# **FY2010 Consolidated Results FY2011 Consolidated Forecasts**

May 11, 2011

### UBE INDUSTRIES,LTD.



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**%**This material is the revised version after the slide on page 13 was replaced according to the revision of the consolidated financial statement on May 24, 2011.



### **FY10 Consolidated Results**



### **Scope of Consolidation**

- FY10 Consolidated Results -

| Item                                | End of FY09 (A) | End of FY10<br>(B) | Change (B) - (A) | Notes  |
|-------------------------------------|-----------------|--------------------|------------------|--|
| Number of consolidated subsidiaries | 67              | 66                 | -1               | Newly Included: 3<br>Newly Excluded: 4       |
| Number of equity method affiliates  | 24              | 24                 | 0                | Newly Included: None<br>Newly Excluded: None |
| Total                               | 91              | 90                 | -1               |  |



### Major P/L & B/S Items

— FY10 Consolidated Results —

| Item                 | FY09            | FY10            | Change                                    |  |
|----------------------|-----------------|-----------------|---|--|
|                      | (A)             | (B)             | (B) - (A)                                 |  |
| Sales                | 549.5           | 616.0           | 66.5                                      |  |
| Operating income     | 27.5            | 44.3            | 16.7                                      |  |
| Ordinary income      | 18.9            | 39.1            | 20.1                                      |  |
| Net income           | 8.2             | 17.2            | 9.0                                       |  |
| Item                 | End of FY09 (A) | End of FY10 (B) | <b>Change</b> ( <b>B</b> ) - ( <b>A</b> ) |  |
| Total assets         | 654.7           | 661.5           | 6.7                                       |  |
| Debt                 | 281.3           | 260.5           | -20.7                                     |  |
| Net debt             | 244.0           | 211.0           | -33.0                                     |  |
| Equity capital *1    | 178.8           | 187.0           | 8.1                                       |  |
| Dividend(Yen /Share) | 4.0             | 5.0             | 1.0                                       |  |

<sup>\*1:</sup>Equity capital = Net assets - Share subscription rights - Minority interests



### **Non Operating Items**

- FY10 Consolidated Results -

|                      |  |      |            | (Dimon 1 cm) |  |
|----------------------|--|------|------------|--------------|--|
| Item                 |  | FY09 | FY10       | Change       |  |
|                      |  | (A)  | <b>(B)</b> | (B) - (A)    |  |
| Operating income     |  | 27.5 | 44.3       | 16.7         |  |
| Nor                  | Net interest expense   | -4.8 | -3.7       | 1.0          |  |
| Non operating income | Equity in earnings of unconsolidated subsidiaries and affiliated companies | 0.9  | 1.6        | 0.6          |  |
| ng inc               | Others   | -4.6 | -3.1       | 1.5          |  |
| ome                  | Total  | -8.6 | -5.2       | 3.3          |  |
| Ordinary income      |  | 18.9 | 39.1       | 20.1         |  |



### **Extraordinary Items**

- FY10 Consolidated Results -

|          |                                 |      |            | Billion I on,           |
|----------|---------------------------------|------|------------|-------------------------|
| Item     |                                 | FY09 | FY10       | Change                  |
|          |                                 | (A)  | <b>(B)</b> | <b>(B)</b> - <b>(A)</b> |
|          | Gain on sale of PP&E            | 0.1  | 0.6        | 0.5                     |
| PXU.     | Gain on share change balance    | 0.0  | 0.4        | 0.4                     |
| income   | Compnesation received           | 0.0  | 0.4        | 0.3                     |
| ne<br>—— | Others                          | 0.5  | 0.6        | 0.0                     |
|          | Total                           | 0.7  | 2.0        | 1.3                     |
|          | Loss on impairment              | -0.1 | -4.9       | -4.8                    |
| <br>     | Loss on related business        | -0.1 | -4.9       | -4.8                    |
| loss     | Loss on disposal of PP&E        | -3.3 | -0.6       | 2.6                     |
| loss     | Loss due to earthquake disaster | 0.0  | -0.7       | -0.7                    |
| uy       | Others                          | -0.4 | -1.1       | -0.6                    |
|          | Total                           | -4.1 | -12.4      | -8.3                    |
| Net      | extraordinary income/loss       | -3.4 | -10.3      | -6.9                    |



### Operating Income – Net Income

— FY10 Consolidated Results —

| Item   | FY09    | FY10       | Change    |
|--|---------|------------|-----------|
|  | (A)     | <b>(B)</b> | (B) - (A) |
| Operating income                               | 27.5    | 44.3       | 16.7      |
| Non operating item                             | -8.6    | -5.2       | 3.3       |
| Ordinary income                                | 18.9    | 39.1       | 20.1      |
| Extraordinary item                             | -3.4    | -10.3      | -6.9      |
| Income before income tax and minority interest | 15.5    | 28.7       | 13.1      |
| Income tax and minority interest               | -7.3    | -11.4      | -4.1      |
| Net income                                     | 8.2     | 17.2       | 9.0       |
| Net income per share(Yen/Share)                | 8.17yen | 17.18yen   | 9.01yen   |



### **Environmental Factors**

— FY10 Consolidated Results —

#### (Billion Yen)

| Item       |   | FY09<br>(A) | FY10<br>(B) | Change<br>(B) - (A) | Impacts on<br>Consolidated<br>OP Income |                |
|------------|---|-------------|-------------|---------------------|---|----------------|
| Exch       | ange Rate                                       | Yen/\$      | 92.8        | 85.7                | -7.1                                    | 0.0            |
|            | (CIF)   | \$/t        | 609         | 762                 | 153                                     | -3.2           |
| M          | Naphtha<br>(Domestic)                           | Yen/KL      | 41,200      | 47,500              | 6,300                                   | (-2.0)         |
| Material P | Benzene (Average of US and Euro Contract Price) | \$/t        | 753         | 997                 | 244                                     | -8.5<br>(-6.0) |
| Price      | Australian<br>Coal                              | \$/t        | 97.5        | 120.0               | 22.5                                    | -5.0           |
|            | (CIF)   | Yen/t       | 9,048       | 10,287              | 1,239                                   | (-2.9)         |

): including impacts from fluctuation of exchange rate



### Sales by Segment

- FY10 Consolidated Results -

|                                    |             |             |                         | (2111011 1 011)   |
|------------------------------------|-------------|-------------|-------------------------|---|
| Segment                            | FY09<br>(A) | FY10<br>(B) | <b>Change (B) - (A)</b> | Major Factors   |
| Chemicals & Plastics               | 165.0       | 204.5       | 39.4                    | Caprolactam chain 30.1<br>Synthetic rubber 9.0  |
| Specialty Chemicals & Products     | 60.3        | 68.7        | 8.4                     | Specialty products 6.0 Fine chemicals 2.4   |
| Pharmaceutical                     | 9.9         | 8.8         | -1.1                    |   |
| Cement & Construction<br>Materials | 188.3       | 200.4       | 12.0                    | Construction materials and Quicklime related products 4.7 Cement and Ready-mixed concrete 6.0, etc. |
| Machinery & Metal<br>Products      | 81.7        | 83.4        | 1.6                     | Machinery 1.9<br>Aluminum wheels -0.3   |
| Energy & Environment               | 54.1        | 59.1        | 4.9                     | Coal 3.9, Power 0.9   |
| Others                             | 19.0        | 26.8        | 7.7                     | Overseas sales subsidiaries 6.2, etc.   |
| Adjustment                         | -29.3       | -35.9       | -6.6                    |   |
| Total                              | 549.5       | 616.0       | 66.5                    | Increased by 12.1%  |



### **Operating Income by Segment**

- FY10 Consolidated Results -

| Segment                            | FY09<br>(A) | FY10<br>(B) | <b>Change (B) - (A)</b> | Major Factors   |
|------------------------------------|-------------|-------------|-------------------------|---|
| Chemicals & Plastics               | 4.7         | 20.0        | 15.2                    | Caprolactam chain 11.7 Synthetic rubber 3.5   |
| Specialty Chemicals & Products     | 3.2         | 8.7         | 5.4                     | Specialty products 4.2 Fine chemicals 1.2   |
| Pharmaceutical                     | 3.7         | 2.3         | -1.4                    |   |
| Cement & Construction<br>Materials | 6.1         | 8.0         | 1.9                     | Construction materials and Quicklime related products 1.6 Cement and Ready-mixed concrete 0.3 |
| Machinery & Metal<br>Products      | 4.4         | 1.7         | -2.6                    | Machinery -3.0<br>Aluminum wheels 0.3   |
| Energy & Environment               | 4.3         | 4.0         | -0.2                    |   |
| Others                             | 0.9         | 1.1         | 0.1                     |   |
| Adjustment                         | -0.1        | -1.6        | -1.5                    |   |
| Total                              | 27.5        | 44.3        | 16.7                    | Increased by 60.8%  |



### **Analysis of Operating Income**

— FY10 Consolidated Results —

|                                    | Operating Income |             |                     |             |                 |               |                              |         |          |   |
|------------------------------------|------------------|-------------|---------------------|-------------|-----------------|---------------|------------------------------|---------|----------|---|
| Segment                            | FY09<br>(A)      | FY10<br>(B) | Change<br>(B) - (A) | Price<br>*1 | Sales<br>Volume | Fixed<br>Cost | Impact from<br>LCM<br>Method | Others  | Subtotal | Impact from<br>Internal Acct.<br>Method |
| Chemicals & Plastics               | 4.7              | 20.0        | 15.2                | 13.4        | 2.7             | -2.2          | -5.3                         | 5.8     | 14.4     | 0.9                                     |
| Specialty Chemicals & Products     | 3.2              | 8.7         | 5.4                 | -3.8        | 9.1             | -1.8          | 0.1                          | 1.4     | 5.0      | 0.4                                     |
| Pharmaceutical                     | 3.7              | 2.3         | -1.4                | -1.5        | 1.0             | -0.8          | 0.0                          | -0.2    | -1.5     | 0.1                                     |
| Cement & Construction<br>Materials | 6.1              | 8.0         | 1.9                 | -0.3        | 2.0             | -0.5          | 0.1                          | 0.4     | 1.7      | 0.3                                     |
| Machinery & Metal<br>Products      | 4.4              | 1.7         | -2.6                | -0.5        | -0.9            | 0.3           | 0.0                          | -1.3    | -2.4     | -0.3                                    |
| Energy & Environment               | 4.3              | 4.0         | -0.2                | 0.6         | 0.8             | 0.0           | 0.1                          | *3 -1.2 | 0.3      | -0.6                                    |
| Others                             | 0.9              | 1.1         | 0.1                 | 0.1         | 0.1             | -0.1          | 0.0                          | 0.1     | 0.1      | 0.0                                     |
| Adjustment                         | -0.1             | -1.6        | -1.5                | 0.0         | 0.0             | -0.6          | 0.0                          | -0.2    | -0.8     | -0.8                                    |
| Total                              | 27.5             | 44.3        | 16.7                | 7.7         | 14.8            | -5.7          | -5.0                         | 4.8     | 16.7     | 0.0                                     |



<sup>\*3:</sup> Including decrease in excluding unrealized gains -0.6

### **Consolidated Balance Sheet**

— FY10 Consolidated Results —

|             |                                  |             |             | (2111011 1 011) |
|-------------|----------------------------------|-------------|-------------|-----------------|
|             | Item                             | End of FY09 | End of FY10 | Change          |
|             |                                  | (A)         | <b>(B)</b>  | (B) - (A)       |
|             | Current assets                   | 261.5       | 281.7       | 20.1            |
| Assets      | Fixed assets                     | 393.1       | 379.7       | -13.3           |
|             | Total                            | 654.7       | 661.5       | 6.7             |
| L:          | Interest-bearing debts           | 281.3       | 260.5       | -20.7           |
| Liabilities | Other liabilities                | 171.2       | 189.4       | 18.2            |
| es          | Total                            | 452.6       | 450.0       | -2.5            |
| Ne          | Equity capital *1                | 178.8       | 187.0       | 8.1             |
| Net Assets  | Minority interests and others    | 23.3        | 24.4        | 1.0             |
| Ťs          | Total                            | 202.1       | 211.4       | 9.2             |
| T           | Total liabilities and net assets | 654.7       | 661.5       | 6.7             |

<sup>\*1:</sup> Equity capital = Net assets - Share subscription rights - Minority interests



### **Consolidated Statements of Cash Flows**

— FY10 Consolidated Results —

| Item  | FY09  | FY10  |  |  |
|---|-------|-------|--|--|
| A.Cash flows from operating activities                | 60.1  | 67.0  | Income before tax and minority interests 28.7  Depreciation and amortization 33.1  Working capital 3.4 |  |
| B.Cash flows from investing activities                | -29.9 | -28.6 | Acquisition of PP&E -29.7  |  |
| Free cash flows (A+B)                                 | 30.1  | 38.3  |  |  |
| C.Cash flows from financing activities                | -32.2 | -25.0 | Decrease in interest-bearing debts -19.7 Dividends and others -5.2                                     |  |
| D.Net increase/decrease in cash and cash equivalents  | -1.8  | 12.2  |  |  |
| E.Cash and cash equivalents at end of the fiscal year | 37.2  | 49.5  |  |  |



### **Business Highlight**

- FY10 Consolidated Results -

#### Chemicals and Plastics

◆ Ube Industries, Ltd. launched business operations of production facilities for metallocene butadiene rubber (MBR) using a metallocene catalyst. (February, 2011)

#### **Specialty Chemicals and Products**

- ◆ Ube Industries, Ltd. concluded an agreement to provide license to Chinese companies for technology of manufacturing polyester materials from coal. (November, 2010)
- ♦ Ube Industries, Ltd. established a joint venture, Ube Maxell, Co., Ltd., together with Hitachi Maxell, Ltd. for the purpose of manufacture, sales and other operations with lithium-ion battery separator films. (February, 2011)
- ◆ Ube Industries, Ltd. commenced reinforcement of production facilities for silicon nitride (ceramics) in order to meet the growing demand for components required for the production of solar cells, etc. (March, 2011)

#### Machinery and Metal Products

◆ Ube Industries, Ltd. made a decision to withdraw from aluminum wheel business in response to drastic changes in the car market environment. (March, 2011)

#### Others

◆ Ube Industries, Ltd. founded Ube Korea that shall serve as a base for the market and sales development of the products of the Group in South Korea (March, 2011)



### **Management Indices**

- FY10 Consolidated Results -

| Item                   | Computation                      | Unit  | FY09<br>(A) | FY10<br>(B) | Change (B) - (A) |
|------------------------|----------------------------------|-------|-------------|-------------|------------------|
| Net D/E Ratio          | Net debt<br>/Equity capital      | Times | 1.4         | 1.1         | -0.3             |
| Equity Ratio           | Equity capital<br>/Total assets  | %     | 27.3        | 28.3        | 1.0              |
| Operating margin       | Operating Income<br>/Sales       | %     | 5.0         | 7.2         | 2.2              |
| Return on Assets (ROA) | Business income<br>/Total assets | %     | 4.4         | 7.2         | 2.8              |
| Return on Equity (ROE) | Net income<br>/Equity capital    | %     | 4.7         | 9.4         | 4.7              |

Notes: Business income: Operating income + Interest and dividend income + Equity income of unconsolidated subsidiaries and affiliates



### **FY11 Consolidated Forecasts**



### **Scope of Consolidation**

— FY11 Consolidated Forecasts —

| Item                                | End of FY10<br>(A) | End of FY11<br>(B) | Change (B) - (A) | Notes                                     |
|-------------------------------------|--------------------|--------------------|------------------|---|
| Number of consolidated subsidiaries | 66                 | 65                 | -1               | Newly Included: None<br>Newly Excluded: 1 |
| Number of equity method affiliates  | 24                 | 23                 | -1               | Newly Included: None<br>Newly Excluded: 1 |
| Total                               | 90                 | 88                 | -2               |   |



### Major P/L & B/S Items

— FY11 Consolidated Forecasts —

| Item              | FY10<br>(A)     | FY11<br>(B)     | Change<br>(B) - (A) |
|-------------------|-----------------|-----------------|---------------------|
| Sales             | 616.0           | 650.0           | 34.0                |
| Operating income  | 44.3            | 44.0            | -0.3                |
| Ordinary income   | 39.1            | 38.0            | -1.1                |
| Net income        | 17.2            | 20.0            | 2.8                 |
| Item              | End of FY10 (A) | End of FY11 (B) | Change<br>(B) - (A) |
| Total assets      | 661.5           | 685.0           | 23.5                |
| Debt              | 260.5           | 252.0           | -8.5                |
| Net debt          | 211.0           | 218.0           | 7.0                 |
| Equity capital *1 | 187.0           | 196.0           | 9.0                 |
|                   |                 |                 |                     |

<sup>\*1:</sup> Equity capital = Net assets - Share subscription rights - Minority interests



### **Environmental Factors**

— FY11 Consolidated Forecasts —

#### (Billion Yen)

|            | Item  |        | FY10<br>(A) | FY11<br>(B) | Change<br>(B) - (A) | Impacts on<br>Consolidated<br>OP Income |
|------------|---|--------|-------------|-------------|---------------------|---|
| Exch       | ange Rate                                       | Yen/\$ | 85.7        | 85.0        | -0.7                | 0.1                                     |
|            | (CIF)   | \$/t   | 762         | 1,050       | 288                 | -5.5                                    |
| M          | Naphtha<br>(Domestic)                           | Yen/KL | 47,500      | 64,000      | 16,500              | (-5.3)                                  |
| Material P | Benzene (Average of US and Euro Contract Price) | \$/t   | 997         | 1,243       | 246                 | -8.2<br>(-7.3)                          |
| Price      | Australian<br>Coal                              | \$/t   | 120.0       | 152.1       | 32.1                | -6.6                                    |
|            | (CIF)   | Yen/t  | 10,287      | 12,924      | 2,637               | (-6.4)                                  |

): including impacts from fluctuation of exchange rate



### **Operating Income – Net Income**

— FY11 Consolidated Forecasts —

| Item   | FY10     | FY11       | Change    |
|--|----------|------------|-----------|
|  | (A)      | <b>(B)</b> | (B) - (A) |
| Operating income                               | 44.3     | 44.0       | -0.3      |
| Non operating item                             | -5.2     | -6.0       | -0.8      |
| Ordinary income                                | 39.1     | 38.0       | -1.1      |
| Extraordinary item                             | -10.3    | -3.0       | 7.3       |
| Income before income tax and minority interest | 28.7     | 35.0       | 6.3       |
| Income tax and minority interest               | -11.4    | -15.0      | -3.6      |
| Net income                                     | 17.2     | 20.0       | 2.8       |
| Net income per share(Yen/Share)                | 17.18yen | 19.89yen   | 2.71yen   |



### Sales by Segment

#### — FY11 Consolidated Forecasts —

|                                    |             |              |                                 | (Dimon 1 cm)  |
|------------------------------------|-------------|--------------|---------------------------------|---|
| Segment                            | FY10<br>(A) | FY11<br>(B)  | <b>Change (B) - (A)</b>         | Major Factors   |
|                                    |             | ( <b>D</b> ) | $(\mathbf{D})$ - $(\mathbf{H})$ |   |
| Chemicals & Plastics               | 204.5       | 226.0        | 21.5                            | Caprolactam chain 17.9<br>Synthetic rubber 2.8, etc.  |
| Specialty Chemicals & Products     | 68.7        | 76.0         | 7.3                             | Specialty products 5.3 Fine chemicals 1.9   |
| Pharmaceutical                     | 8.8         | 11.5         | 2.7                             |   |
| Cement & Construction<br>Materials | 200.4       | 203.5        | 3.1                             | Construction materials and Quicklime related products 1.9 Cement and Ready-mixed concrete 0.8, etc. |
| Machinery & Metal<br>Products      | 83.4        | 79.0         | -4.4                            | Machinery 6.3<br>Aluminum wheels -10.7  |
| Energy & Environment               | 59.1        | 67.0         | 7.9                             | Coal 5.4, Power 2.3   |
| Others                             | 26.8        | 25.0         | -1.8                            | Overseas sales subsidiaries -0.6, etc.  |
| Adjustment                         | -35.9       | -38.0        | -2.1                            |   |
| Total                              | 616.0       | 650.0        | 34.0                            | Increased by 5.5%   |



### **Operating Income by Segment**

- FY11 Consolidated Forecasts -

|                                    |             |             |                     | (2111011 1 011)   |
|------------------------------------|-------------|-------------|---------------------|---|
| Segment                            | FY10<br>(A) | FY11<br>(B) | Change<br>(B) - (A) | Major Factors   |
| Chemicals & Plastics               | 20.0        | 18.5        | -1.5                | Synthetic rubber -1.4, etc.   |
| Specialty Chemicals & Products     | 8.7         | 8.5         | -0.2                | Specialty products -0.3 Fine chemicals 0.1  |
| Pharmaceutical                     | 2.3         | 4.0         | 1.7                 |   |
| Cement & Construction<br>Materials | 8.0         | 8.0         | 0.0                 | Construction materials and Quicklime related products -0.3<br>Cement and Ready-mixed concrete 0.2, etc. |
| Machinery & Metal<br>Products      | 1.7         | 3.0         | 1.3                 | Machinery 0.2<br>Aluminum wheels 1.0  |
| Energy & Environment               | 4.0         | 3.5         | -0.5                | Power -0.4, etc.  |
| Others                             | 1.1         | 1.0         | -0.1                |   |
| Adjustment                         | -1.6        | -2.5        | -0.9                |   |
| Total                              | 44.3        | 44.0        | -0.3                | Decreased by 0.8%   |



### **Analysis of Operating Income**

— FY11 Consolidated Forecasts —

|                                    | Operating Income |             |                  |             |                 |               |              |
|------------------------------------|------------------|-------------|------------------|-------------|-----------------|---------------|--------------|
| Segment                            | FY10<br>(A)      | FY11<br>(B) | Change (B) - (A) | Price<br>*1 | Sales<br>Volume | Fixed<br>Cost | Others<br>*2 |
| Chemicals & Plastics               | 20.0             | 18.5        | -1.5             | -0.4        | 1.4             | -2.7          | 0.2          |
| Specialty Chemicals & Products     | 8.7              | 8.5         | -0.2             | -2.7        | 5.3             | -3.6          | 0.8          |
| Pharmaceutical                     | 2.3              | 4.0         | 1.7              | -0.6        | 1.1             | -0.2          | 1.4          |
| Cement & Construction<br>Materials | 8.0              | 8.0         | 0.0              | -1.5        | 1.5             | -1.3          | 1.3          |
| Machinery & Metal<br>Products      | 1.7              | 3.0         | 1.3              | 0.2         | -0.3            | 0.0           | 1.4          |
| Energy & Environment               | 4.0              | 3.5         | -0.5             | -0.4        | 0.2             | -0.3          | 0.0          |
| Others                             | 1.1              | 1.0         | -0.1             | 0.1         | 0.1             | -0.2          | -0.1         |
| Adjustment                         | -1.6             | -2.5        | -0.9             | 0.0         | 0.0             | -0.9          | 0.0          |
| Total                              | 44.3             | 44.0        | -0.3             | -5.3        | 9.3             | -9.2          | 4.7          |



### **Management Indices**

- FY11 Consolidated Forecasts -

| Item                   | Computation                      | Unit  | FY10<br>(A) | FY11<br>(B) | Change (B) - (A) |
|------------------------|----------------------------------|-------|-------------|-------------|------------------|
| Net D/E Ratio          | Net debt<br>/Equity capital      | Times | 1.1         | 1.1         | 0.0              |
| Equity Ratio           | Equity capital<br>/Total assets  | %     | 28.3        | 28.6        | 0.3              |
| Operating margin       | Operating Income<br>/Sales       | %     | 7.2         | 6.8         | -0.4             |
| Return on Assets (ROA) | Business income<br>/Total assets | %     | 7.2         | 6.8         | -0.4             |
| Return on Equity (ROE) | Net income<br>/Equity capital    | %     | 9.4         | 10.4        | 1.0              |

Notes: Business income: Operating income + Interest and dividend income + Equity income of unconsolidated subsidiaries and affiliates



### **Appendix**



### **Major Subsidiaries**

#### - FY10 Results -

#### (Billion Yen)

| Subsidiaries and Affiliates    |  | Business   | Sales<br>FY10 | Operating income change from FY09 |
|--------------------------------|--|--|---------------|-----------------------------------|
|                                | UBE CHEMICALS (ASIA) PUBLIC CO., LTD       | Manufacture and sales of caprolactam and polyamide resin   | 29.3          | 1                                 |
|                                | UBE CHEMICAL EUROPE, S.A.                  | Manufacture and sales of caprolactam.  | 25.2          | 1                                 |
| Chemicals & Plastics           | THAI SYNTHETIC RUBBERS CO., LTD.           | Manufacture and sales of polybutadiene   | 15.5          | <u> </u>                          |
| Chemicais & Flastics           | UBE ENGINEERING PLASTICS, S.A.             | Manufacture and sales of polyamide resin   | 9.6           | $\downarrow$                      |
|                                | UBE AMMONIA INDUSTRY, LTD.                 | Manufacture and sales of ammonia   | 14.0          | $\rightarrow$                     |
|                                | UBE FILM, LTD.                             | Manufacture and sales of plastic-film products   | 10.2          | $\downarrow$                      |
| Specialty Chemicals & Products | UBE-NITTO KASEI CO., LTD.                  | Manufacture and sales of electronics & IT materials, FRP, industrial materials and fiber-reinforced plastics | 14.1          | <b>↑</b>                          |
|                                | UBE CONSTRUCTION MATERIALS SALES CO., LTD. | Sales of construction materials  | 46.5          | $\rightarrow$                     |
| Cement & Construction          | UBE MATERIAL INDUSTRIES, LTD.              | M anufacture and sales of seawater magnesia, magnesium hydroxide, quicklime, slaked lime and others          | 41.7          | <b>1</b>                          |
| Materials                      | UBE SHIPPING & LOGISTICS, LTD.             | Domestic shipping, harbor transportation, shipping-agent services and customs clearing                       | 16.1          | 1                                 |
|                                | KANTO UBE CONCRETE CO., LTD.               | Manufacture and sales of ready-mixed concrete  | 9.9           | <u> </u>                          |
|                                | UBE MACHINERY CORPORATION, LTD.            | Manufacture and sales of industrial machinery and bridges  | 31.6          | $\downarrow$                      |
| Machinery & Metal Products     | UBE STEEL CO., LTD.                        | Manufacture and sales of cast iron, steel products and rolled steel billets                                  | 19.8          | $\downarrow$                      |
|                                | UBE TECHNO ENG. CO., LTD.                  | Service and maintenance of industrial machinery and equipment  | 11.1          | 1                                 |
| Energy & Environment           | UBE C&A CO., LTD.                          | Sales of imported steaming coal from Australia and other countries   | 22.0          | $\downarrow$                      |

Note: ↑ ↓: Represent an increase or decrease of over 100 million JPY



## **R&D Expenses, Capital Expenditure** and Depreciation

| Item                          | FY09 | FY10 | FY11 |
|-------------------------------|------|------|------|
| R&D expenses                  | 13.0 | 13.7 | 14.5 |
| Capital expenditure           | 24.6 | 35.3 | 43.0 |
| Depreciation (& Amortization) | 33.4 | 33.1 | 33.5 |



### **Major Items for Capital Expenditure**

| Segment                         | Item  | Site        | Completion  |
|---------------------------------|---|-------------|-------------|
| Chemicals & Plastics            | Caprolactam production facilities (debottlenecking)   | Thailand    | Dec./'11    |
|                                 | Ammonium sulfate enlargement facilities   | Spain       | Jan./'12    |
|                                 | Butadiene rubbers facilities  | Chiba/Japan | Oct./'12    |
|                                 | Diol products production facilities   | Thailand    | May/'11     |
|                                 | Second polycarbonate diol production facilities   | Spain       | Dec./'11    |
|                                 | Electrolytes prdoduction facilities (expansion)   | Sakai/Japan | FY11 ~ FY14 |
| Specialty Chemicals & Products  | Separator production facilities (expansion)   | Ube/Japan   | Jul./'11    |
|                                 | Silicon nitride production facilities (expansion)   | Ube/Japan   | Mar./'12    |
|                                 | Second metal organics production facilities   | Ube/Japan   | Mar./'12    |
|                                 | Fourth phenol resin production facilities (at Meiwa Plastics Industries, Ltd., subsidiary of UBE) | Ube/Japan   | Mar./'12    |
| Pharmaceutical                  | Fourth pharmaceutical production facilities   | Ube/Japan   | Nov./'11    |
| Cement & Construction Materials | Waste plastics (for fuel) processing facilities   | Kanda/Japan | Nov./'11    |
|                                 | Sewage sludge dryness facilities  | Isa/Japan   | Dec./'12    |





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