

- O Achieved all numerical targets of the 4<sup>th</sup> MTP. Improved profitability.
- O Significant growth in Chinese business and electric power steering systems.
- O Performance assisted by favorable exchange rate environment.
- O Will continue to enhance response to demand fluctuations and build corporate fundamentals appropriate for a company with net sales of 1 trillion Yen.

### Theme of the 5th Mid-Term Management Plan 100th NSK





FY15 **FY13 FY14** The 4th MTP

Founded in 1916

 $2013 \sim 2015$ 

**FY16 FY17 FY18** 

The 5th MTP

2016: 100th Anniversary

2026 **NSK Vision 2026** 

> **Setting the Future in** Motion

Realize Vision

**Embark on new** chapter in evolution towards next 100 years

Respond to shifts in business environment

Reconstruct profit base

Develop new products, expand into new fields

Invest resources for future growth

**Developing Corporate** Fundamentals to Support a 1 trillion **Yen Company** 

FY14: achieved final-year targets a year ahead of schedule - record highs for sales and profit

FY15: shift in business environment

Failed to achieve FY15 original budget



Commence mid- and long-term measures to achieve sustainable growth



#### NSK Vision 2026 Setting the Future in Motion

Embark on new chapter in evolution towards next 100 years

# Operational Excellence

#### **Sustainable Growth**

Deliver new value to society Work together with stakeholders

Reconstruct profit base

Increase and stabilize profitability *Monozukuri*, quality, personnel

**Expand into new growth fields** 

Growth in core businesses New products, new fields Innovate and Challenge

#### **Industrial Machinery** • Automotive

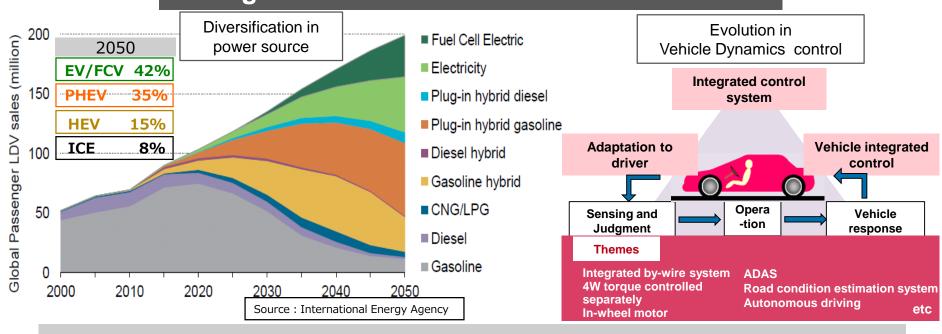
Safety · Quality · Compliance

Business Foundation as 1 trillion Yen Company

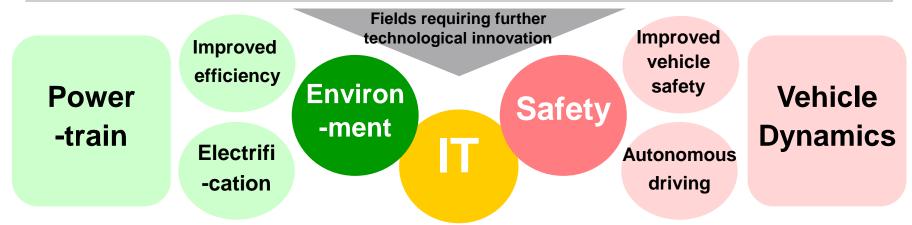
#### 5<sup>th</sup> MTP: Automotive Business 1 Changes in Business Environment



### **Changes in Automotive Business Environment**



#### Future diversification in power source, evolution in vehicle dyamics control



#### 5<sup>th</sup> MTP: Automotive Business 2 New Organization and Key initiatives



#### **Automotive Business: New Organization**

Automotive Powertrain
Division HQ
(BRG + Components))

**Manufacturing plants** 

Automotive Steering and Actuator Division HQ Manufacturing plants

Refine elemental technology Enhance responsiveness toward system technology

**Automotive Technology Development Center** 

Powertrain Bearing Technology Center

Application engineering

Steering Technology Center

New technology and product development

**Powertrain/Vehicle Dynamics** 

**Elemental Technology Development** 

HEV•PHEV Pov EV•FCV Combustion engines Transmissions Motors



### Key initiatives

Reinforce profit base and establish platform for future growth

#### **Operational Excellence**

- Expand drivetrain business, achieve growth with accompanying profitability
- Expand customer portfolio for EPS

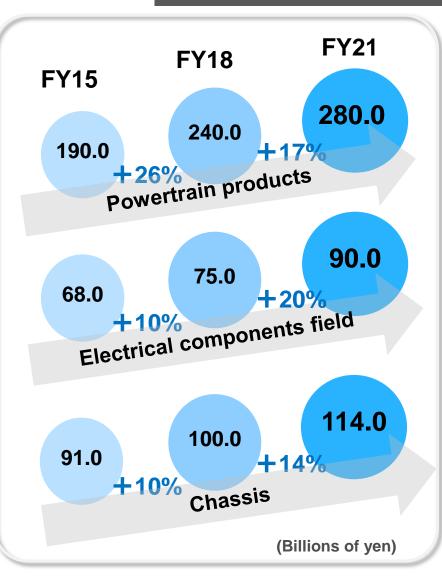
#### Innovate and Challenge

- Respond to technology evolution (high-efficiency, electrification, autonomous driving)
- Develop lower-assist EPS

#### 5<sup>th</sup> MTP: Automotive Business 3 Powertrain Business



#### Core business to underpin mid-to-long term growth



#### 1) Expand Powertrain Business

#### **Transmissions**

- Needle bearings: Expand sales from shift to AT multistep
- Clutch packs: Expand in module business

#### 2) Evolve/expand in electrical applications

#### **Traditional Applications**

Establish base business in engines and electrical accessories

#### **New Applications**

- Develop new fields and products with potential to serve as future growth drivers.
- Develop new electrical applications:
   electric chargers, in-vehicle motors etc.

#### 3) Expand Chassis Business

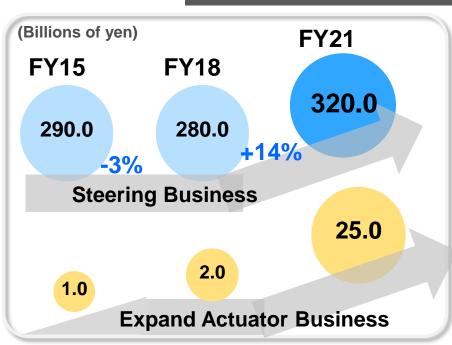
#### **HUB Unit Bearings**

- Expand customer base
- Improve warranty performance

#### 5<sup>th</sup> MTP: Automotive Business 4 Steering and Actuator Business



#### Sowing seeds for the next phase of growth



### New core products



Ball screw for e-brake booster



Advanced steering system for partially and fully autonomous cars

#### 1) Further development of Column EPS

- Expand customer base
- Develop next-generation systems

#### 2) Development of Rack EPS

- Product development leveraging NSK's elemental technology
- Launch to market during 6<sup>th</sup> MTP

#### 3) Development of new core products

- Utilize systemized product technology and knowhow accumulated through EPS development
- Develop and apply elemental and mechatronic technologies : electric brakes
  - Reinforce ECU design and development
     : AD Tech made fully-owned subsidiary of NSK

#### 5<sup>th</sup> MTP: Industrial Machinery Business **Changes in Business Environment**



#### Present demand trend

#### **Evolving mid-term needs**

Sector	FY18 vs. FY15	Sector	FY18 vs. FY15
Electrical / IT	$\rightarrow$	Railcars	<b>↑</b>
Steel Plant Facilities	<b>→</b>	Machine Tools	1
Mining	$\rightarrow$	Semiconductors	1
Construction Machinery	1	Robots	1 1 1
Agricultural Machinery	<b>→</b>	Medical	1 1 1
Wind Turbines	<b>†</b>	Aftermarket	<b>†</b>

W/T: Off Shore **High Reliability Environ** Machine Tool: Assessm't LCC Saving

Construction Machine, Railway CMS



**Infrast** -ructure

IT

-ment

**Building & Railway: Damping Control Safety** 



**Smart Factory Electrification IoT** 



**Sensing & Control Medical & Robot** 



\*LCC: Life Cycle Cost

Demand forecast: ↑ Upward, →Same level, ↓Downward

#### Trends differ by sector

Changes to current business environment

Fierce competition in sluggish growth environment

**Entry of** Chinese manufacturers

#### Technological innovation

Mid-term focus fields

**Growth fields** (Environment, Infrastructure, IT)

Respond to smart technology, new added-value fields

16

#### 5<sup>th</sup> MTP: Industrial Machinery Business 2 Key Initiatives



#### **Key Initiatives in Industrial Machinery Business**

Respond to changes in business environment and expand target fields

#### **Operational Excellence**

- Reinforce response capabilities and profitability
- Enhance product capability

#### **Innovate and Challenge**

- Concentrate resources on focus sectors
- · Generate new added value and demand

# Respond to changes in business environment

#### **Rebuild competitiveness**

- 1) Respond to fierce competition
  - -Reassess product capability
  - -Shorten lead time
- 2) Improve cost competitiveness
  - -F2 (Fujisawa) project
  - -Introduce new manufacturing methods

### Initiatives for focus sectors

#### Sustainable growth

- 1) Expand presence through solution-provision capability
  - -Infrastructure (wind turbines, railcars)
  - -Capital goods (machine tools)
  - -Robots, medical
- 2) Channel management

-GAM

Create new added value and demand

#### Solution provider

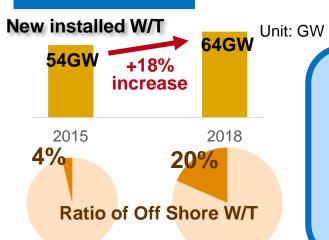
- 1) Develop CMS technology and establish business model
- 2) Harness synergy effect between bearing and linear-motion technologies
- 3) Make advance in maintenance business

#### 5<sup>th</sup> MTP: Industrial Machinery Business 3 **Focus Sectors**



#### Wind turbines

#### Meet needs of offshore W/T and enhance cost competitiveness



#### Initiatives

- Meet needs in offshore wind turbine sector
  - -High output power specs
  - -Countermeasures for bearing damage
- -Enhance cost competitiveness -F2 project

**Sales** (FY15 vs. FY18) 35% UP



#### **Expand presence outside Japan**

Railway market

2015

+9% increase



2018

Ex.: Past projects won

Region	Project
UK	High-speed rail
France	TGV repair
China	High-speed / Metro
Thailand	Purple line
Qatar	Doha metro

- Meet needs in high-speed railway sector
  - -Adapt to low-temperature regions
  - -Long-life specs
- -Win subway business in emerging countries
  - -Lower costs through standardization

-Maintenance

**Sales** (FY15 vs. FY18) 45% UP

# 5<sup>th</sup> MTP: Industrial Machinery Business 4 Focus Sectors



#### AM

#### Strengthen high-profit aftermarket business

#### **Initiatives**

#### **Developed countries:**

-Expand high added-value business (Asset Improvement Program)

#### **Emerging countries:**

- -Channel management (Quantity → Quality)
- -Strengthen MRO (Maintenance, Replacement, Operation)

Sales (FY15 vs. FY18)
20% UP

#### **Develop condition monitoring technology**

#### **CMS**

Technical proposals based on integrated capabilities

(W/T, Railway, Machining Tool)

- Provide total service
  - -Bearings, components
  - -Condition monitoring service
  - -AM maintenance service

- Preventive safety
- Stabilize operations through preventive detection of faults
- ·Reduce LCC

# 5<sup>th</sup> MTP: Next-Generation *Monozukuri* The NSK Smart Factory



#### **NSK SmF (Smart Factory)**

- Visualize manufacturing process by linking objects and information
- Develop highly flexible manufacturing system that is resistant to demand fluctuations
- Create a vibrant work environment for employees

Space efficiency:

More than 2-fold increase

**Process integration** 

#### IoT

Capture and analyze big data

#### **Automation**

Automated lot/set changes
Productivity: 3-fold
increase

- 1. Quality Control
- 2. Production Control
- 3. Machine Control

4. Work Environment

Real-time monitoring / Early detection and warning/ Individual identification / Analysis and improvement / Safety and cleanliness

**Customer perspective** 

5th MTP: ESG

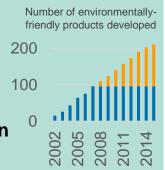


### Non-financial initiatives to improve corporate value

#### **E**:Environment

## **Environmental contribution** through our core business

- -Introduce environmentallyfriendly products (211 products through 2015)
- -Contribute through innovation in production technology



### S:Society

## Diversity and human resource development

- -Increase number of female employees hired, develop global talent
- -Enhance training (engineering, executive, global, etc.)

#### Social contribution activities

-Establish global action period

#### G:Governance

#### **Enhance governance structure**

- -Separated executive and supervisory roles from early 2000s
- -Company with Committees system (FY04~)
- -4 Independent directors, 1/3 of total (FY04~)
- -Company with Three Committees system (FY15~)

Respect the spirit of Japan's CG Code

#### **SRI** index

#### Included in 6 SRI indexes













モーニングスター社会的責任投資株価指数 Morningstar Socially Responsible Investment Index

Continue working to achieve further improvement

#### The 5<sup>th</sup> MTP Numerical Targets



	FY2015 (Actual)	
Net Sales	¥975.3billion	
Operating Income	¥94.7 billion	
Net Income	¥67.2 billion	
Operating Income Margin	9.7%	
ROE	14.9%	
Net D/E ratio	0.23	

**FY2018** (Plan) ¥1 trillion ¥100.0 billion ¥70.0 billion 10.0% 10.0% or more 0.3

**Exchange rate** 

1US\$= ¥120 1Euro=¥133 1RMB=¥18.9

1US\$= ¥105 1Euro=¥120 1RMB=¥16.7

### The 5th MTP Capital Expenditure, R&D Expenses 100th NSK





### **Investment for future growth**

4th MTP Actual

5<sup>th</sup> MTP Plan

Capital Expenditure (incl. intangible assets)

149.0 billion

180.0 billion

**Operational Excellence** 

Enhance profitability, reorganize plant network, improve operation efficiency

Innovate and Challenge

New manufacturing methods, smart factories, new products and fields

Reinforce business base

Safety, security, environment, BCP

140.0 billion

20.0 billion

20.0 billion

**R&D Expenses (SG&A)** 

68.5 billion

80.0 billion

Depreciation and Amortization

115.3 billion

130.0 billion

**Exchange rate** 

1US\$= ¥110 1Euro=¥135 1RMB=¥17.7 1US\$= ¥105 1Euro=¥120

1RMB=¥16.7

#### The 5<sup>th</sup> MTP Summary



#### Embark on new chapter in evolution towards next 100 years

- Beginning new MTP under adverse environment
  - ✓ Reconstruct profit base
  - Reassess and enhance product capability and competitiveness
- Implement initiatives for sustainable growth
  - ✓ Invest resources in the future
  - ✓ Pursue new products and new fields
  - Evolution in monozukuri
- Pursue creation of non-financial value



# 3. Consolidated Business Forecast for the Year Ending March 31, 2017

# Summary of Consolidated Business Forecast for the Year Ending March 31, 2017



#### **Forecasted Business Environment**

- ✓ Adjustment phase in the industrial machinery business to continue, lack of a recovery driver.
- ✓ Automotive business forecast formulated assuming slower growth.
- ✓ Appreciation of the yen, increasingly competitive environment.
- ✓ Rapid advancement in both industrial and automotive technologies.

### **Business Forecast**

(FY2016) (compared to 2015)
Net Sales: ¥920.0 billion -¥55.3 billion /-5.7%

Operating Income: ¥65.0 billion -¥29.7 billion /-31.4%

Net Income attributable to shareholders of the parent: **¥40.0 billion -¥27.2 billion /-40.4**%

- ✓ Under a deteriorating business environment, focus on investing resources for future growth.
- ✓ Exchange rate: US\$=¥105, EURO=¥120, RMB=¥16.7
- Begin voluntary adoption of IFRS

# **Summary of Consolidated Business Forecast** for the Year Ending March 31, 2017



(Billions of yen)	FY2015 [JGAAP]			FY2016 [IFRS]					
	1 <sup>st</sup> half <actual></actual>	2 <sup>nd</sup> half <actual></actual>	Full year <actual></actual>	1 <sup>st</sup> half <forecast></forecast>	2 <sup>nd</sup> half <forecast></forecast>	Full year <forecast></forecast>	Difference YOY	Change YOY	
Net sales	489.7	485.6	975.3	450.0	470.0	920.0	-55.3	-5.7%	
Operating income <%>	<b>49.4</b> <10.1%>	<b>45.3</b> <9.3%>	<b>94.7</b> <9.7%>	<b>28.0</b> <6.2%>	<b>37.0</b> <7.9%>	<b>65.0</b> <7.1%>	-29.7	-31.4%	
Income before tax	49.0	41.4	90.4	27.0	36.0	63.0	-27.4	-30.3%	
Net income attributable to shareholders of the parent	33.5	33.7	67.2	17.0	23.0	40.0	-27.2	-40.4%	
(Exchange rate: US\$ =) (Exchange rate: EURO =) (Exchange rate: RMB =)	(¥135.07)	(¥118.48) (¥130.09) (¥18.26)	(¥120.14) (¥132.58) (¥18.85)	(¥105) (¥120) (¥16.7)	(¥105) (¥120) (¥16.7)	(¥105) (¥120) (¥16.7)			

**\*\*Change YOY: Comparison between FY2015 actual based on JGAAP and FY2016 forecast formulated based on IFRS for reference purposes** 

### **Forecast by Business Segment**



**Automotive Business** 

\*Change YOY: Comparison between FY2015 actual based on JGAAP and FY2016 forecast formulated based on IFRS for reference purposes

(Billions of yen)	FY2015 [JGAAP]			of yen) FY2015 [JGAAP] FY2016 [IFRS]					
	1 <sup>st</sup> half <actual></actual>	2 <sup>nd</sup> half <actual></actual>	Full year <actual></actual>	1 <sup>st</sup> half <forecast></forecast>	2 <sup>nd</sup> half <forecast></forecast>		Difference YOY	Change YOY	
Sales	339.0	350.1	689.1	324.0	332.0	656.0	-33.1	-4.8%	
Automotive Bearings	155.1	159.2	314.3	151.0	155.0	306.0	-8.3	-2.6%	
Automotive Components	183.9	190.9	374.8	173.0	177.0	350.0	-24.8	-6.6%	
Operating income	34.5 <10.2%>	38.8 <11.1%>	73.4 <10.6%>		_			-33.2%	

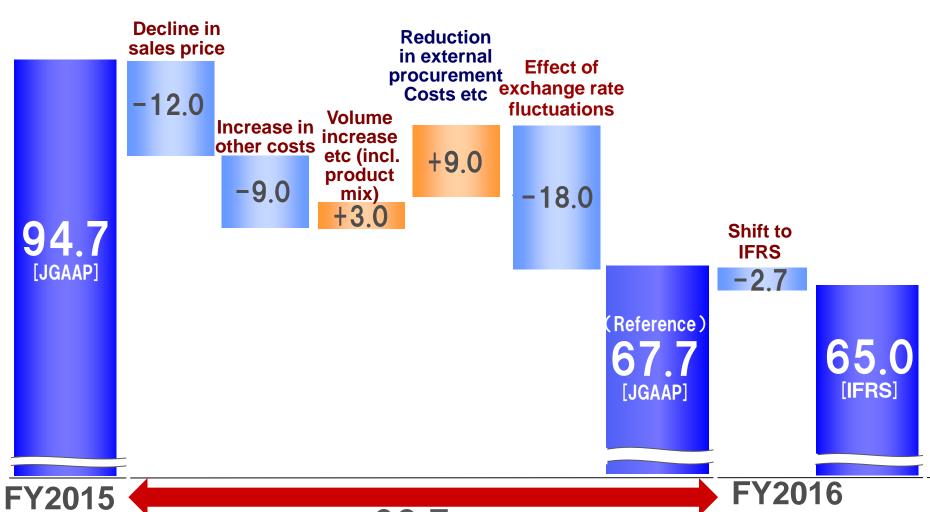
#### **Industrial Machinery Business**

(Billions of yen)	FY2015 [JGAAP]			FY2015 [JGAAP] FY2016 [IFRS]				
	1 <sup>st</sup> half <actual></actual>	2 <sup>nd</sup> half <actual></actual>	Full year <actual></actual>	1 <sup>st</sup> half <forecast></forecast>	2 <sup>nd</sup> half <forecast></forecast>	Full year <pre><forecast></forecast></pre>	Difference YOY	Change YOY
Sales	136.6	123.2	259.8	116.0	126.0	242.0	-17.8	-6.9%
Industrial machinery Bearings	114.2	103.9	218.1	97.5	104.5	202.0	-16.1	-7.4%
Precision machinery and parts	22.4	19.3	41.7	18.5	21.5	40.0	-1.7	-4.1%
Operating income	17.5 <12.8%>	10.6 <8.6%>	28.1 <10.8%>		8.0 <6.3%>	13.0 <5.4%>	10.1	-53.7%

# Operating Income: Factors Behind Change (FY2015 ⇒ FY2016 Forecast)



(Billions of yen)



-29.7

Forecast

### Finance Strategy / Policy on Shareholder Returns NSK





Stabilize financial base

**Credit rating: maintain** 

level A

Net D/E ratio: around 0.3

**Balance investment in future** growth with shareholder returns under a stable financial structure

**Growth with** profitability

ROE: 10% or more

**Investment for future growth** 

:180 billion/ 3 years

### Shareholder returns

- -Dividend payout ratio of approximately 30%
- -Acquisition of treasury stock





### Enhance shareholder returns/ Acquire treasury stock

FY2016 Plan					
Dividend	Total: ¥38				
	-Ordinary dividend: ¥28 (Interim ¥14+Year-end ¥14)				
	-100 <sup>th</sup> anniversary commemorative dividend: ¥10 (at time of the interim dividend)				
Acquisition of treasury stock	Total acquisition cost: ¥15.0 billion  (Announced on May 11, 2016)				



## (Supplementary Information)

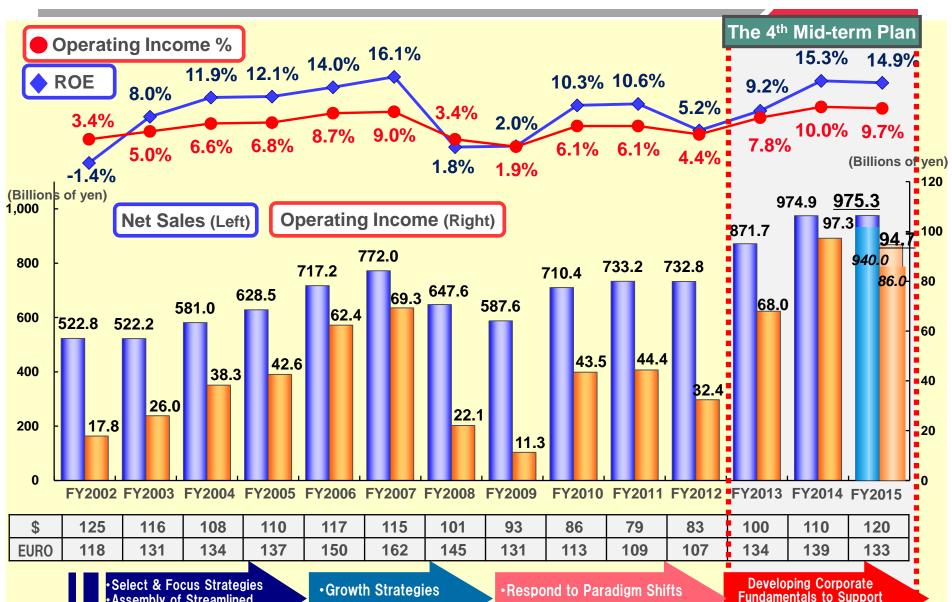
#### (Supplementary Information)

Assembly of Streamlined

Competitive Business Units

#### **Consolidated Business Trend**





Reorganize Business Structure

Improve Profitability

trillion Yen Company





### Sales and O.I. by Business Segment

(Billions of yen)	FY2014 <actual> [JGAAP]</actual>	FY2015 <actual> [JGAAP]</actual>	FY2016 <forecast> [IFRS]</forecast>
Net sales	974.9	975.3	920.0
Automotive business	657.0	689.1	656.0
Automotive bearings	306.4	314.3	306.0
Automotive components	350.6	374.8	350.0
Industrial machinery business	276.4	259.8	242.0
Industrial machinery bearings	232.4	218.1	202.0
Precision machinery and parts	44.0	41.7	40.0
Others	72.9	52.0	49.0
Eliminations	-31.4	-25.6	-27.0
Operating income	97.3 <10.0%>	94.7 <9.7%>	65.0 <7.1%>
Automotive business	65.7 <10.0%>	73.4 <10.6%>	49.0 <7.5%>
Industrial machinery business	34.4 <12.4%>	28.1 <10.8%>	13.0 <5.4%>
Others	5.8 <7.9%>	3.0 <5.7%>	4.5 <9.2%>
Corporate	-8.5	-9.7	-1.5

<sup>\*</sup>Systemized products (photofabrication exposure equipment) have been removed from "Others" as of FY2015 due to the divestiture of related businesses.



### Sales by Customer Location

(Billions of yen)	FY2014 <actual> [JGAAP]</actual>	FY2015 <actual> [JGAAP]</actual>	FY2016 <forecast> [IFRS]</forecast>
Net sales	974.9	975.3	920.0
Japan	328.8	318.4	319.5
Non-Japan (Non-Japan ratio)	646.0 (66.3%)	656.9 (67.4%)	600.5 (65.3%)
The Americas	164.8	183.7	157.5
Europe	133.8	131.8	121.5
China	210.2	204.4	194.0
Other Asia	137.2	137.0	127.5
(Exchange rate: US\$ =) (Exchange rate: EURO =) (Exchange rate: RMB =)	(¥138.77)	(¥120.14) (¥132.58) (¥18.85)	(¥105) (¥120) (¥16.7)

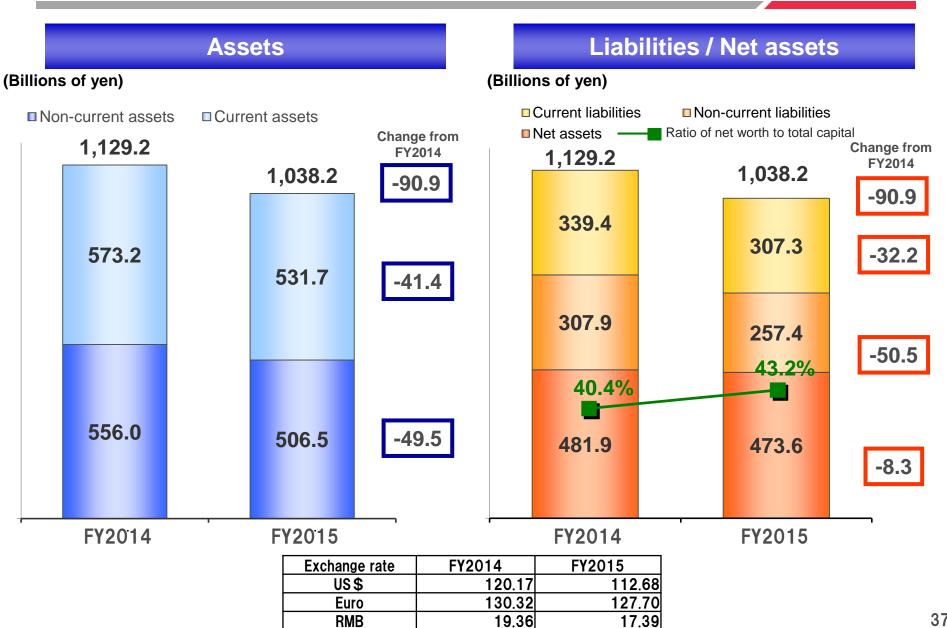


### Sales and O.I. by Geographical Segment

(Billions of yen)	FY2014 <actual> [JGAAP]</actual>	FY2015 <actual> [JGAAP]</actual>	FY2016 <forecast> [IFRS]</forecast>	
Net sales	974.9	975.3	920.0	
Japan	522.7	484.8	481.5	
The Americas	156.7	177.7	148.5	
Europe	138.8	135.5	125.5	
Asia	353.9	363.5	332.0	
Eliminations	-197.4	-186.3	-167.5	
Operating Income	97.3 <10.0%>	94.7 <9.7%>	65.0 <7.1%>	
Japan	41.0 <7.8%>	29.4 <6.1%>	12.0 <2.5%>	
The Americas	10.5 <6.7%>	15.2 <8.6%>	10.0 <6.7%>	
Europe	11.3 <8.2%>	9.2 <6.8%>	7.0 <5.6%>	
Asia	44.2 <12.5%>	48.5 <13.3%>	37.0 <11.1%>	
Eliminations/ Corporate	-9.7	-7.6	-1.0	

#### (Supplementary Information) **Consolidated Balance Sheets (FY2015)**

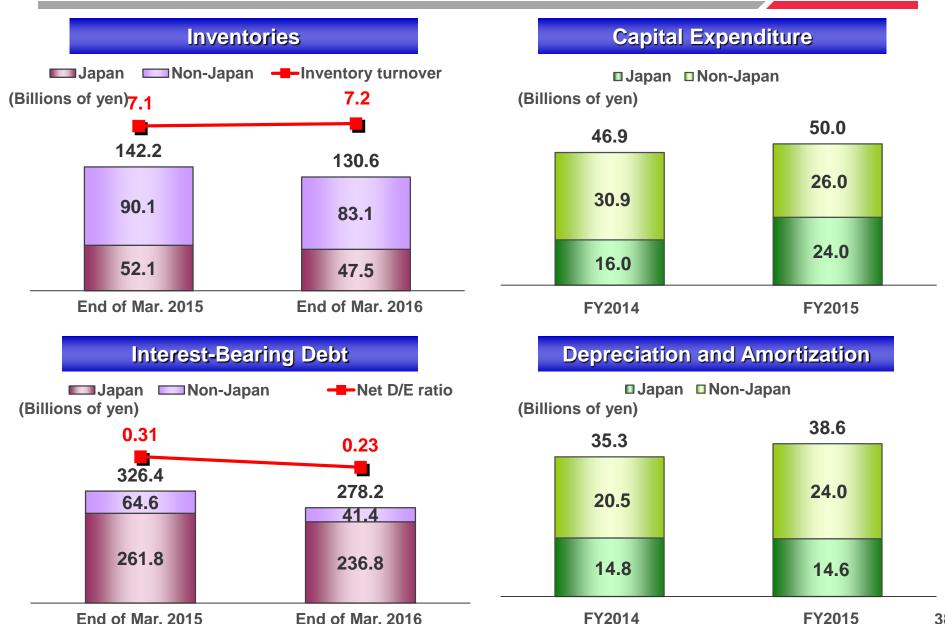




#### (Supplementary Information) Inventories / Interest-Bearing Debt, **Capital Expenditure / Depreciation and Amortization (FY2015)**

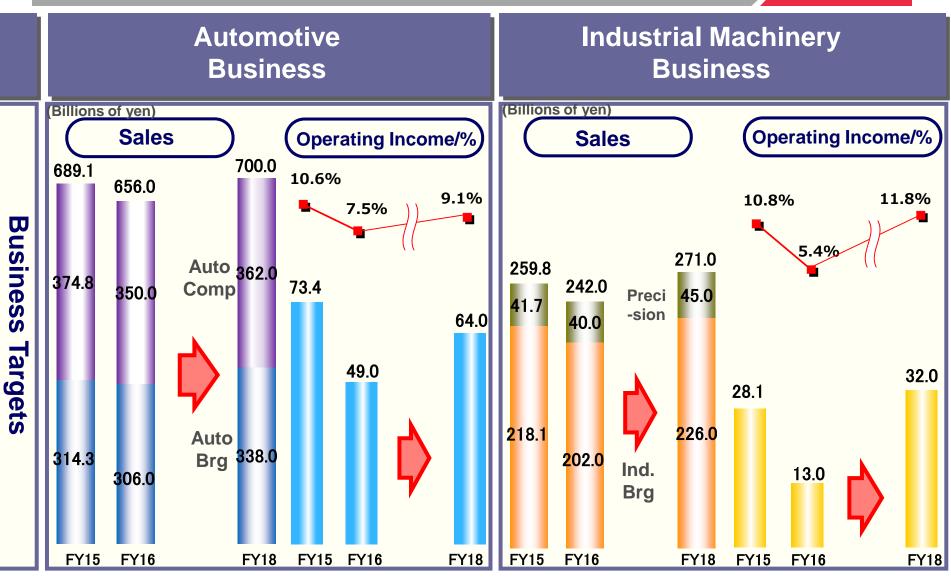






# (Supplementary Information) 5<sup>th</sup> MTP Target by Business Segment





FY2015 [JGAAP] US\$=JY120.14, €=132.58, RMB=18.85 FY2016&FY2018 [IFRS] US\$=JY105, €=120, RMB=16.7

## (Supplementary Information) 5<sup>th</sup> MTP Sales and O.I. by business Segment

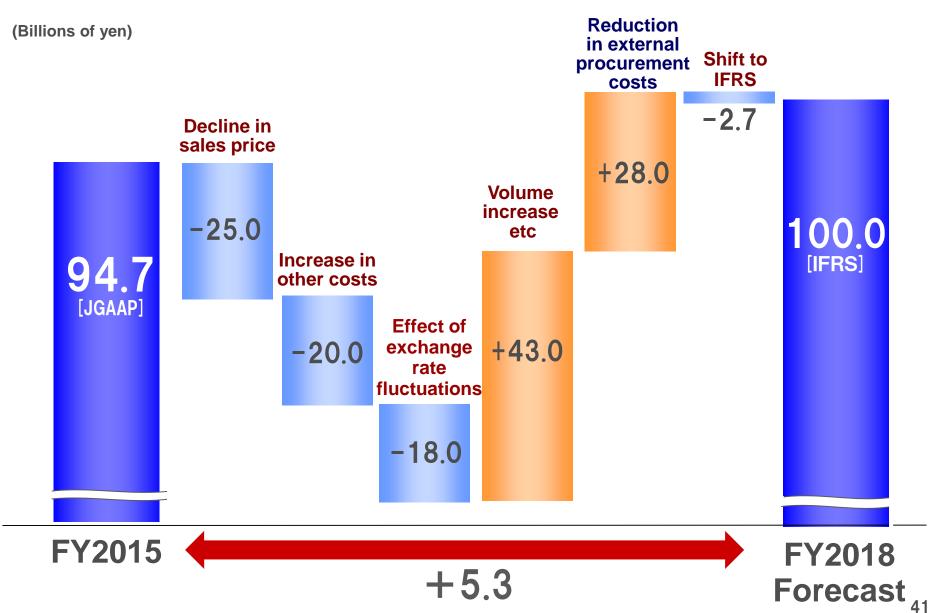


(Billions of yen)	<act< th=""><th colspan="2">FY2015 FY2016 <actual> <forecast> [IFRS]</forecast></actual></th><th>st&gt;</th><th colspan="2">FY2018 <forecast> [IFRS]</forecast></th></act<>	FY2015 FY2016 <actual> <forecast> [IFRS]</forecast></actual>		st>	FY2018 <forecast> [IFRS]</forecast>	
Automotive business						
Sales	689.1		656.0		700.0	
Automotive bearings	314.3		306.0		338.0	
Automotive comps	374.8		350.0		362.0	
Operating income <%>	73.4	<10.6%>	49.0	<7.5%>	64.0	<9.1%>
Industrial machinery business						
Sales	259.8		242.0		271.0	
Industrial machinery bearings	218.1	<u> </u>	202.0		226.0	
Precision machinery and parts	41.7		40.0		45.0	
Operating income <%>	28.1	<10.8%>	13.0	<5.4%>	32.0	<11.8%>
Others						
Sales	52.0		49.0		56.0	
Operating income <%>	3.0	<5.7%>	4.5	<9.2%>	6.0	<10.7%>
Eliminations/Corporate						
Sales	-25.6		-27.0		-27.0	
Operating income	-9.7		-1.5		-2.0	
Total						
Sales	975.3		920.0		1,000.0	
Operating income <%>	94.7	<9.7%>	65.0	<7.1%>	100.0	<10.0%>

#### (Supplementary Information) 5<sup>th</sup> MTP Factors Behind Increase Operating Income (FY2015 ⇒ FY2018)







### (Supplementary Information) 5<sup>th</sup> MTP Capital Expenditure, **Depreciation and Amortization, R&D Expenses**





(Billions of yen)	FY2014 <actual></actual>	FY2015 <actual></actual>	FY2016 <plan></plan>	4 <sup>th</sup> MTP FY2013-FY2015 <actual></actual>	5 <sup>th</sup> MTP FY2016-FY2018 <plan></plan>
Capital expenditure	49.2	54.4	62.0	149.0	180.0
Capital expenditure (excl. intangible assets)	46.9	50.0	57.0	140.2	168.0
		'	<u>'</u>		
Depreciation and amortization	38.6	41.6	42.0	115.3	130.0
Depreciation and amortization (excl. intangible assets)	35.3	38.6	39.0	106.2	121.0
R&D expenses	10.7	11.2	13.0	31.7	40.0