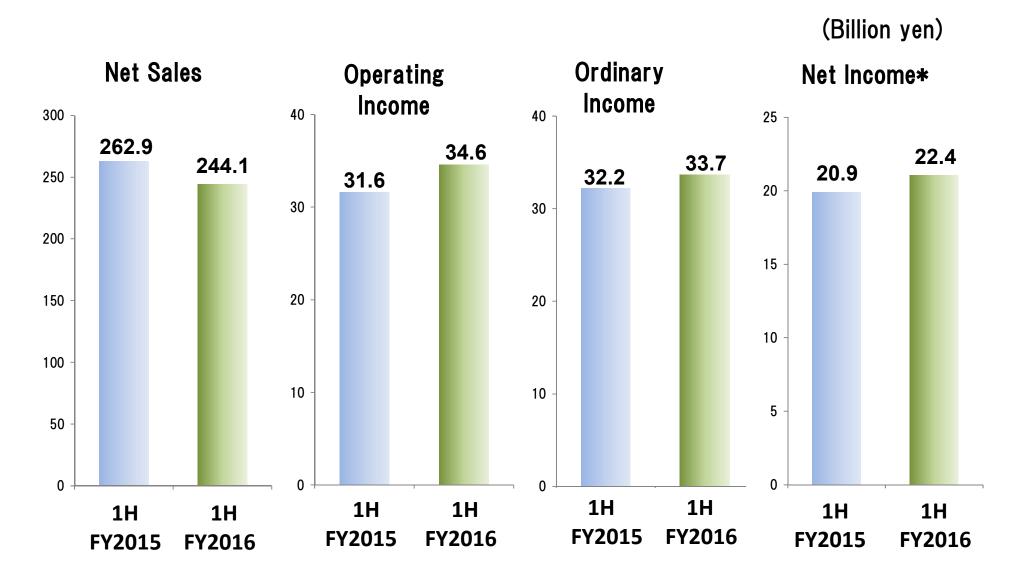
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1H of FY2016 (Jan. to Jun.) Earnings Presentation (Overview)

KURARAY CO., LTD.

Overview of 1H FY2016 Results [1]



Overview of 1H FY2016 Results [2]

| | 1H FY2016 | 1H FY2015 | Difference |
|---|-----------|-----------|----------------|
| Net Sales | 244.1 | 262.9 | - 18.8 (-7.1%) |
| Operating Income | 34.6 | 31.6 | + 3.0 (+9.6%) |
| Ordinary Income | 33.7 | 32.2 | + 1.5 (+4.7%) |
| Net Income Attributable to Owners of the Parent | 22.4 | 20.9 | + 1.4 (+6.9%) |

| Reference | | | | | | |
|---------------------------------|-----|-----|---|--|--|--|
| JPY/USD | 112 | 120 | | | | |
| JPY/EUR | 125 | 134 | | | | |
| Domestic naphtha (JPY 1,000/kl) | 33 | 52 | 3 | | | |

Outcomes of Main 1H FY2016 Initiatives

Implementation of the following measures based on the main management strategies of GS-STEP

Deepening of Core Business

- ◆ Started operation of a new PVA resin plant in the U.S. for an additional 40,000 tons/year
- ◆ Started operation of a new plant for water-soluble PVA film in the U.S.
- ◆ Decided to expand production capacity for *EVAL* in the U.S.
 - → Additional 11,000 tons/year: start of operation scheduled for mid-2018

Technological Innovation

◆ Established a more efficient production process for VECTRAN

Next-Generation Growth Model

◆ Established a new organizational structure to expand energy materials business

Optimum Allocation of Management Resources

- ◆ Global IT system
 - → Decided to invest in global SAP, promoted establishment of system

Forecast for FY2016

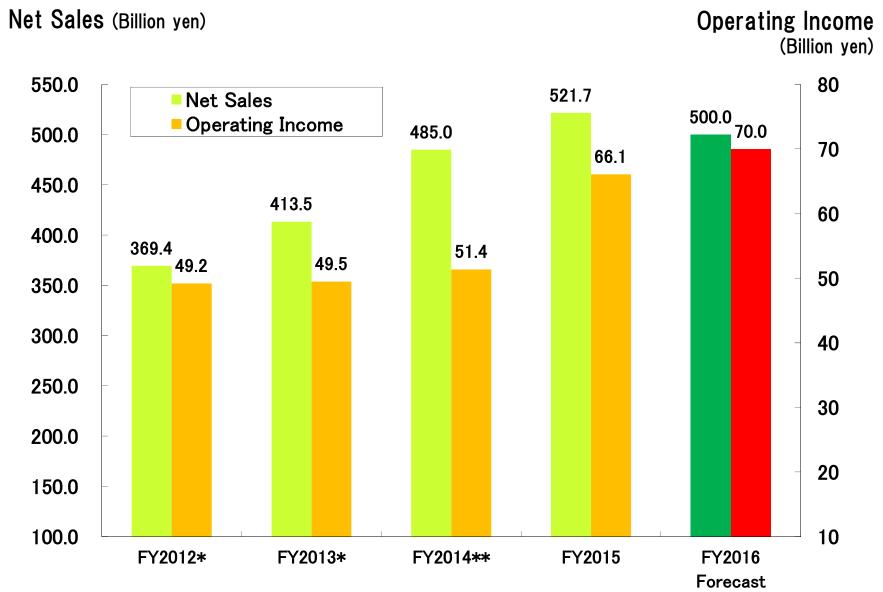
(Billion yen)

| | Current Forecast | Previous Forecast (Announced on February 9) | Difference |
|---|---------------------|---|------------|
| Net Sales | 500.0 | 540.0 | (40.0) |
| Operating Income | 70.0 | 70.0 | - |
| Ordinary Income | 68.0 | 68.0 | - |
| Net Income Attributable to Owners of the Parent | 40.0 | 40.0 | - |

Assumed Raw Material and Fuel Costs/Foreign Exchange

| | Full-Year | 3Q and After | Full-Year | 3Q and After |
|---------------------------------|-----------|--------------|-----------|--------------|
| Domestic naphtha (JPY 1,000/kl) | ¥33 | ¥33 | ¥39 | ¥39 |
| USD (average) | ¥108 | ¥105 | ¥120 | ¥120 |
| EUR (average) | ¥120 | ¥115 | ¥130 | ¥130 |

Net Sales/Operating Income Trend



^{*} FY2011 to FY2013 are from Apr. to Mar. of the following year. **FY2014 is adjusted to Jan.-Dec.

FY2016 Dividends

¥40 per share scheduled

(interim: ¥20, year-end: ¥20, Payout ratio: 35.1%)

Profit allocation during GS-STEP

Total return ratio: 35% or higher; and

Annual dividends: ¥36 per share or higher

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1H FY2016 Results (Details)

KURARAY CO., LTD.

Sales and Operating Income by Segment

| | 1H FY2016 | | 1H FY2015 | | Difference | |
|-------------------------|--------------|------------------|-----------|------------------|--------------|------------------|
| ' | Net Sales | Operating Income | Net Sales | Operating Income | Net Sales | Operating Income |
| Vinyl Acetate | 128.6 | 29.4 | 138.4 | 26.5 | (9.8) | 2.9 |
| Isoprene | 26.0 | 4.0 | 28.5 | 3.4 | (2.5) | 0.6 |
| Functional Materials | 26.1 | 2.0 | 28.3 | 2.5 | (2.2) | (0.5) |
| Fibers & Textiles | 23.9 | 3.0 | 23.8 | 2.1 | 0.1 | 0.9 |
| Trading | 59.1 | 1.9 | 60.2 | 2.0 | (1.1) | (0.1) |
| Other Business | 30.9 | 0.9 | 33.6 | 1.3 | (2.7) | (0.4) |
| Elimination & Corporate | (50.4) | (6.6) | (49.9) | (6.2) | (0.5) | (0.4) |
| Total | 244.1 | 34.6 | 262.9 | 31.6 | (18.8) | 3.0 |

Overview of Main Businesses in 1H FY2016

| PVA resin | Unable to cover depreciation of new U.S. plant, which began operations. |
|---------------------|--|
| PVA film | Sales volume of optical-use PVA film decreased from the impact of production adjustments for LCD panels. Sales of water-soluble PVA film were steady. |
| PVB film | Sales were brisk partly due to recovery of demand in China. |
| EVAL | Sales were healthy for both automotive gas tank and food packaging applications. |
| Isoprene | Sales of fine chemicals, <i>SEPTON</i> thermoplastic elastomer and liquid rubber were brisk, with signs of demand recovery for some applications in China in addition to a shift to high-value-added products. |
| GENESTAR | Sales continued to expand for automotive applications and showed signs of recovery for connector applications. Demand for LED reflector applications did not recover in China. |
| Methacrylic resin | Forced to lower prices of monomers and some resin applications due to worsening market conditions. |
| Medical | Sales were favorable due to greater sales synergy from business integration in addition to an increase in new dental material products. |
| CLARINO | Sales of products made with both the conventional and the new production process were firm. |
| Fibers and textiles | In addition to brisk sales of KURALON, sales of consumer goods and materials were steady. |

Cash Flow for 1H FY2016

| | 1H FY2016 | 1H FY2015 | Difference |
|--|-----------|-----------|------------|
| Operating CF | 39.8 | 46.7 | (6.9) |
| Investing CF* | (25.4) | (25.0) | (0.4) |
| Free CF* | 14.4 | 21.7 | (7.3) |
| M&A | _ | (4.5) | 4.5 |
| CAPEX (Acceptance Basis) | 24.2 | 20.6 | 3.6 |
| Depreciation & Amortization (incl. Amortization of Goodwill) | 20.0 | 21.6 | (1.6) |
| R&D Expenses | 9.7 | 9.2 | 0.5 |

^{*} Cash flows from investment activities and free cash flow exclude net cash used in fund management and M&A.

Balance Sheet [1]: Assets

(Billion yen)

| | Jun. 30, 2016 | Dec. 31, 2015 | Difference |
|-------------------|---------------|---------------|------------|
| Current Assets | 286.4 | 296.5 | (10.1) |
| Noncurrent Assets | 373.8 | 405.3 | (31.5) |
| Total Assets | 660.2 | 701.8 | (41.6) |

Reference: Exchange rates at end of period

| | Jun. 30, 2016 | Dec. 31, 2015 |
|---------|---------------|---------------|
| JPY/USD | 103 | 121 |
| JPY/EUR | 114 | 132 |

Balance Sheet [2]: Liabilities and Net Assets

(Billion yen)

| | Jun. 30, 2016 | Dec. 31, 2015 | Difference |
|----------------------------------|---------------|---------------|------------|
| Current Liabilities | 80.1 | 95.5 | (15.4) |
| Noncurrent Liabilities | 97.8 | 102.7 | (4.9) |
| Total Liabilities | 177.9 | 198.2 | (20.3) |
| Net Assets | 482.3 | 503.6 | (21.3) |
| Total Liabilities and Net Assets | 660.2 | 701.8 | (41.6) |

Reference: Exchange rates at end of period

| | Jun. 30, 2016 | Dec. 31, 2015 |
|---------|---------------|---------------|
| JPY/USD | 103 | 121 |
| JPY/EUR | 114 | 132 |

Forecast for FY2016

| _ | | | _ | |
|--|---------------------------------|--------------------------------|------------|--|
| | FY2016 Full-Year Forecast | FY2015 Full-Year Results | Difference | |
| Net Sales | 500.0 | 521.7 | (21.7) | |
| Operating Income | 70.0 | 66.1 | 3.9 | |
| Ordinary Income | 68.0 | 64.5 | 3.5 | |
| Net Income | 40.0 | 35.7 | 4.3 | |
| EPS | ¥113.84 | ¥101.84 | ¥12.00 | |
| Dividends per Share | ¥ 4 0 | ¥ 4 0 | _ | |
| CAPEX (Decision Basis) | 57.0 | 58.0 | (1.0) | |
| CAPEX (Acceptance Basis) | 54.5 | 45.0 | 9.5 | |
| Depreciation and Amortization (incl. Amortization of Goodwill) | 41.5 | 44.1 | (2.6) | |
| R&D Expenses | 20.5 | 19.1 | 1.4 | |

Factors Affecting the Change in Operating Income

| 1H FY2016 | | ¥34.6 billion |
|--|-------|---------------|
| Sales Volume | 0 | |
| Utilization | 1.5 | |
| Depreciation and Amortization (incl. Amortization of Goodwill) | 1.6 | |
| Raw Materials and Fuel (excl. Effect of Foreign Exchange) | 7.5 | ¥3.0 billion |
| Selling Price, Product Mix | (5.0) | |
| Foreign Exchange | (2.0) | |
| Expenses and Others | (0.6) | |

| 1H FY2015 |
|-----------|
|-----------|

¥31.6 billion

| | | 1H FY2015 | 1H FY2016 |
|---|-----------------------------------|-----------|-----------|
| <u>Raw Materials</u> <u>and Fuel and</u> | Domestic naphtha (JPY1,000/kl) | ¥52 | ¥33 |
| Foreign Exchange | USD (average) | ¥120 | ¥112 |
| <u>LX0IIdiigo</u> | EUR (average) | ¥134 | ¥125 |

Factors Affecting the Change in Operating Income

| FY2016 Forecast | | ¥70.0 billion |
|--|-------|---------------|
| Sales Volume | 1.0 | |
| Utilization | 4.0 | |
| Depreciation and Amortization (incl. Amortization of Goodwill) | 2.6 | |
| Raw Materials and Fuel (excl. Effect of Foreign Exchange) | 13.0 | ¥3.9 billion |
| Selling Price, Product Mix | (9.5) | |
| Foreign Exchange | (5.5) | |
| Expenses and Others | (1.7) | |
| CV001E | | VCC 1 billion |

| F 1 2015 | | | ‡00. | noillid |
|--|-----------------------------------|--------|-------------|---------|
| | | FY2015 | FY2016 | |
| Raw Materials and Fuel and | Domestic naphtha (JPY1,000/kl) | ¥49 | ¥33 | |
| Foreign USD (average) Exchange EUR (average) | USD (average) | ¥121 | ¥108 | |
| | ¥134 | ¥120 | 16 | |

Net Sales and Operating Income by Segment

| | FY2016 Full-Year Forecast | | FY2015 Full-Year Results | | Difference | |
|-------------------------|------------------------------|------------------|-----------------------------|------------------|------------|------------------|
| | Net Sales | Operating Income | Net Sales | Operating Income | Net Sales | Operating Income |
| Vinyl Acetate | 260.0 | 61.0 | 274.7 | 55.7 | (14.7) | 5.3 |
| Isoprene | 52.0 | 7.5 | 55.0 | 6.9 | (3.0) | 0.6 |
| Functional Materials | 54.0 | 4.5 | 56.9 | 5.6 | (2.9) | (1.1) |
| Fibers & Textiles | 48.0 | 5.0 | 46.3 | 4.1 | 1.7 | 0.9 |
| Trading | 121.0 | 4.0 | 119.6 | 3.9 | 1.4 | 0.1 |
| Other Business | 66.0 | 2.0 | 69.6 | 2.8 | (3.6) | (8.0) |
| Elimination & Corporate | (101.0) | (14.0) | (100.5) | (12.9) | (0.5) | (1.1) |
| Total | 500.0 | 70.0 | 521.7 | 66.1 | (21.7) | 3.9 |

[Ref.] FY2016 1H Results/2H Forecast

| | Net Sales | | | Operating Income | | |
|--------------------------|-----------|--------|-----------|------------------|-------|-----------|
| | 1H | 2H | Full Year | 1H | 2H | Full Year |
| Vinyl Acetate | 128.6 | 131.4 | 260.0 | 29.4 | 31.6 | 61.0 |
| Isoprene | 26.0 | 26.0 | 52.0 | 4.0 | 3.5 | 7.5 |
| Functional Materials | 26.1 | 27.9 | 54.0 | 2.0 | 2.5 | 4.5 |
| Fibers & Textiles | 23.9 | 24.1 | 48.0 | 3.0 | 2.0 | 5.0 |
| Trading | 59.1 | 61.9 | 121.0 | 1.9 | 2.1 | 4.0 |
| Other Business | 30.9 | 35.1 | 66.0 | 0.9 | 1.1 | 2.0 |
| Eliminations & Corporate | (50.4) | (50.6) | (101.0) | (6.6) | (7.4) | (14.0) |
| Total | 244.1 | 255.9 | 500.0 | 34.6 | 35.4 | 70.0 |

[Ref.]

Net Sales by Segment

| | FY2016 Full-Year Forecast | | FY2015 Full-Year Results | | Difference | |
|-------------------------|------------------------------|--------|-----------------------------|--------|------------|-------|
| | 1H | 2H | 1H | 2H | 1H | 2H |
| Vinyl Acetate | 128.6 | 131.4 | 138.4 | 136.3 | (9.8) | (4.9) |
| Isoprene | 26.0 | 26.0 | 28.5 | 26.5 | (2.5) | (0.5) |
| Functional Materials | 26.1 | 27.9 | 28.3 | 28.5 | (2.2) | (0.6) |
| Fibers & Textiles | 23.9 | 24.1 | 23.8 | 22.6 | 0.1 | 1.5 |
| Trading | 59.1 | 61.9 | 60.2 | 59.4 | (1.1) | 2.5 |
| Other Business | 30.9 | 35.1 | 33.6 | 36.0 | (2.7) | (0.9) |
| Elimination & Corporate | (50.4) | (50.6) | (49.9) | (50.6) | (0.5) | 0 |
| Total | 244.1 | 255.9 | 262.9 | 258.8 | (18.8) | (2.9) |

[Ref.] Operating Income by Segment

| | FY2016 Full-Year Forecast | | FY2015 Full-Year Results | | Difference | |
|-------------------------|------------------------------|-------|-----------------------------|-------|------------|-------|
| | 1H | 2H | 1H | 2H | 1H | 2H |
| Vinyl Acetate | 29.4 | 31.6 | 26.5 | 29.2 | 2.9 | 2.4 |
| Isoprene | 4.0 | 3.5 | 3.4 | 3.5 | 0.6 | 0 |
| Functional Materials | 2.0 | 2.5 | 2.5 | 3.1 | (0.5) | (0.6) |
| Fibers & Textiles | 3.0 | 2.0 | 2.1 | 2.0 | 0.9 | 0 |
| Trading | 1.9 | 2.1 | 2.0 | 1.9 | (0.1) | 0.2 |
| Other Business | 0.9 | 1.1 | 1.3 | 1.5 | (0.4) | (0.4) |
| Elimination & Corporate | (6.6) | (7.4) | (6.2) | (6.7) | (0.4) | (0.7) |
| Total | 34.6 | 35.4 | 31.6 | 34.5 | 3.0 | 0.9 |

All figures are rounded to the nearest hundred million yen.

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