

Neyagawa, Osaka, new clean center (200t/d)

# Financial Results

for the six months ended September 30, 2014



# Hitachi Zosen Corporation

November 4, 2014

President & COO Takashi Tanisho

### **Contents**



- Overview of Financial Results
   for the six months ended September 30, 2014
- 2. Forecast of FY2014
- 3. Details by Segment
- 4. Progress of Mid Term Business Plan "Hitz Vision II"

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# **Key Points of the First Half of FY2014 Results**



Order intake; Increased materially in Environmental
 Systems & Industrial Plants segment

■ FY 2014 forecast;

Order intake; Revised up to 420 billion yen

from 400 billion yen

Net sales; Revised up to 340 billion yen

from 320 billion yen



# 1. OVERVIEW OF FINANCIAL RESULTS FOR THE SIX MONTHS ENDED SEPTEMBER 30, 2014

# The First Half of FY 2014 / Overview

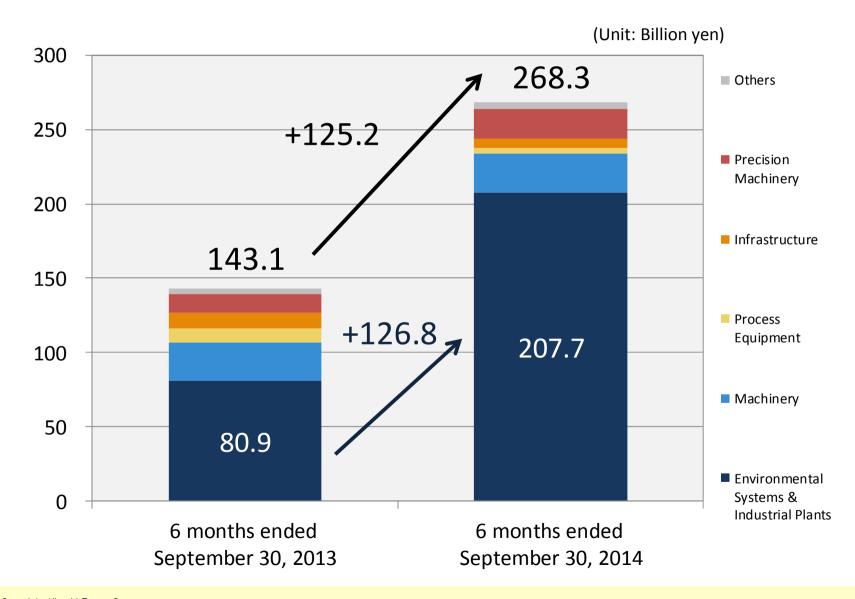


(Unit: Billion yen)

			<u> </u>
	6 months ended	6 months ended	Difference
	September 30, 2013	September 30, 2014	
Order intake	143.1	268.3	125.2
Net sales	128.1	141.7	13.6
Operating income	▲3.7	<b>▲</b> 3.5	0.2
(ratio)	▲2.9%	<b>▲</b> 2.5%	0.4%
Non-operating P&L	▲0.1	<b>▲</b> 1.4	<b>▲</b> 1.3
Ordinary income	▲3.8	<b>▲</b> 4.9	<b>▲</b> 1.1
(ratio)	▲3.0%	▲3.5%	▲0.5%
Extraordinary P&L	<del></del>	3.1	3.1
Income tax & minority interests	▲0.2	<b>▲</b> 1.1	▲0.9
Net income	<b>4</b> .0	<b>▲</b> 2.9	1.1
(ratio)	▲3.2%	▲2.1%	1.1%

# The First Half of FY2014 / Order intake



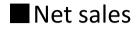


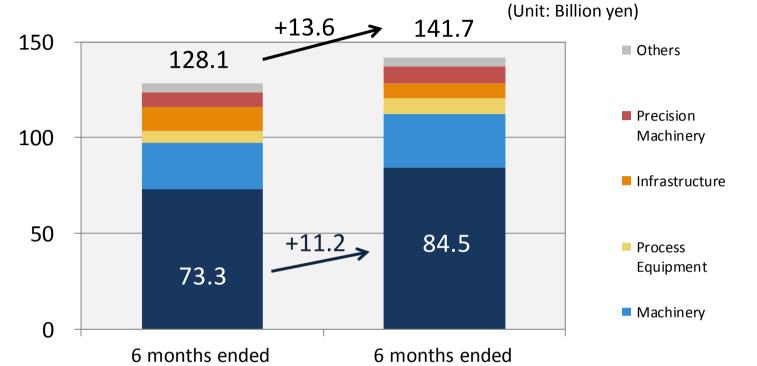
## The First Half of FY2014 / Net sales & Operating income



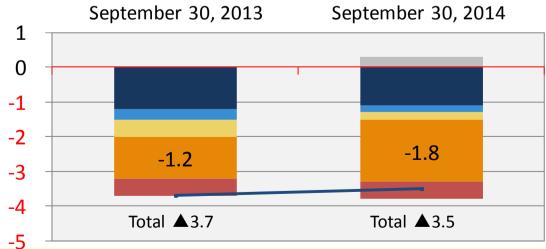
■ Environmental Systems &

**Industrial Plants** 





# ■ Operating income



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# The First Half of FY2014 / by segment



(Unit: Billion yen)

							(01110.	Billion yelly
		Environ- mental Systems & Industrial Plants	Machinery	Process Equipment	Infra- Structure	Precision Machinery	Others	Total
6 months	Order intake	207.7	26.1	4.0	5.9	20.2	4.4	268.3
ended September	Net sales	84.5	27.7	8.6	7.7	8.7	4.5	141.7
30, 2014	Operating income	▲1.1	▲0.2	▲0.2	<b>▲</b> 1.8	▲0.5	0.3	<b>▲</b> 3.5
6 months	Order intake	80.9	26.1	9.0	10.5	12.6	4.0	143.1
ended September	Net sales	73.3	24.2	6.2	12.0	8.2	4.2	128.1
30, 2013	Operating income	▲1.2	▲0.3	▲0.5	▲1.2	▲0.5	0.0	▲3.7
	Order intake	126.8	0.0	▲5.0	<b>▲</b> 4.6	7.6	0.4	125.2
Difference	Net sales	11.2	3.5	2.4	<b>▲</b> 4.3	0.5	0.3	13.6
	Operating income	0.1	0.1	0.3	▲0.6	0.0	0.3	0.2

# The First Half of FY2014 / Increase & Decrease of Operating P&L



(Unit: Billion yen)

	Operating P&L for 6 months ended September 30, 2013				
Breakdown	<ul> <li>Increase of Net sales (+13.6)</li> <li>Decrease of profitable projects         in Environmental Systems &amp; Industrial Plants</li> <li>Decline of profit margin in Infrastructure</li> <li>Increase of SG&amp;A</li> </ul>	1.7 ▲0.7 ▲0.5 ▲0.3	0.2		
	Operating P&L for 6 months ended September 30, 2014		<b>▲</b> 3.5		

# The First Half of FY2014 / Non-operating P&L, Extraordinary P&L



(Unit: Billion Yen)

	6 months ended September 30, 2013	6 months ended September 30, 2014	Difference
Interest expenses (*)	▲0.4	▲0.2	0.2
Equity in net income of non-consolidated affiliates	▲0.8	0.1	0.9
Other Non-operating income	1.1	<b>▲</b> 1.3	<b>▲</b> 2.4
Non-operating P&L	▲0.1	▲1.4	<b>▲</b> 1.3

<sup>(\*)</sup> Interest expenses = interest income + dividends income – interest paid

Extraordinary Loss	Gain on Negative Goodwill	_	3.1	3.1
Extra	ordinary P&L	_	3.1	3.1

# The First Half of FY2014 / Cash flows & Interest bearing debt HitZ



(Unit: Billion yen)

Cash flows	6 months ended September 30, 2013	6 months ended September 30, 2014	Difference
Cash flows from operating activities	<b>▲</b> 4.1	16.4	20.5
Cash flows from investing activities	<b>▲</b> 1.8	<b>▲</b> 7.7	<b>▲</b> 5.9
Cash flows from financing activities	<b>▲</b> 6.0	2.0	8.0
Net increase in cash & cash equivalents	(*1) <b>11.</b> 0	(*1) 10.9	21.9
Cash & cash equivalents at beginning	56.4	49.9	<b>▲</b> 6.5
Cash & cash equivalents at end	(*2) 45.4	(*2) 60.8	15.4

<sup>(\*1)</sup> including effect of exchange rate (1st half 2013: +0.9, 1st half 2014: +0.2)

(Unit: Billion yen)

Interest bearing debt	March 2014	September 2014	Difference
Bank borrowing (incl. Lease liabilities)	94.3	89.0	<b>▲</b> 5.3
Bond issues	10.0	20.0	10.0
Total	104.3	109.0	4.7

<sup>(\*2)</sup> including other increase and decrease



# 2. FORECAST OF FY2014

# **FY2014 Forecast / Overview**

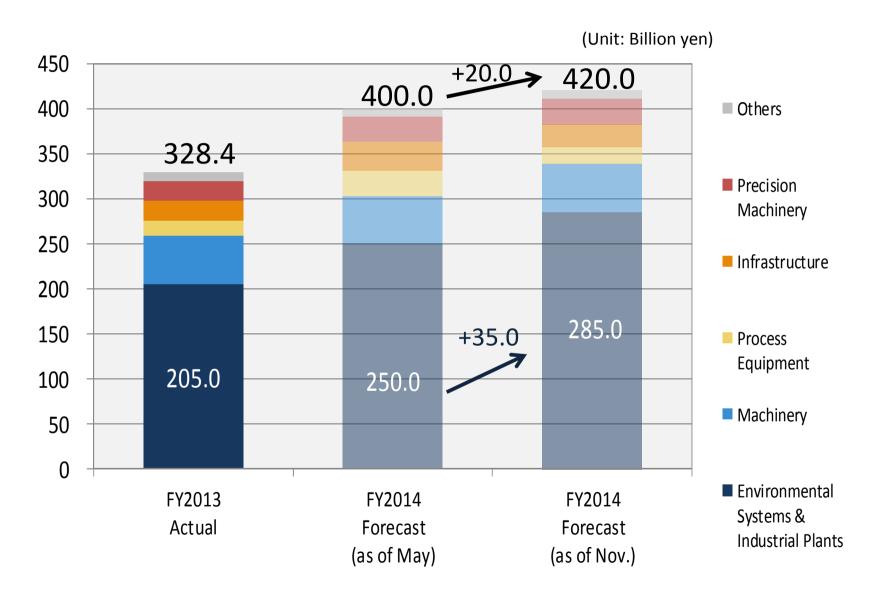


(Unit: Billion yen)

	FY2013	FY2014	Forecast	Differ	ence
	Actual (A)	as of May(B)	as of Nov. (C)	(B-A)	(C-B)
Order intake	328.4	400.0	420.0	91.6	20.0
Net sales	333.4	320.0	340.0	6.6	20.0
Operating income	7.8	10.0	10.0	2.2	0.0
(ratio)	2.4%	3.1%	2.9%	0.5%	▲0.2%
Ordinary income	6.2	8.0	8.0	1.8	0.0
(ratio)	1.9%	2.5%	2.4%	0.5%	▲0.1%
Net income	3.7	4.0	4.0	0.3	0.0
(ratio)	1.1%	1.3%	1.2%	0.1%	▲0.1%

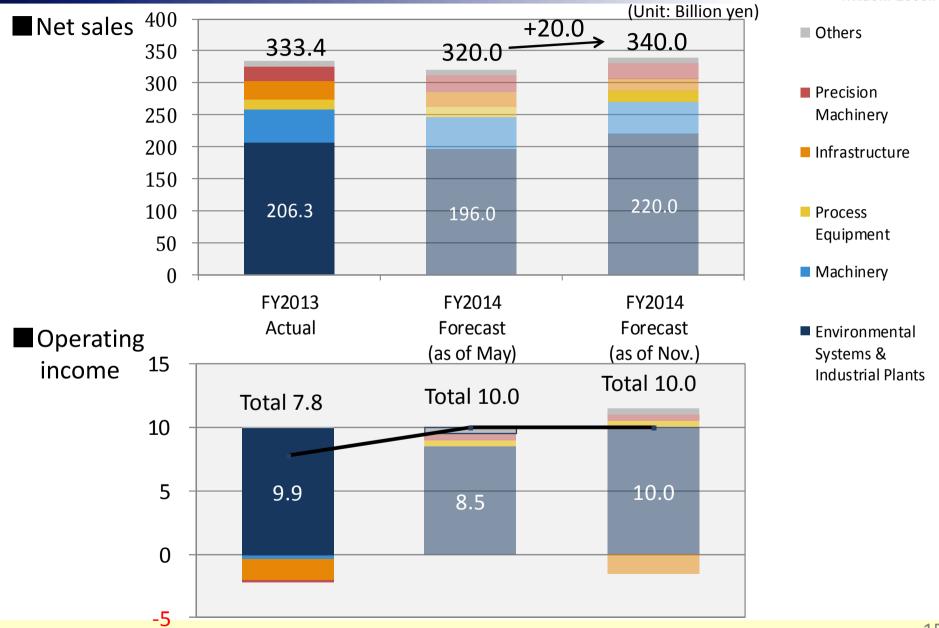
# **FY2014 Forecast / Order intake**





# **FY2014 Forecast / Net sales & Operating income**





# **FY2014 Forecast / by Segments**



(Unit: Billion yen)

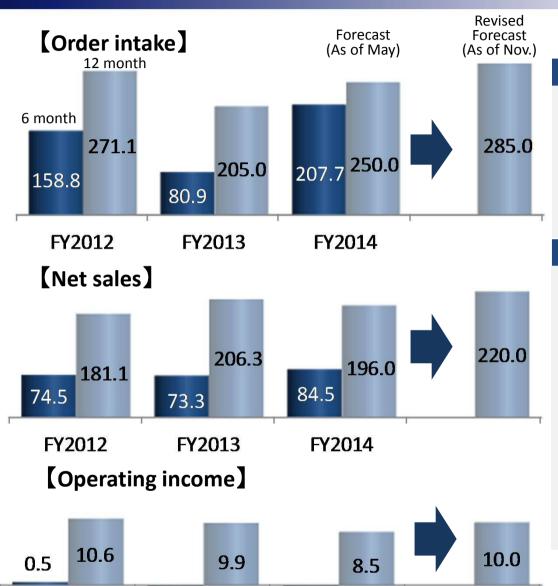
							(Offic. Di	illon yen)	
			Environ- mental Systems & Industrial Plants	Machinery	Process Equipment	Infra- structure	Precision Machinery	Others	Total
		Order intake	285.0	53.0	20.0	25.0	28.0	9.0	420.0
	As of Nov.	Net sales	220.0	50.0	17.0	19.0	25.0	9.0	340.0
FY2014		Operating income	10.0	0.0	0.5	<b>▲</b> 1.5	0.5	0.5	10.0
Forecast		Order intake	250.0	53.0	28.0	32.0	28.0	9.0	400.0
	As of May	Net sales	196.0	50.0	17.0	23.0	25.0	9.0	320.0
		Operating income	8.5	0.0	0.5	0.0	0.5	0.5	10.0
		Order intake	205.0	53.3	17.3	22.5	21.9	8.4	328.4
FY201 Actua		Net sales	206.3	51.9	16.0	28.1	22.6	8.5	333.4
		Operating income	9.9	-0.4	0.0	-1.6	-0.2	0.1	7.8



# 3. DETAILS BY SEGMENT

# **Environmental Systems and Industrial Plants**





-1.1

(Unit: Billion yen)

#### Order intake

#### FY2014 Semi Annual Result -April to Sept. 2014

- •Yen 207.7 (+ Yen 126.8 YoY)
- Increase of EPC and DBO of domestic EfW Plants

#### FY2014 Annual Forecast -as of November

- Yen 285.0 (+ Yen 35.0 from May Forecast)
- Increase of EPC domestic EfW Plants

#### Net sales/Operating income

#### FY2014 Semi Annual Result -April to Sept. 2014

- <Net sales>
- Yen 84.5 (+ Yen 11.2 YoY)
- <Operating income>
- •Yen -1.1 (+ Yen 0.1 YoY)
- •Increase of Inova's EfW Project
- Decrease of profitable projects

#### FY2014 Annual Forecast –as of November

- <Net sales>
- Yen 220.0 (+ Yen 24.0 from May Forecast)
- <Operating income>
- Yen 10.0 (+ Yen 1.5 from May Forecast)
- Increase of AOM, and EPC Project for EfW

EfW: Energy from Waste

EPC: Engineering, Procurement and Construction

DBO: Design, Build and Operate

AOM: After-sales Service, Operation and Maintenance

-1.2

# **Machinery**







#### FY2014 Semi Annual Result -April to Sept. 2014

•Yen 26.1

#### FY2014 Annual Forecast –as of November

- •Yen 53.0
- The market of Marin diesel engines to be a steady

#### Net sales/Operating income

#### FY2014 Semi Annual Result -April to Sept. 2014

<Net sales>

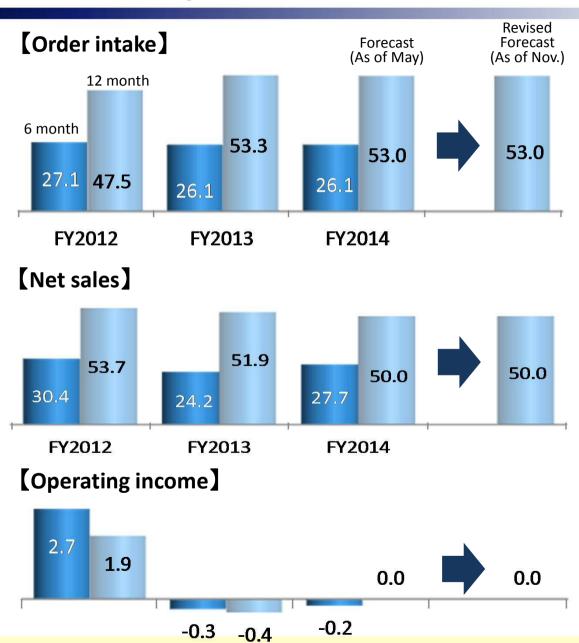
- •Yen 27.7 (+ Yen 3.5 YoY)
- Increase of Marine diesel engines

<Operating income>

- \*-Yen 0.2 (+ Yen 0.1 YoY)
- Increase of Net sales of Marine diesel engines

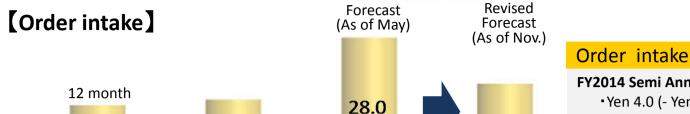
#### FY2014 Annual Forecast –as of November

- •Net sales Yen 50.0
- •Operating income Yen 0.0
- Unchanged from May Forecast



# **Process Equipment**





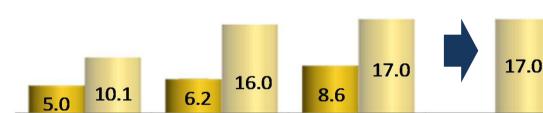
9.0 1.9 FY2012 FY2013

6 month **16.3** 

**Net sales** 

FY2014

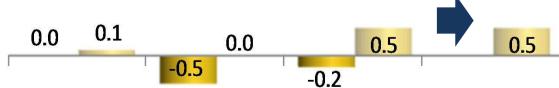
4.0



17.3

FY2012 FY2013 FY2014

### **(Operating income)**



(Unit: Billion Yen)

20.0

#### FY2014 Semi Annual Result -April to Sept. 2014

- •Yen 4.0 (- Yen 5.0 YoY)
- Delay in order intake of large Reactor

#### FY2014 Annual Forecast –as of November

- Yen 20.0 (- Yen 8.0 from May Forecast)
- Delay in order intake of Reactor and Nuclear fuel cycling-related equipment

#### Net sales/Operating income

#### FY2014 Semi Annual Result -April to Sept. 2014

<Net sales>

- •Yen 8.6 (+ Yen 2.4 YoY)
- Increase of Large Reactor

<Operating income>

- -Yen 0.2 (+ Yen 0.3 YoY)
- Improvement of Reactor profitability

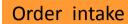
#### FY2014 Annual Forecast -as of November

- Net sales Yen 17.0
- Operating income Yen 0.5
- Unchanged from May Forecast

### Infrastructure







#### FY2014 Semi Annual Result -April to Sept. 2014

•Yen 5.9 (- Yen 4.6 YoY)

#### FY2014 Annual Forecast -as of November

- •Yen 25.0 (- Yen 7.0 YoY)
- Revised down from May Forecast

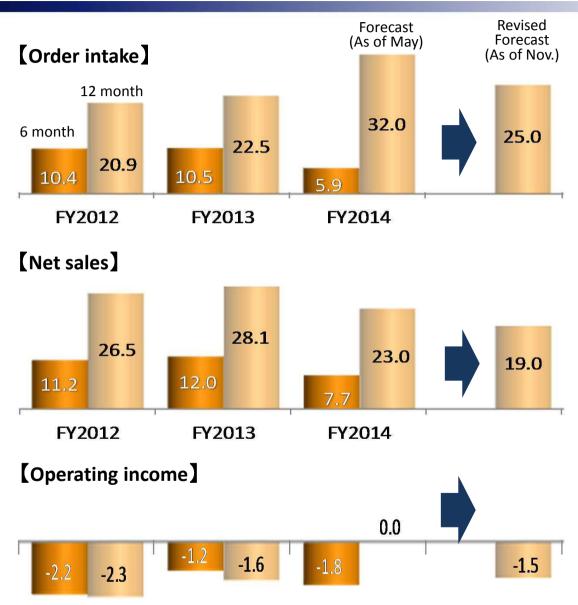
#### Net sales/Operating income

#### FY2014 Semi Annual Result -April to Sept. 2014

- <Net sales>
  - •Yen 7.7 (- Yen 4.3 YoY)
  - Due to decrease of order intake
- <Operating income>
  - --Yen 1.8 (- Yen 0.6 YoY)
  - Decline in profitability of projects

#### FY2014 Annual Forecast –as of November

- •Net sales Yen 19.0 (- Yen 4.0 YoY)
- •Operating income -Yen 1.5 (- Yen 1.5 YoY)

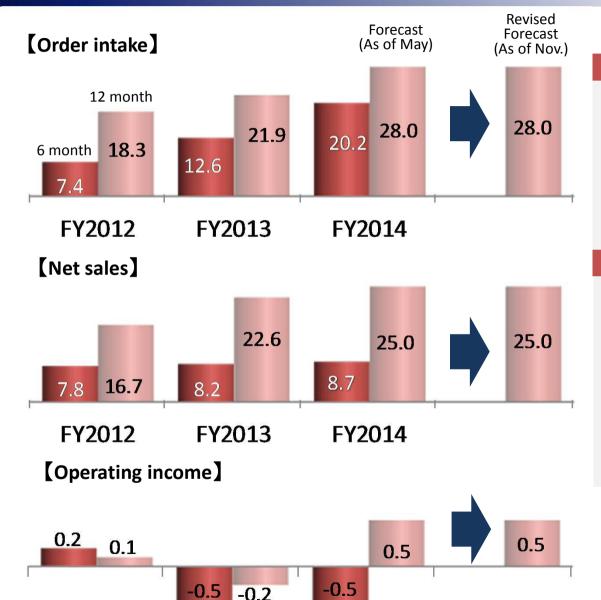


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# **Precision Machinery**







-0.2

#### Order intake

#### FY2014 Semi Annual Result -April to Sept. 2013

- •Yen 20.2 (+ Yen 7.6 YoY)
- Increase of Construction of Mega Solar Power Plant and production systems for Solar cell

#### FY2014 Annual Forecast –as of November

Yen 28.0 (unchanged from May Forecast)

#### Net sales/Operating income

#### FY2014 Semi Annual Result -April to Sept. 2014

- <Net sales>
  - Yen 8.7 (+ Yen 0.5 YoY)
- <Operating income>
  - --Yen 0.5

#### FY2014 Annual Forecast –as of November

- •Net sales Yen 25.0
- •Operating income Yen 0.5
- Unchanged from May Forecast

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# 4. PROGRESS OF MID TERM BUSINESS PLAN "HITZ VISION II"

# Key Measure for "Hitz Vision II"



	◆ Growth areas a company"	and "Technology-oriented	In growth areas, implement strategies under the concept of "Technology-oriented company"	
Inno	◆ Strengthen profitability		<ul> <li>Build a mechanism for driving change in unprofitable businesses</li> <li>Promote balanced management</li> <li>Expand use of ICT</li> </ul>	
ovate		Promote operations at overseas bases	<ul> <li>Strengthen control functions, promote policies by area</li> <li>Continue to expand overseas bases, strengthen governance</li> </ul>	
Innovate businesses	◆ Strengthen potential for business	Reform development processes to accelerate profitability of new businesses and products	<ul> <li>For key projects, assemble project teams to accelerate marketing of products and businesses</li> <li>Strengthen assessment of business feasibility</li> <li>Build a strong and globally competitive research structure</li> </ul>	
	growth	Facilitate synergy by fortify group strengths	<ul> <li>Facilitate synergy with Inova and NAC</li> <li>Pursue synergy of Daiki Ataka merger and consolidation of NTI</li> <li>Expand operations, enhance profitability and utilize human resources through further reorganization and integration of group</li> </ul>	
		Promote M&A	<ul> <li>Pursue synergy with existing businesses and technologies</li> <li>Accelerate operation at overseas bases</li> <li>Utilize human resources</li> </ul>	
ma –	◆ Promote flat-m structure	natrix management	Fortify use of ICT, group strengths, quality control, environment and safety	
Innovate management	◆ Fortify financial structure		<ul> <li>Secure fund for growth strategies, improve financial structure</li> <li>Strengthen IR to improve debt rating and stock prices</li> <li>Global cash management and effective use of fund</li> </ul>	
ent	◆ Reform human resources development and corporate culture		<ul><li>Develop human resources</li><li>Recruit and utilize diverse human resources</li></ul>	

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### Strengthen profitability: Expansion in growth areas



# 1 Aim to be No.1 in global EfW market

EfW: Energy from Waste

### **■** EfW and Incineration Plants

EPC: Engineering, Procurement and Construction DBO: Design, Build and Operate

Japan

Order intake from April to October, 2014

#### EPC / DBO

1.	Yuzawa Ogachi Wide Area Municipal Association, Akita	EPC	Plant 37t/d × 2
2.	Joetsu, Niigata	DBO	Plant 85t/d × 2 + 20.5years LT Operation
3.	Neyagawa, Osaka	EPC	Plant 100t/d × 2
4.	Namie, Fukushima ((Volume Reducing Treatment)	EPC	Plant 300t/d + Operation

#### Retrofit

- 1. Matsumoto, Shiojiri Municipal Association, Nagano
- 2. Kiryu, Gunma
- 3. Tanabe, Wakayama
- 4. Sendai, Miyagi



## **Strengthen profitability: Expansion in growth areas**



# 1 Aim to be No.1 in global EfW market

EfW: Energy from Waste

### **■** EfW and Incineration Plants

### **Overseas**

EPC	
Poznan (Poland) by HZ Inova	EPC of a multi-fuel EfW plant (360t/d × 2)
<ul><li>Hereford &amp; Worcestershire (UK) by HZ Inova</li></ul>	EPC of a multi-fuel EfW plant (624t/d $ imes$ 1)
<ul><li>Dublin (Ireland) by HZ Inova</li></ul>	EPC of a multi-fuel EfW plant (840t/d $ imes$ 2)
Jabalpur (India) HZ India	EPC of a multi-fuel EfW plant (600t/d $ imes$ 1)





## Strengthen profitability: Expansion in growth areas



### 2AOM +long-term operation of EfW facilities

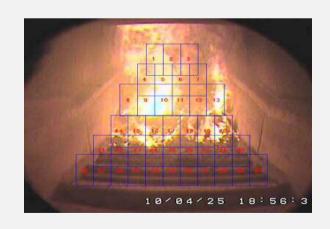
AOM: After service,
Operation and Maintenance

### **■**Expand of Retrofit business

	FY2012	FY2013	FY2014 ( end of October ,2014)
Number of accepted orders	5 Katagami, Matsudo, Kamo Chichibu, Kameoka	2 Katori, Kurashiki	4 Matsumoto, Shiojiri Municipal Association, Kiryu, Tanabe, Sendai

## ■ CoSMoS® System

- Introduced for Neyagawa city EPC Project
- Learn the decisions of seasoned engineers, forms a model to maintain optimal combustion settings



### **Strengthen profitability: Turn around of unprofitable businesses**



# 1 Marine diesel engines

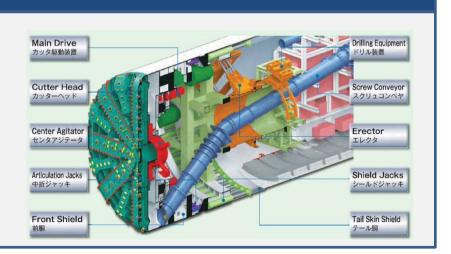
- Expand market using SCR
- SCR System for marine engines received
   World's First Approval from MAN Diesel & Turbo(MAN)
- Expand of after-sales market using SCR



Certificate of Approval from MAN

# 2Shield tunneling machine

- Promote development new technology
  - Making the task force team for this project involved Technical Research Institute
  - Improve process of risk assessment before receiving orders



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### Promote operations at overseas bases and M&A



### **1**Hitz Global Meeting

- One Team!
  - Sharing management plan of Hitz Vision II
  - Strengthening governance
  - Collaboration between affiliates



### 2M&A of Cumberland

- Expanding Seawater electrolysis equipment business
  - Strengthening after-sales and maintenance service network
  - Using Cumberland's sales network in Middle east for other field of water treatment business

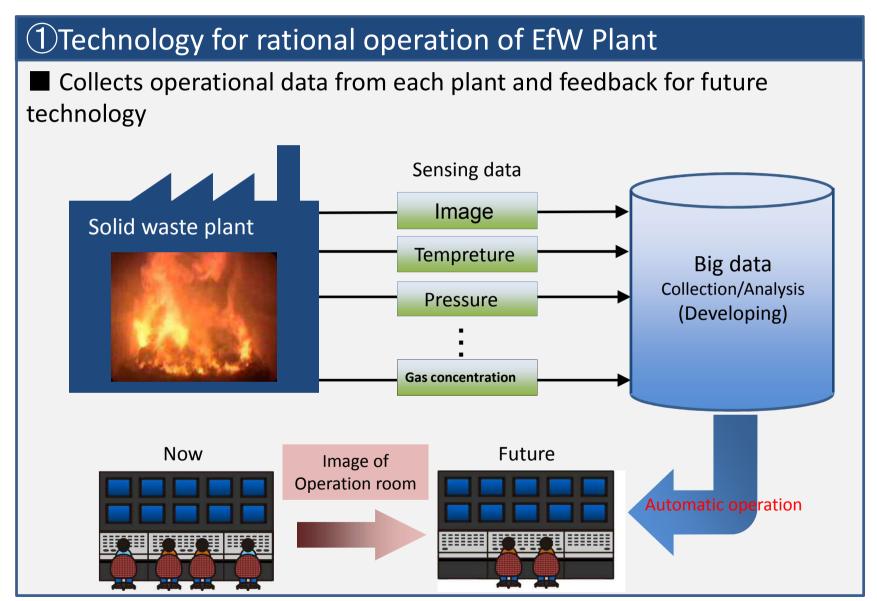




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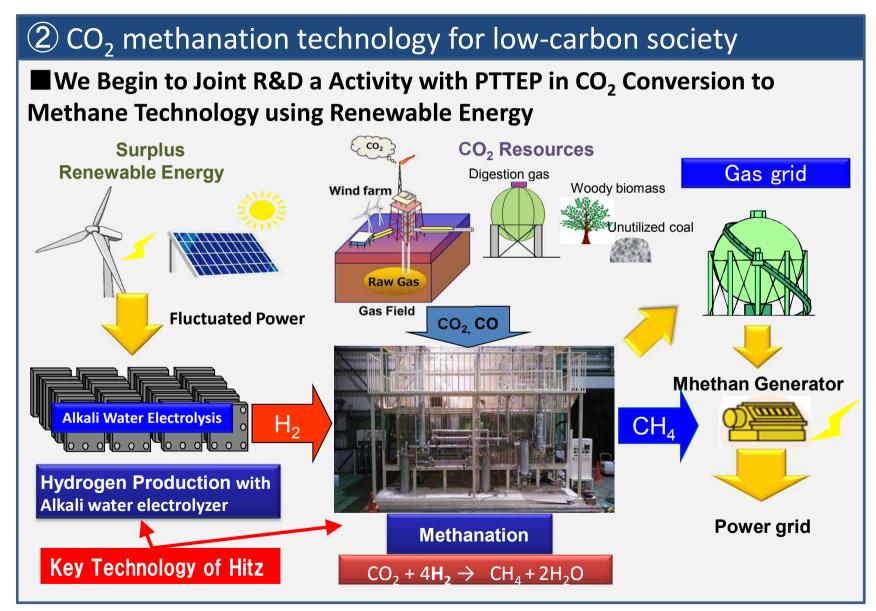
### **New Products New Business**





### **New Products New Business**





# Fortify group strengths



### Group reorganization

- Merger of Daiki Ataka
  - Expand of water treatment business
  - Promote commercialization of Ballast water treatment system

- Integration of NTI and HECE
  - Expand customers, products, services
  - The effective use of qualified personnel, technical experts
- Integration of NSK and KSK
  - Improve profitability by consolidation of management divisions
  - Promote handing down of skills

# **Hitz Vision II Objectives**



(Unit: Billion Yen)

	FY2014		FY2015	FY2016
	Hitz-V <b>II</b> Plan	Forecast	Hitz-V <b>I</b> I Plan	Hitz-V <b>I</b> Plan
Order intake	400.0	420.0	450.0	500.0
Net sales	320.0	340.0	350.0	400.0
Operating income	10.0	10.0	17.0	23.0
Ordinary income	8.0	8.0	14.0	20.0
Net income	4.0	4.0	8.0	13.0
Interest bearing debt	131.1	131.1	126.0	120.0
Shareholders' equity ratio	27.6%	27.6%	28.6%	30.6%





### **Cautionary Statement**

Forward-looking statements are based on information currently available to Hitachi Zosen Corporation. Therefore those forward-looking statements include unknown risks and uncertainties. Accordingly, you should note that the actual results could differ materially from those forward-looking statements. Risks and uncertainties that could influence the ultimate outcome include, but are not limited to, the economic conditions surrounding Hitachi Zosen Corporation and/or exchange rate fluctuation.

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