# Kurita Water Industries Ltd.

Results Presentation for the First Half of the Year Ending March 31, 2015



(Stock code: 6370)

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# Consolidated Financial Results for the First Half of the Year Ending March 31, 2015

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- 7. Overseas Businesses (sales by region and business)
- 8. Capital Expenditures, Depreciation, and R&D Expenses
- 9. Financial Condition



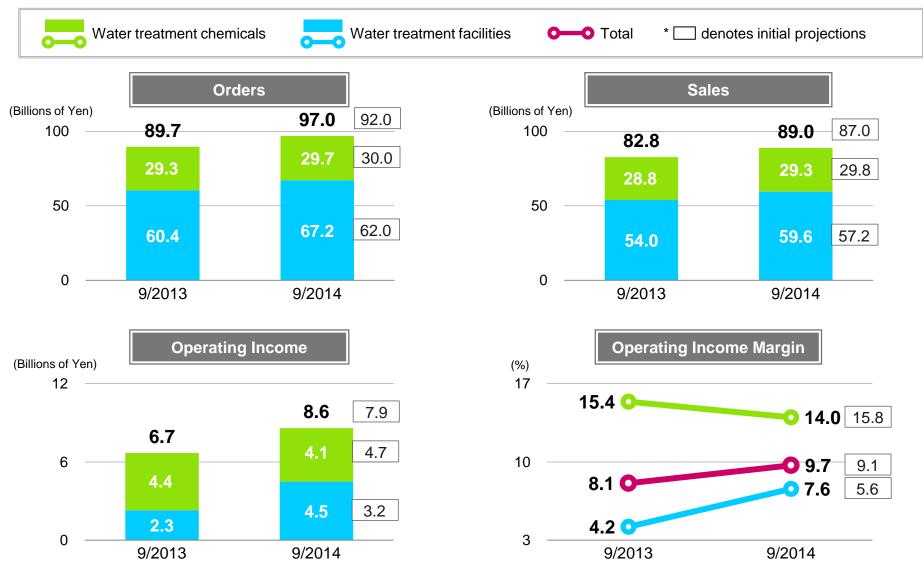
# 1. Financial Highlights

(Billions of Yen)

|                    | Fiscal Year to<br>March 2014<br>First Half Actual | Fiscal Year to<br>March 2015<br>First Half Initial<br>Projections | Fiscal Year to<br>March 2015<br>First Half Actual | Year-on-Year<br>Change |
|--------------------|---|---|---|------------------------|
| Orders             | 89.7  | 92.0  | 97.0  | + 8.1%                 |
| Net Sales          | 82.8  | 87.0  | 89.0  | + 7.5%                 |
| Operating Income   | 6.7   | 7.9   | 8.6   | + 28.9%                |
| Ordinary<br>Income | 7.2   | 8.3   | 9.2   | + 28.4%                |
| Net Income         | 4.1   | 5.3   | 5.9   | + 43.4%                |

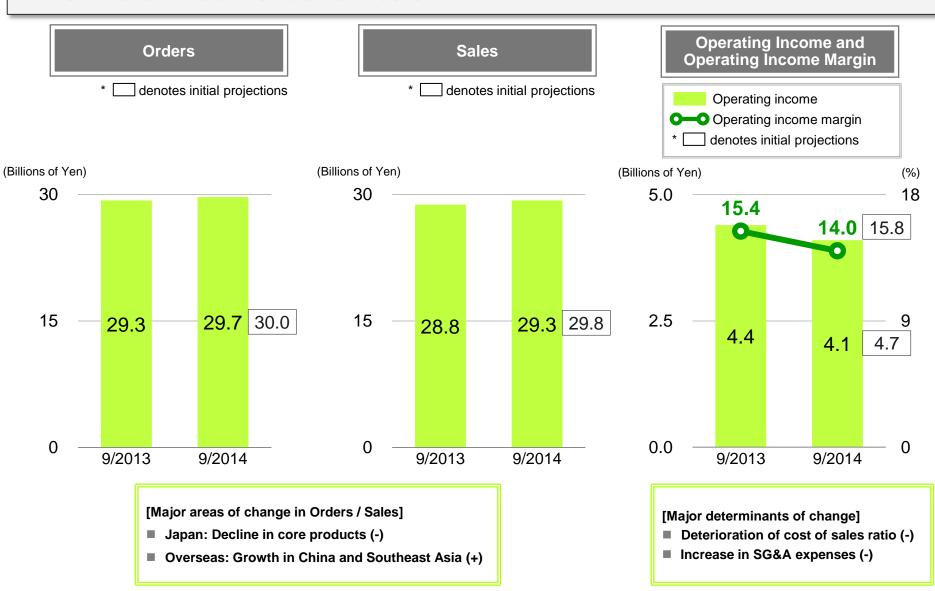


## 2. Orders, Sales, Operating Income, and Operating Income Margin



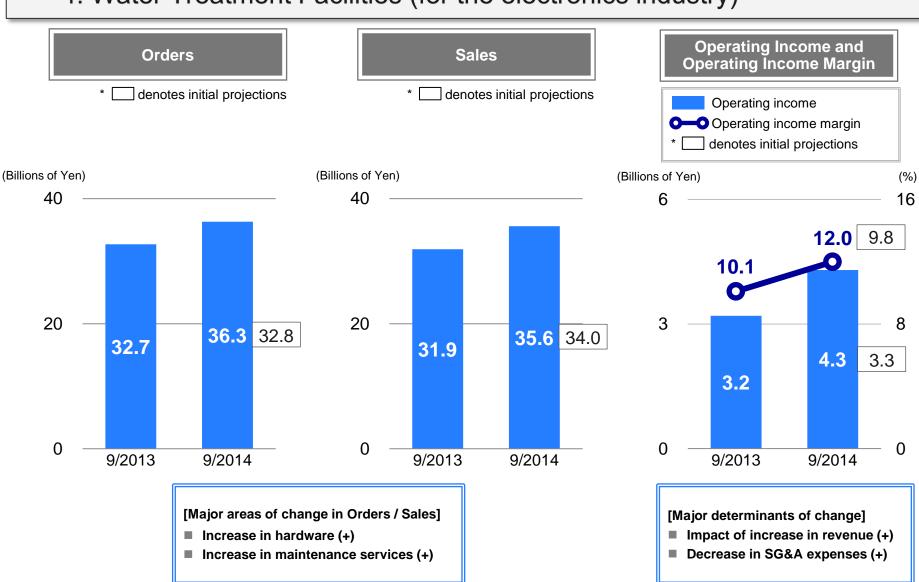


#### 3. Water Treatment Chemicals



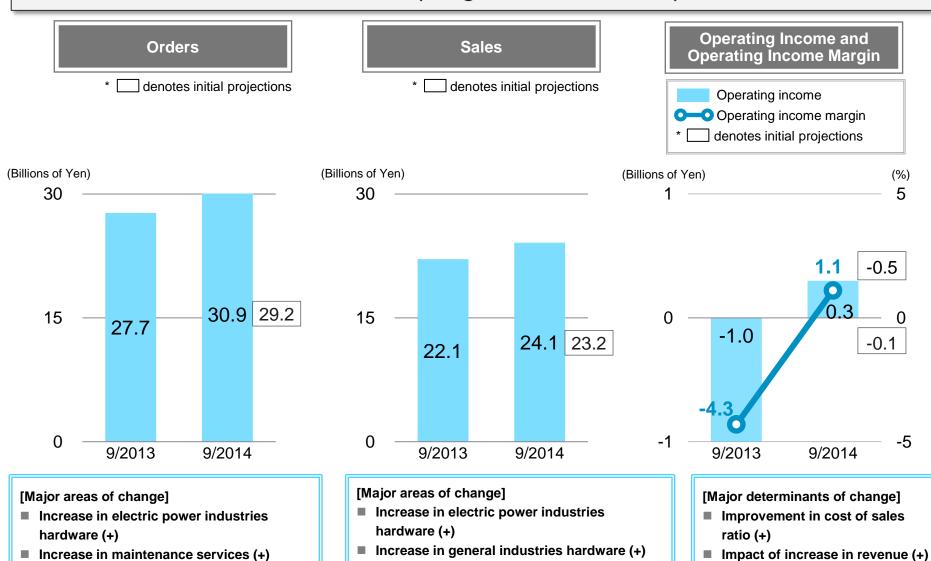


## 4. Water Treatment Facilities (for the electronics industry)





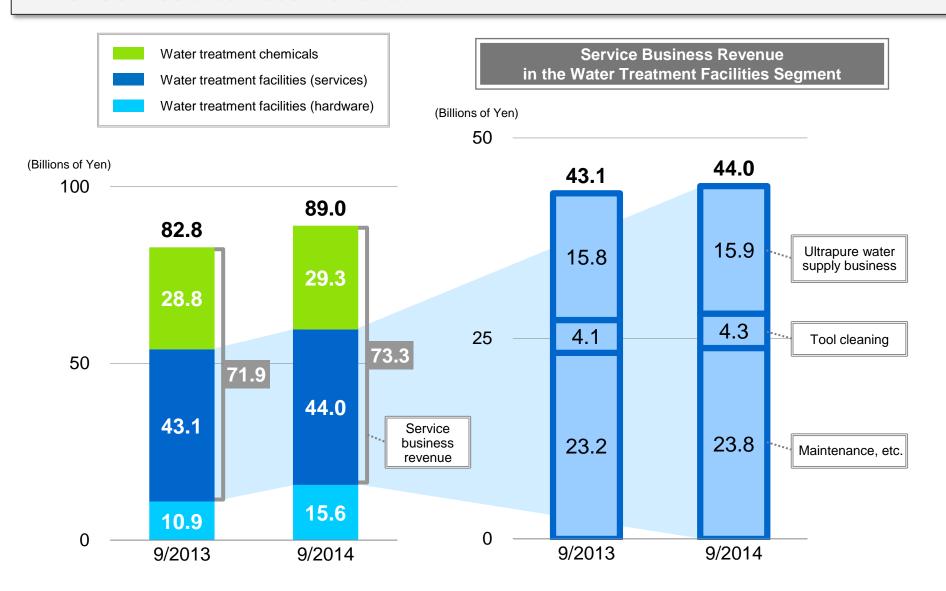
## 5. Water Treatment Facilities (for general industries)



■ Increase in maintenance services (+)

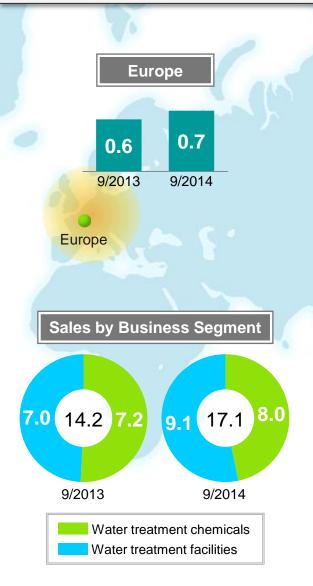


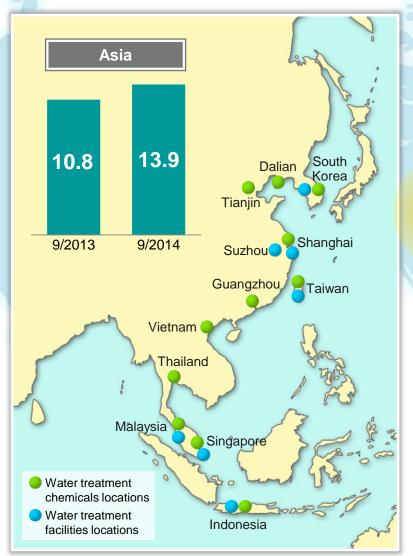
#### 6. Service Business Revenue

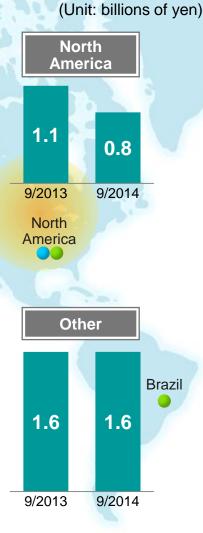




## 7. Overseas Businesses (sales by region and business)

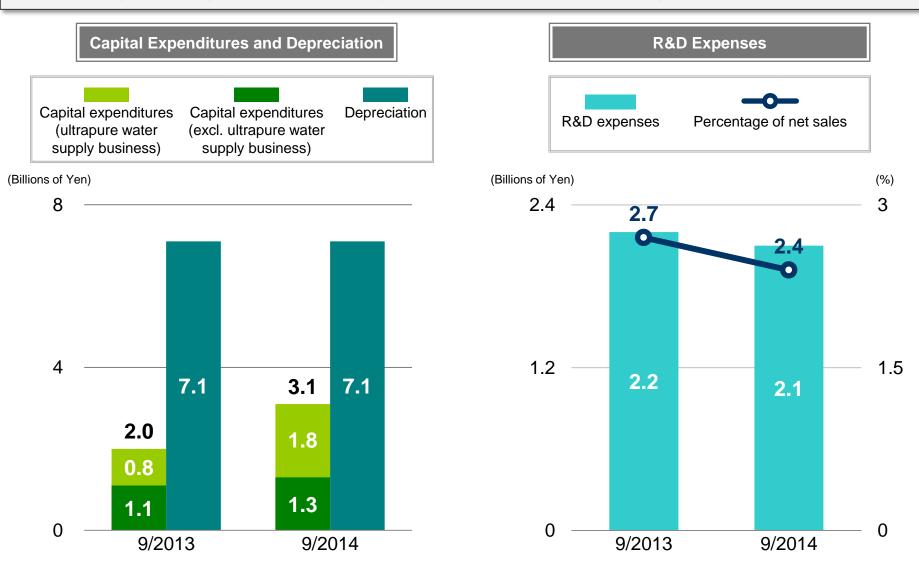






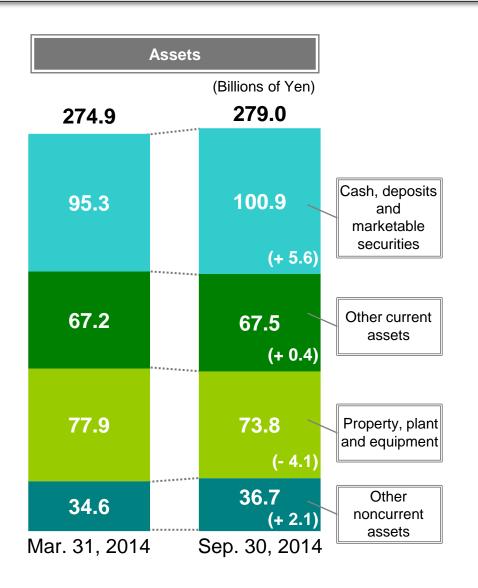


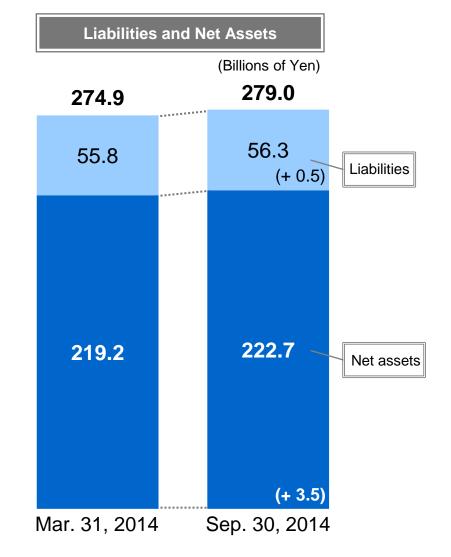
## 8. Capital Expenditures, Depreciation, and R&D Expenses





#### 9. Financial Condition





#### Consolidated Business Plan for the Fiscal Year Ending March 31, 2015

- 1. Overview
- 2. Key Assumptions
- 3. Orders, Sales, Operating Income, and Operating Income Margin
- 4. Water Treatment Chemicals
- 5. Water Treatment Facilities (for the electronics industry)
- 6. Water Treatment Facilities (for general industries)
- 7. Service Business Revenue
- 8. Overseas Businesses (sales by region and business)
- 9. Ultrapure Water Supply Business
- 10. Capital Expenditures, Depreciation, and R&D Expenses
- 11. Shareholder Return



# 1. Overview

(Billions of Yen)

|                  | Fiscal Year to<br>March 2014<br>Actual | Fiscal Year to<br>March 2015<br>Projection | Year-on-Year<br>Change |
|------------------|--|--|------------------------|
| Orders           | 173.5                                  | 189.0                                      | + 9.0%                 |
| Net Sales        | 178.1                                  | 185.0                                      | + 3.9%                 |
| Operating Income | 14.9                                   | 17.0                                       | + 14.2%                |
| Ordinary Income  | 16.1                                   | 17.8                                       | + 10.8%                |
| Net Income       | 9.4                                    | 11.0                                       | + 17.6%                |



#### 2. Key Assumptions



#### Water treatment chemicals

- Domestic customers' capacity utilization will not likely recover sharply.
- In emerging countries, given economic growth and rising populations, plant construction and Japanese companies' expansion of overseas production will continue to increase.

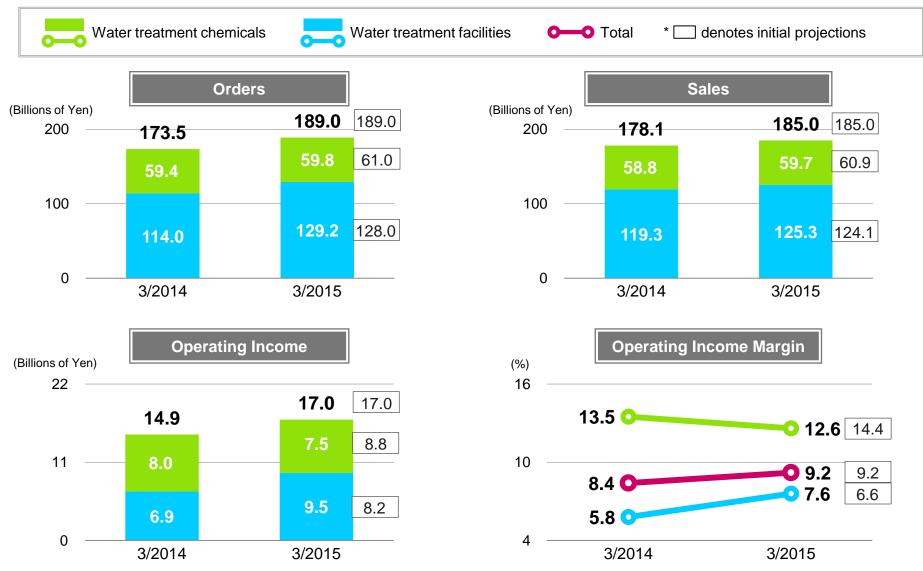


#### Water treatment facilities

- In Japan, although demand for capital investment in plant construction and expansion will likely be weak, demand for the replacement of old equipment is expected.
- In East Asia, capital investment in the semiconductor/LCD industries vary from product to product and from customer to customer.

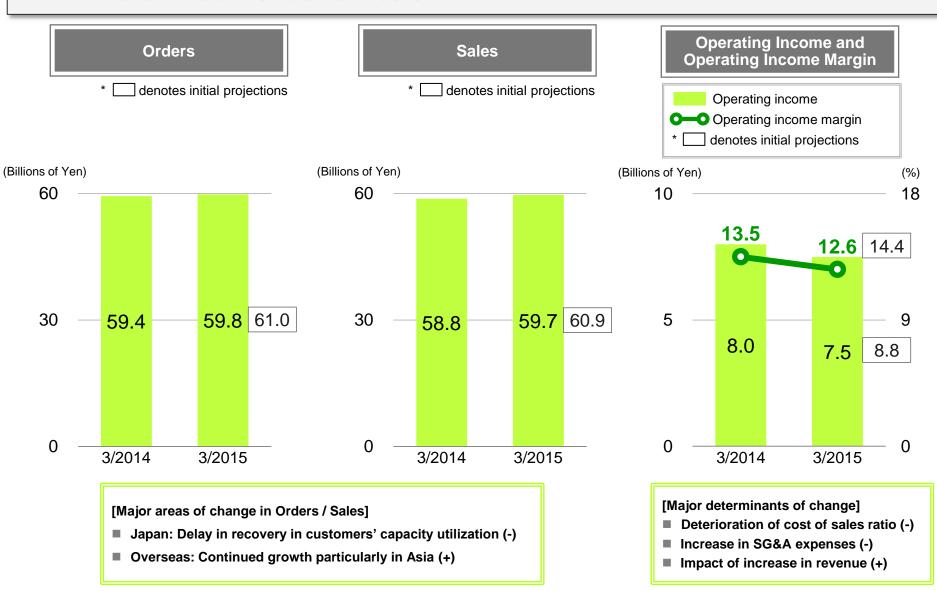


# 3. Orders, Sales, Operating Income, and Operating Income Margin



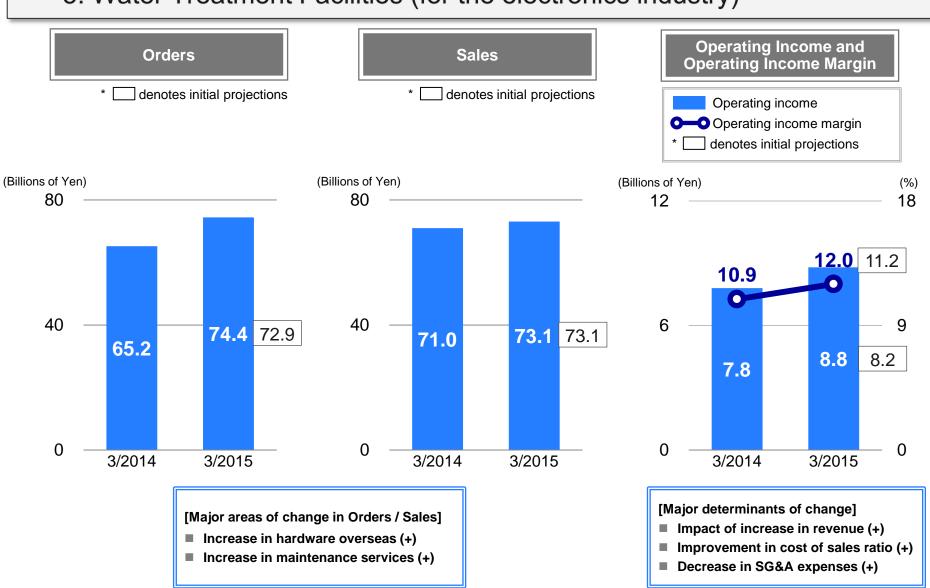


#### 4. Water Treatment Chemicals



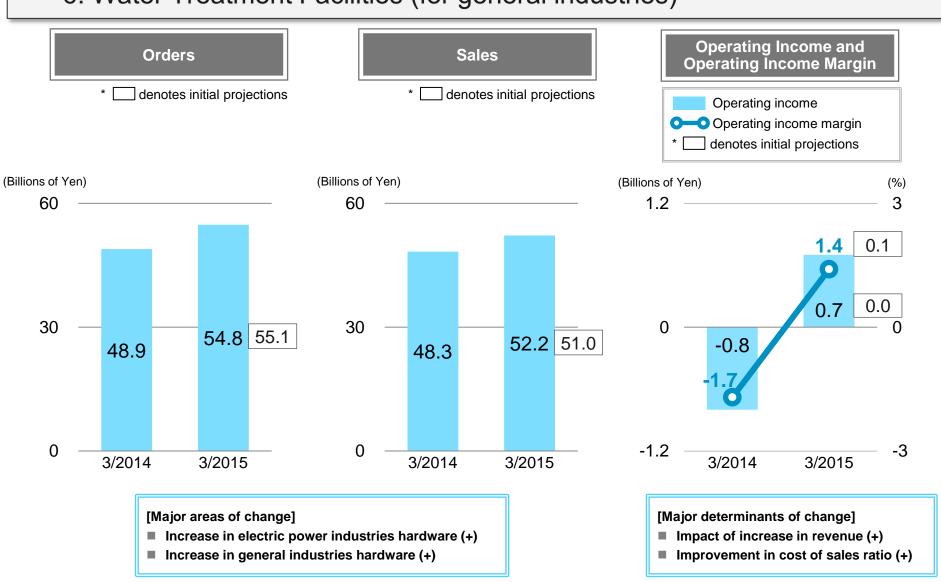


# 5. Water Treatment Facilities (for the electronics industry)



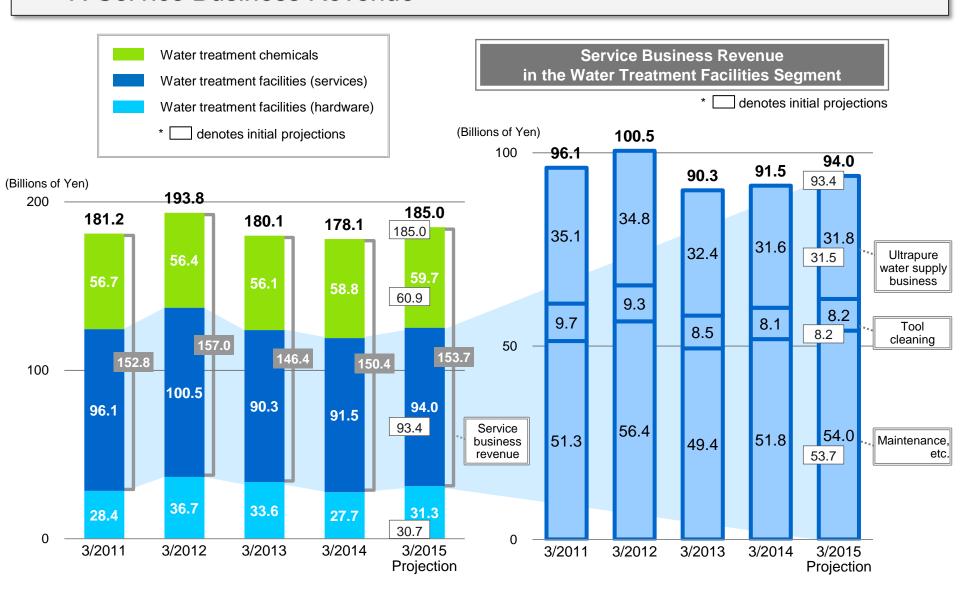


#### 6. Water Treatment Facilities (for general industries)



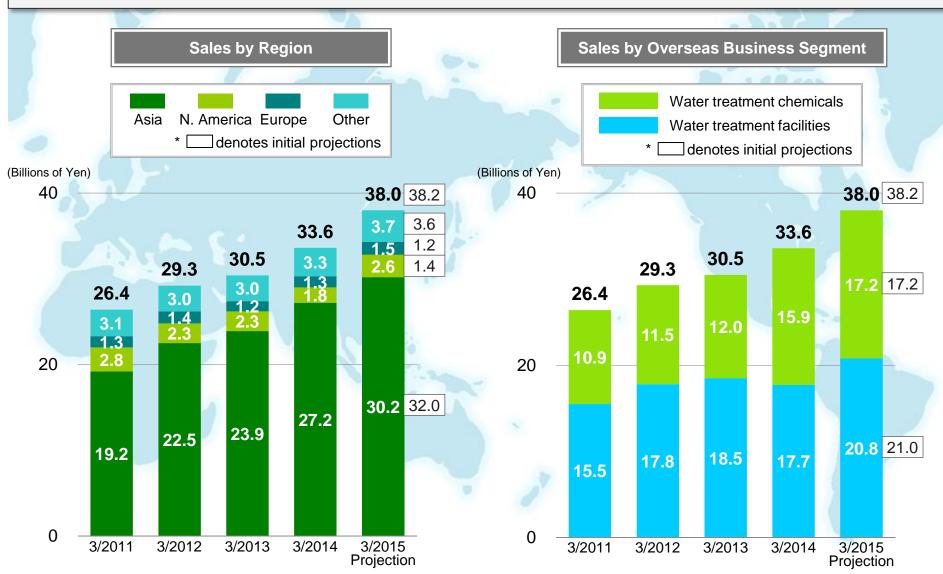


#### 7. Service Business Revenue



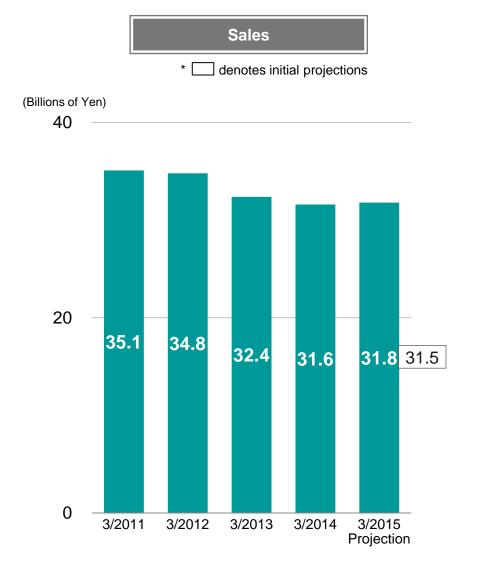


# 8. Overseas Businesses (sales by region and business)





# 9. Ultrapure Water Supply Business

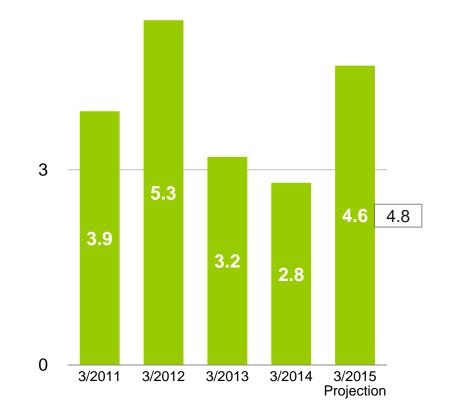


#### **Capital Expenditures**

\* denotes initial projections

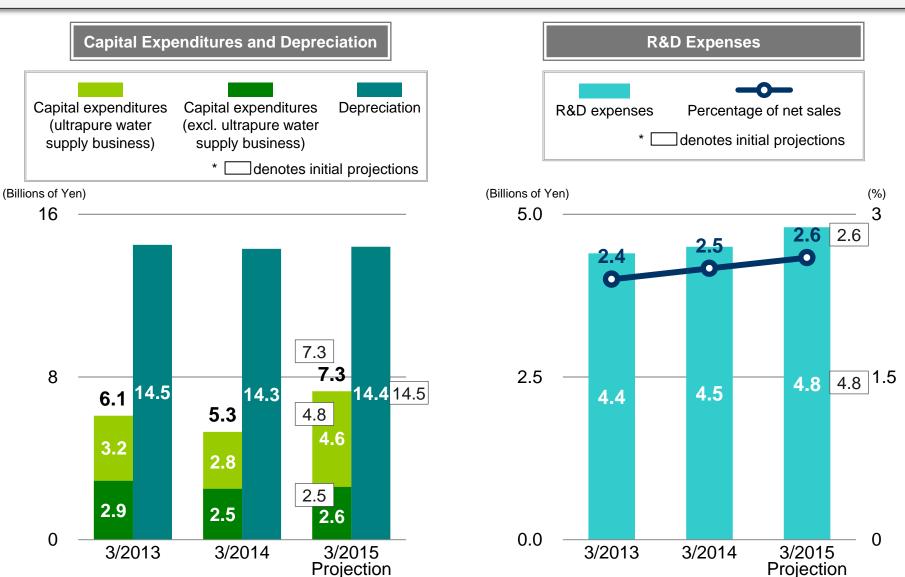
(Billions of Yen)

6



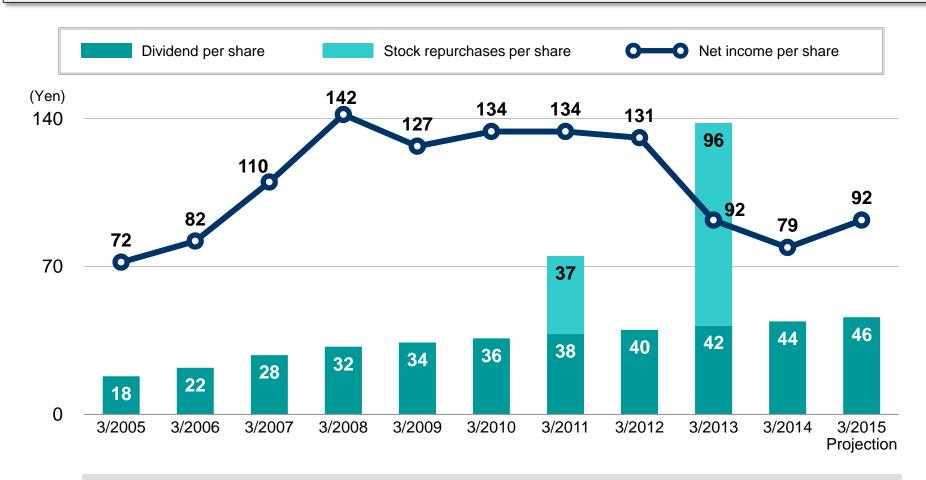


# 10. Capital Expenditures, Depreciation, and R&D Expenses





#### 11. Shareholder Return



Kurita's basic policy is to maintain stable dividends, and the company will work to increase dividends while giving due consideration to trends in results and investments in its businesses.

Meanwhile, Kurita will make decisions about stock repurchases flexibly and with agility.

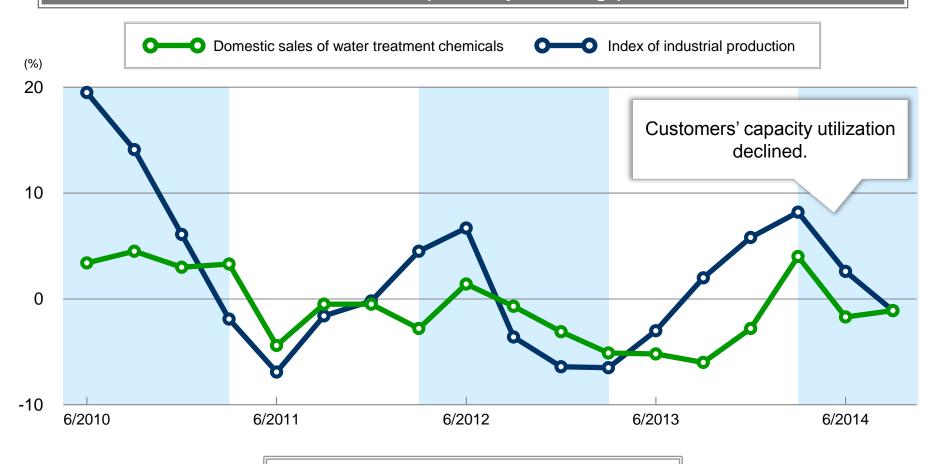
#### **Business Environment and Outlook**

- 1. Water Treatment Chemicals (Japan)
- 2. Water Treatment Chemicals (Overseas)
- 3. Water Treatment Facilities (Profitability)
- 4. Water Treatment Facilities (Ultrapure Water Supply Business)
- 5. New Products and Services (1)
- 6. New Products and Services (2)



# 1. Water Treatment Chemicals (Japan)

# Domestic Sales of Water Treatment Chemicals and Index of Industrial Production (Year-on-year Change)

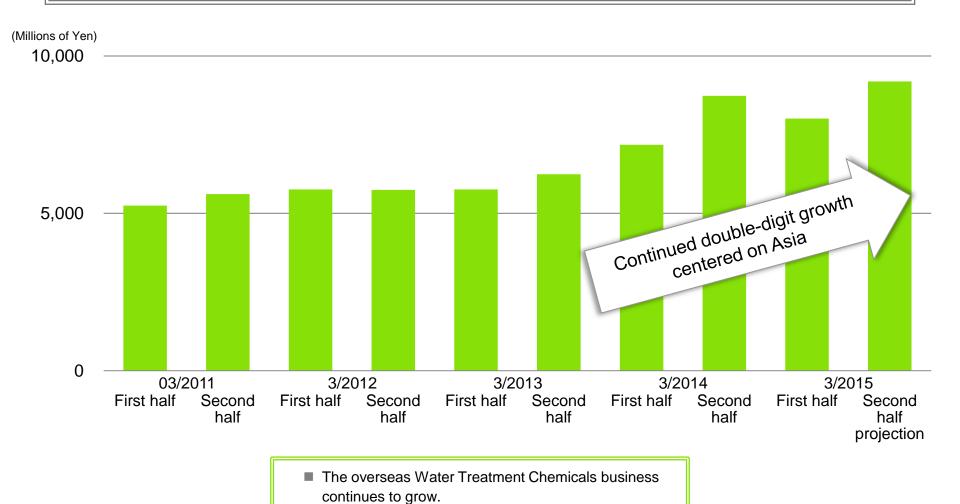


■ Domestic demand for water treatment chemicals is linked to customers' capacity utilization.



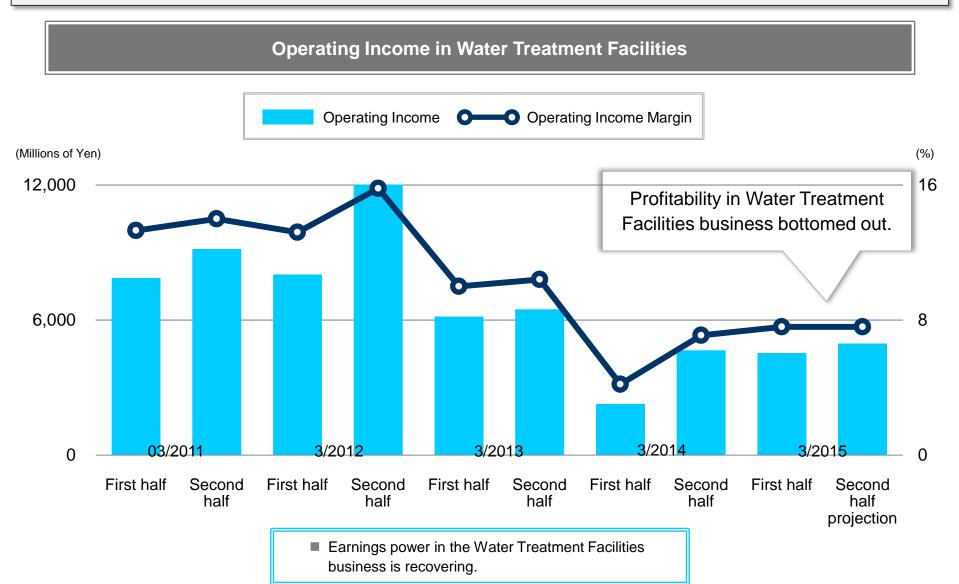
#### 2. Water Treatment Chemicals (Overseas)

#### **Overseas Sales of Water Treatment Chemicals**





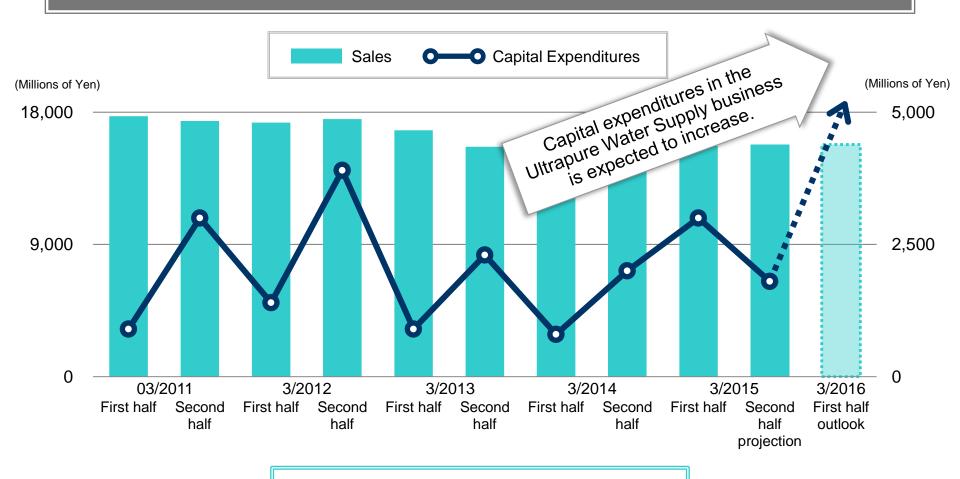
# 3. Water Treatment Facilities (Profitability)





#### 4. Water Treatment Facilities (Ultrapure Water Supply Business)





■ The Ultrapure Water Supply business remains a stable revenue source.



#### 5. New Products and Services (1)

#### K-eco Maintenance Service

- Installing water quality sensors in water treatment facilities delivered to customers
- Analyzing real-time online data and the results of regular water quality analyses
- Visualizing the operation condition, sharing information with customers, and proposing proper maintenance

Main agreement

Annual maintenance agreement



Special agreement on the visualization of operation condition

Special agreement on assistance to cost reduction

→ Contributing to the optimization of operations in the entire plant, including utility facilities



## 6. New Products and Services (2)

#### **Entering the Lithium-ion Battery Field: ABSORBENT KC-504P**

- Kurita has developed new materials to improve the safety of lithium ion batteries by applying clathrate compound technology\* that it has cultivated in water treatment.
- Clathrate compound technology inhibits increases in internal pressure and temperature in batteries.



- ABSORBENT KC-504P removes the need for a process of eliminating carbon dioxide generated in the production of batteries, thereby shortening manufacturing time and reducing cost.
- ABSORBENT KC-504P can be used in a wide range of batteries, from small batteries for mobile equipment to large batteries for electric vehicles.
- Kurita plans to supply ABSORBENT KC-504P to lithium ion battery manufacturers in Japan and overseas. (Kurita has received orders from a major battery manufacturer in Asia.)
  - \* Clathrate compound technology

Clathrate compound technology is a technique used to integrate certain "guest" molecules into a group of regular or porous "host" molecules at a certain composition ratio, thus creating a cathrate compound with a specific crystalline structure.

Certain combinations of host molecules enable the stabilization of dangerous materials and help sustain the effects of substances for a long time.

#### **Acquisition of the Businesses of BK Giulini**

- 1. Summary of Acquisition
- 2. Overview of BKG and the Business
- 3. Strategic Rationale

#### IV. Acquisition of the Businesses of BK Giulini



#### 1. Summary of Acquisition

# Acquired Business

 Acquisition of Water Solutions, Paper Solutions and Alumina Compounds (the "Business") of BK Giulini GmbH ("BKG") (the "Transaction")

# Acquisition Scheme

 Acquisition of assets/liabilities of the Business and shares of related companies through a wholly-owned subsidiary in Germany

#### Acquisition Amount

250 million Euro (approximately 34.2 billion Yen\*1) subject to working capital and net debt adjustments

#### **Closing Date**

By the end of 2014, subject to applicable anti-trust clearance and customary closing conditions

#### **Payment**

Cash on hand

#### Note:

<sup>\*1</sup> FX rate: 1Euro = 136.65 Yen



#### 2. Overview of BKG and the Business

#### Overview of BKG

Headquarter: Ludwigshafen, Germany

■ Foundation: 1823

Shareholders: Israel Chemicals Limited (owns 100% indirectly)

 Business: Manufacturing, developing and marketing water treatment chemicals, paper chemicals, alumina compounds, intermediates for pharma and cosmetics and gypsum

#### **Investment Highlight**

- Excellent sales force with more than 10 years of experience on average
- Long-term relationships with blue chip customers in Europe
- Strong track-record in developing solutions which meet customer needs
- Highly experienced and strong management team

#### **Overview of the Business**

# Business

#### Water Solutions:

A leading provider of chemical treatment, technical services and tailormade equipment for key water applications. The innovative product offering includes scale & corrosion inhibitors, dispersants, biocides, removal of scale products, defoamers, coagulants and flocculants

#### **Paper Solutions:**

One of the leading producers of high quality functional chemicals (sizing and wet strength additives) as well as solutions and services used in paper production

#### **Alumina Compounds:**

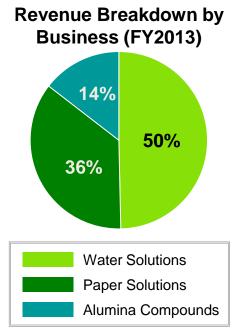
Alumina Compounds is a leading producer of a wide range of alumina salts and specialties (neutral, alkaline, acidic). The key products are water treatment, civil additives, additives for paper process chemicals

Sales

177 million Euro (Approximately 24.2 billion Yen\*1) (FY2013)



Approximately 464



Note:

\*1 FX rate: 1Euro = 136.65 Yen

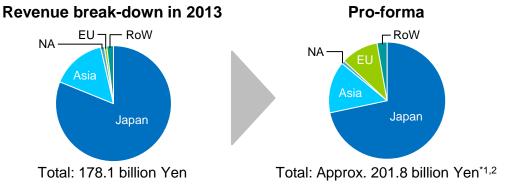
#### IV. Acquisition of the Businesses of BK Giulini



## 3. Strategic Rationale

# Significant complementarity between Kurita and the Business both geographically and technically

Geographic Complementarity By adding customer base and production sites in Europe and other regions of the Business to our strong operation in Asia especially Japan, Kurita will accelerate its overseas expansion



To grow as global player

Technical and Products
Complementarity

- Top line growth by cross-selling
  - Kurita: Reverse osmosis membrane treatment chemicals
  - the Business: Paper process chemicals, Alumina Compounds
- Product development by technology sharing
  - Kurita: Sensing technology
  - the Business: Polymer production technology

To deepen total solution capability

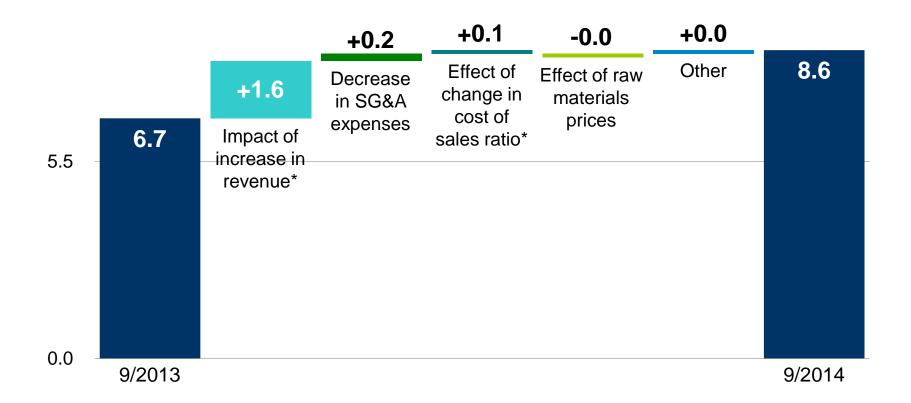
#### Note:

- \*1 FX rate: 1Euro = 136.65 Yen
- \*2 Revenue from part of China business and internal elimination (c. 3 million EUR) are not included as there is no geographical breakdown



Analysis of Changes in Operating Income for the First Half of the Fiscal Year Ending March 31, 2015

(Billions of yen)
11.0



<sup>\*</sup> The impact of increase in revenue and the effect of change in the cost of sales ratio are calculated using the gross profit margin.

# **Kurita Water Industries Ltd.**

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#### **Forward-looking Statements**

This presentation contains forward-looking statements, business plan projections, and judgments based on information available to management at the time of writing. Due to the existence of a variety of risk factors and uncertainties, actual results may differ from those specified or implied by these forward-looking statements and projections.