# Fiscal 2008 Financial Results <br> - supplementary financial summary - 

May 12, 2009
Asahi Kasei Corporation

## Contents

## AsahiKASEI

Consolidated results for FY 2008Summary of financial resultsStatements of incomeFinancing activitySpecial gains and lossesSales and operating profit bysegment
Balance sheets ..... 15
Cash flows and primary investments9-14168
Appendix
Overview of results by segment ..... 24-37
Primary investments by segment ..... 38Major investments39

# Consolidated Results for Fiscal Year 2008 

## Summary of financial results (i)

AsahiKASEI

|  | FY 2007 | FY 2008 |  |
| :--- | ---: | ---: | ---: |
|  |  | Actual | Forecast <br> in Apr. |
| Net sales | $1,696.8$ | $1,553.1$ | $1,557.0$ |
| Operating profit | 127.7 | 35.0 | 34.0 |
| Ordinary profit | 120.5 | 32.5 | 29.0 |
| Net income | 69.9 | 4.7 | 7.0 |


| FY 2008 vs. FY 2007 |  | Actual vs. forecast |  |
| ---: | ---: | ---: | ---: |
| Increase <br> (decrease) | \% change | Increase <br> (decrease) | \% change |
| $(143.7)$ | $-8.5 \%$ | $(3.9)$ | $-0.2 \%$ |
| $(92.7)$ | $-72.6 \%$ | 1.0 | $+2.8 \%$ |
| $(88.0)$ | $-73.0 \%$ | 3.5 | $+12.1 \%$ |
| $(65.2)$ | $-93.2 \%$ | $(2.3)$ | $-32.2 \%$ |


| At closing | FY 2007 | FY 2008 |
| :--- | ---: | ---: |
| Total assets | $1,425.4$ | $1,379.3$ |
| Equity | 666.2 | 603.8 |
| Interest-bearing debt | 211.4 | 315.6 |
| Debt/equity ratio | 0.32 | 0.52 |


| Increase <br> (decrease) |
| ---: |
| $(46.0)$ |
| $(62.4)$ |
| 104.2 |
| 0.20 |

## Summary of financial results (ii)

## AsahiKASEI

|  | FY 2007 | FY 2008 |
| :--- | ---: | :---: |
| Net income per share (EPS) | $¥ 50.01$ | $¥ 3.39$ |
| Dividends per share | $¥ 13$ | $¥ 10$ |
| Payout ratio | $26.0 \%$ | $295.0 \%$ |
| Net income per total assets (ROA) | $4.8 \%$ | $0.3 \%$ |
| Net income per shareholders’ equity (ROE) | $10.7 \%$ | $0.7 \%$ |
| Shareholders’ equity per share (BPS) | $¥ 476.39$ | $¥ 431.77$ |

Scope of consolidation

| Number of consolidated subsidiaries | 106 | 103 |
| :--- | ---: | ---: |
| Number of unconsolidated subsidiaries and affiliate <br> companies for which the equity method is applied | 50 | 51 |

Key operating factors

| Naphtha price (¥/kL, domestic) | 61,450 | 58,925 |
| :--- | ---: | ---: |
| $¥ /$ US\$ exchange rate (market average) | 114 | 101 |
| Employees at year end | 23,854 | 24,244 |

## Statements of income

## AsahiKASEI

|  | FY 2007 |  | FY 2008 |  | Increase <br> (decrease) | \% change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | \% of sales |  | \% of sales |  |  |
| Net sales | 1,696.8 | 100.0\% | 1,553.1 | 100.0\% | (143.7) | -8.5\% |
| Cost of sales | 1,289.0 | 76.0\% | 1,237.8 | 79.7\% | (51.2) | -4.0\% |
| Gross profit | 407.8 | 24.0\% | 315.3 | 20.3\% | (92.5) | -22.7\% |
| Selling, general and administrative expenses | 280.2 | 16.5\% | 280.3 | 18.0\% | 0.2 | +0.1\% |
| Operating profit | 127.7 | 7.5\% | 35.0 | 2.3\% | (92.7) | -72.6\% |
| Non-operating expenses of which, financing income and expense equity in net earnings of unconsolidated subsidiaries and affiliates | $\begin{gathered} (7.2) \\ (0.2) \\ 3.8 \end{gathered}$ |  | $\begin{gathered} (2.5) \\ (0.7) \\ 0.8 \end{gathered}$ |  | $\begin{gathered} 4.7 \\ (0.5) \\ (2.9) \end{gathered}$ |  |
| Ordinary profit | 120.5 | 7.1\% | 32.5 | 2.1\% | (88.0) | -73.0\% |
| Special gains and losses | (14.9) |  | (13.5) |  | 1.4 |  |
| Income before income taxes and minority interest | 105.6 | 6.2\% | 19.0 | 1.2\% | (86.6) | -82.0\% |
| Income taxes <br> Minority interest in income of consolidated subsidiaries | $\begin{array}{r} (35.0) \\ (0.6) \end{array}$ |  | (13.7) <br> (0.6) |  | 21.3 0.1 |  |
| Net income | 69.9 | 4.1\% | 4.7 | 0.3\% | (65.2) | -93.2\% |

## Financing activity

## AsahiKASEI

Financing income and expenses

|  | FY 2007 | FY 2008 |
| :--- | :---: | :---: |
| Interest expense | $(4.2)$ | $(4.3)$ |
| Interest income | 0.9 | 1.0 |
| Dividend income | 3.2 | 2.6 |
| Others | $(0.1)$ | $(0.1)$ |
| Total | $(0.2)$ | $(0.7)$ |

(¥ billion)

| Increase <br> (decrease) |
| :---: |
| $(0.1)$ |
| 0.1 |
| $(0.6)$ |
| 0.0 |
| $(0.5)$ |

Interest-bearing debt

|  | FY 2007 | FY 2008 |
| :--- | ---: | :---: |
| Short-term borrowings | 43.2 | 100.8 |
| Commercial Paper | 55.0 | 55.0 |
| Long-term borrowings | 63.2 | 132.5 |
| Bonds | 50.0 | 25.0 |
| Lease obligations | - | 2.3 |
| Total | 211.4 | 315.6 |

( $¥$ billion)

| Increase <br> (decrease) |
| :---: |
| 57.6 |
| - |
| 69.3 |
| $(25.0)$ |
| 2.3 |
| 104.2 |

7/40

## Special gains and losses

|  | FY 2007 | FY 2008 | Increase <br> (decrease) |
| :---: | :---: | :---: | :---: |
| Special gains <br> Gain on sale of investment securities <br> Gain on sale of property, plant and equipment Gain on change in equity | $\begin{aligned} & 3.4 \\ & 0.3 \\ & 0.6 \end{aligned}$ | $\begin{aligned} & 0.0 \\ & 0.5 \end{aligned}$ | $\begin{gathered} (3.4) \\ 0.2 \\ (0.6) \\ \hline \end{gathered}$ |
| Total special gains | 4.3 | 0.5 | (3.8) |
| Special losses <br> Loss on sale of investment securities <br> Loss on devaluation of investment securities <br> Loss on disposal of property, plant and equipment <br> Impairment loss <br> Charge for environmental countermeasures <br> Charge for remediation of homes delivered in previous years <br> Restructuring charges | $\begin{aligned} & 1.0 \\ & 6.8 \\ & 4.8 \\ & 2.2 \\ & 3.0 \\ & 1.3 \end{aligned}$ | $\begin{array}{r} 0.1 \\ 0.7 \\ 5.9 \\ 0.3 \\ 1.9 \\ - \\ 5.0 \end{array}$ | $\begin{gathered} 0.1 \\ (0.3) \\ (0.9) \\ (4.5) \\ (0.3) \\ (3.0) \\ 3.7 \end{gathered}$ |
| Total special losses | 19.2 | 14.0 | (5.1) |
| Net special gains (losses) | (14.9) | (13.5) | 1.4 |

## FY 2008 vs. FY 2007 sales and operating profit by segment <br> AsahiKASEI

( $¥$ billion)

|  | Sales |  |  | Operating profit |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | FY 2007 | FY 2008 | Increase <br> (decrease) | FY 2007 | FY 2008 | Increase <br> (decrease) |
| Chemicals | 879.2 | 741.5 | $(137.7)$ | 65.2 | $(0.4)$ | $(65.6)$ |
| Homes | 386.2 | 409.9 | 23.7 | 21.4 | 21.9 | 0.5 |
| Pharma | 111.2 | 119.6 | 8.4 | 12.7 | 12.0 | $(0.6)$ |
| Fibers | 114.1 | 102.2 | $(11.9)$ | 7.2 | $(0.9)$ | $(8.1)$ |
|  <br> Devices | 113.3 | 91.7 | $(21.5)$ | 22.2 | 3.3 | $(18.9)$ |
| Construction Materials | 55.7 | 60.9 | 5.2 | 2.8 | 1.7 | $(1.1)$ |
| Services, Engineering <br> and Others | 37.0 | 27.3 | $(9.7)$ | 5.2 | 5.6 | 0.5 |
| Corporate Expenses and <br> Eliminations | - | - | - | $(9.0)$ | $(8.3)$ | 0.7 |
| Total | $1,696.8$ | $1,553.1$ | $(143.7)$ | 127.7 | 35.0 | $(92.7)$ |

## Overseas sales by segment

## AsahiKASEI

(¥ billion)

|  | FY 2007 |  |  | FY 2008 |  |  | Increase (decrease) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total sales | Overseas sales | \% of total | Total sales | Overseas sales | \% of total |  |  |
|  |  |  |  |  |  |  |  | \% change |
| Chemicals | 879.2 | 354.8 | 40.4 | 741.5 | 285.0 | 38.4 | (69.9) | -19.7\% |
| Homes | 386.2 | - | - | 409.9 | - | - | - | - |
| Pharma | 111.2 | 27.9 | 25.1 | 119.6 | 29.1 | 24.4 | 1.2 | +4.5\% |
| Fibers | 114.1 | 41.4 | 36.3 | 102.2 | 33.5 | 32.8 | (7.9) | -19.1\% |
| Electronics Materials \& Devices | 113.3 | 50.5 | 44.6 | 91.7 | 40.7 | 44.3 | (9.8) | -19.4\% |
| Construction Materials | 55.7 | - | - | 60.9 | - | - | - | - |
| Services, Engineering and Others | 37.0 | 12.8 | 34.5 | 27.3 | 5.7 | 20.9 | (7.1) | -55.3\% |
| Total | 1,696.8 | 487.3 | 28.7 | 1,553.1 | 394.0 | 25.4 | (93.4) | -19.2\% |
| Sales to East Asia* |  | 287.9 | 17.0 |  | 233.2 | 15.0 | (54.6) | -19.0\% |
| Sales, excluding Homes and Construction Materials | 1,254.8 | 487.3 | 38.8 | 1,082.3 | 394.0 | 36.4 |  |  |

[^0]
## Sales increases/decreases by segment, FY 2008 vs. FY 2007

## AsahiKASEI

( $¥$ billion)

|  | Sales |  | Increase (decrease) due to: |  |  |  | Net |
| :--- | ---: | ---: | ---: | ---: | ---: | :---: | :---: | :---: |
|  | FY 2007 | FY 2008 | Sales <br> volume | Sales <br> prices | of which, due <br> to foreign <br> exchange | Others |  |
| Chemicals | 879.2 | 741.5 | $(127.7)$ | $(7.2)$ | $(17.9)$ | $(2.8)$ | $(137.7)$ |
| Homes | 386.2 | 409.9 | 15.7 | 2.6 | - | 5.4 | 23.7 |
| Pharma | 111.2 | 119.6 | 9.5 | $(7.4)$ | $(2.6)$ | 6.3 | 8.4 |
| Fibers | 114.1 | 102.2 | $(10.3)$ | $(1.6)$ | $(2.9)$ | 0.0 | $(11.9)$ |
|  <br> Devices | 113.3 | 91.7 | $(11.6)$ | $(9.5)$ | $(3.5)$ | $(0.4)$ | $(21.5)$ |
| Construction Materials | 55.7 | 60.9 | 3.9 | 1.3 | - | 0.0 | 5.2 |
| Services, Engineering and <br> Others | 37.0 | 27.3 | $(9.7)$ | 0.0 | 0.0 | 0.0 | $(9.7)$ |
| Total | $1,696.8$ | $1,553.1$ | $(130.3)$ | $(21.9)$ | $(26.9)$ | 8.5 | $(143.7)$ |

## Operating profit increases/decreases by segment,

## FY 2008 vs. FY 2007

## AsahiKASEI

|  |  |  |  |  |  |  | ( $\ddagger$ billion) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Operating profit |  | Increase (decrease) due to: |  |  |  |  |
|  | FY 2007 | FY 2008 | Sales volume | Sales prices | of which, due to foreign exchange | Operating costs and others | increase <br> (decrease) |
| Chemicals | 65.2 | (0.4) | (19.5) | (7.2) | (17.9) | (38.9) | (65.6) |
| Homes | 21.4 | 21.9 | 3.3 | 2.6 | - | (5.4) | 0.5 |
| Pharma | 12.7 | 12.0 | 8.8 | (7.4) | (2.6) | (2.0) | (0.6) |
| Fibers | 7.2 | (0.9) | (3.1) | (1.6) | (2.9) | (3.4) | (8.1) |
| Electronics Materials \& Devices | 22.2 | 3.3 | (5.1) | (9.5) | (3.5) | (4.3) | (18.9) |
| Construction Materials | 2.8 | 1.7 | 0.7 | 1.3 | - | (3.1) | (1.1) |
| Services, Engineering and Others | 5.2 | 5.6 | 0.4 | 0.0 | 0.0 | 0.1 | 0.5 |
| Corporate expenses and eliminations | (9.0) | (8.3) | - | - | - | 0.7 | 0.7 |
| Total | 127.7 | 35.0 | (14.5) | (21.9) | (26.9) | (56.3) | (92.7) |

## Sales increases/decreases by segment, H2 FY 2008 vs. FY 2007

## AsahiKASEI

|  | Sales |  | Increase (decrease) due to: |  |  |  | Net increase (decrease) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | H2 2007 | H2 2008 | Sales volume | Sales prices | of which, due to foreign exchange | Others |  |
| Chemicals | 432.8 | 288.2 | (105.8) | (28.8) | (7.9) | (10.0) | (144.6) |
| Homes | 219.3 | 239.6 | 14.7 | 1.2 | - | 4.4 | 20.3 |
| Pharma | 56.4 | 56.8 | 4.9 | (4.5) | (2.3) | 0.0 | 0.4 |
| Fibers | 57.1 | 46.3 | (8.9) | (1.9) | (1.6) | 0.0 | (10.8) |
| Electronics Materials \& Devices | 55.6 | 35.9 | (13.9) | (5.7) | (2.0) | (0.2) | (19.7) |
| Construction Materials | 25.8 | 29.6 | 2.8 | 1.0 | - | 0.0 | 3.8 |
| Services, Engineering and Others | 19.0 | 13.4 | (5.6) | 0.0 | 0.0 | 0.0 | (5.6) |
| Total | 866.0 | 709.9 | (111.7) | (38.7) | (13.8) | (5.8) | (156.1) |

Operating profit increases/decreases by segment, H2 FY 2008 vs. FY 2007

## AsahiKASEI



## Balance sheets

AsahiKASEI

|  | At end of <br> Mar. 2008 | At end of Mar. 2009 | Increase (decrease) |  | At end of <br> Mar. 2008 | At end of <br> Mar. 2009 | Increase (decrease) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Current assets | 740.1 | 682.2 | (57.9) | Liabilities | 751.2 | 768.0 | 16.8 |
| Cash on hand and in banks <br> Notes and accounts receivable, trade <br> Inventories <br> Other current assets | 82.9 | 98.0 | 15.1 | Current liabilities | 513.4 | 487.9 | (25.5) |
|  | 298.8 | 208.9 | (89.9) | Long-term liabilities | 237.8 | 280.1 | 42.3 |
|  | 272.4 | 273.5 | 1.2 | Net assets <br> Shareholders' equity | 674.2 | 611.4 | (62.8) |
|  | 86.0 | 101.8 | 15.8 |  | 613.0 | 599.1 | (13.9) |
| Fixed assets | 685.3 | 697.1 | 11.8 | Common stock | 103.4 | 103.4 | - |
| Property, plant and equipment <br> Intangible fixed assets Investments and other assets | $\begin{array}{r} 424.2 \\ 26.2 \\ 234.9 \end{array}$ | $\begin{array}{r} 441.3 \\ 37.4 \\ 218.5 \end{array}$ | $\begin{gathered} 17.1 \\ 11.2 \\ (16.4) \end{gathered}$ | Capital surplus | 79.4 | 79.4 | (0.0) |
|  |  |  |  | Retained earnings | 432.2 | 418.3 | (14.0) |
|  |  |  |  | Treasury stock, at cost | (2.0) | (1.9) | 0.1 |
|  |  |  |  | Valuation, translation adjustments and others | 53.2 | 4.7 | (48.5) |
|  |  |  |  | Minority interest in consolidated subsidiaries | 7.9 | 7.5 | (0.4) |
| Total assets | 1,425.4 | 1,379.3 | (46.0) | Total liabilities and net assets | 1,425.4 | 1,379.3 | (46.0) |

## Cash flows and primary investments

Cash flows

|  | ( $¥$ billion) |  |
| :--- | ---: | ---: |
| a. Cash flows from operating activities | FY 2007 | FY 2008 |
| b. Cash flows from investing activities | 72.9 | 68.8 |
| c. Free cash flows [a+b] | $(69.1)$ | $(135.7)$ |
| d. Cash flows from financing activities | 3.8 | $(66.9)$ |
| e.Effect of exchange rate changes on cash and cash <br> equivalents | $(02.3)$ | 87.3 |
| f. Net increase (decrease) in cash and cash equivalents [c+d+e] | $(18.7)$ | 15.1 |
| g. Cash and cash equivalents at beginning of year 101.7 83.0 <br> h. Cash and cash equivalents held by newly consolidated   <br> subsidiaries   | 0.1 | - |
| I. Cash and cash equivalents at end of year [f+g+h] | 83.0 | 98.1 |


| Primary investments |
| :--- |
| (¥ billion) |
|  FY 2007 FY 2008 <br> Capital expenditures, fixed assets 75.7 104.3 <br> Capital expenditures, intangible fixed assets 7.2 22.4 <br> Total 82.9 126.7 <br> Depreciation and amortization 74.0 79.4 <br> R\&D expenditures 56.2 60.8 |

## Forecast for Fiscal Year 2009

## Consolidated operating performance

AsahiKASEI

|  | $\begin{gathered} \text { FY } \\ 2007 \end{gathered}$ | FY 2008 |  |  | FY 2009 forecast |  |  | Increase <br> (decrease) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | H1 | H2 | Total | H1 | H2 | Total |  |
| Net sales | 1,696.8 | 843.2 | 709.9 | 1,553.1 | 619.0 | 736.0 | 1,355.0 | (198.1) |
| Operating profit | 127.7 | 40.1 | (5.2) | 35.0 | 5.0 | 36.0 | 41.0 | 6.0 |
| Ordinary profit | 120.5 | 40.7 | (8.2) | 32.5 | 4.0 | 35.0 | 39.0 | 6.5 |
| Net income | 69.9 | 23.4 | (18.7) | 4.7 | 0.0 | 15.0 | 15.0 | 10.3 |


| Naphtha price <br> (¥/kL, domestic) | 61,450 | 78,350 | 39,500 | 58,925 | 30,000 | 30,000 | 30,000 | $(28,925)$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $¥ /$ US\$ exchange rate <br> (market average) | 114 | 106 | 95 | 101 | 95 | 95 | 95 | (6) |


|  | FY <br> 2007 | FY <br> 2008 | FY 2009 |
| :--- | :---: | :---: | :---: |
| Dividends per share | $¥ 13$ | $¥ 10$ | $¥ 10$ (planned) |
| Payout ratio | $26.0 \%$ | $295.0 \%$ | $93.2 \%$ |

## Sales forecast by segment

|  | FY 2008 |  |  | FY 2009 forecast |  |  | Increase <br> (decrease) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | H1 | H2 | Total | H1 | H2 | Total |  |
| Chemicals* | 422.1 | 267.2 | 689.3 | 238.0 | 253.0 | 491.0 | (198.3) |
| Homes | 170.3 | 239.6 | 409.9 | 162.0 | 236.0 | 398.0 | (11.9) |
| Pharma | 62.8 | 56.8 | 119.6 | 57.0 | 64.0 | 121.0 | 1.4 |
| Fibers* | 64.1 | 52.3 | 116.4 | 56.0 | 58.0 | 114.0 | (2.4) |
| Electronics Materials \& Devices* | 78.7 | 51.0 | 129.7 | 63.0 | 82.0 | 145.0 | 15.3 |
| Construction Materials | 31.3 | 29.6 | 60.9 | 30.0 | 30.0 | 60.0 | (0.9) |
| Services, Engineering and Others | 13.9 | 13.4 | 27.3 | 13.0 | 13.0 | 26.0 | (1.3) |
| Consolidated | 843.2 | 709.9 | 1,553.1 | 619.0 | 736.0 | 1,355.0 | (198.1) |

* FY 2008 figures adjusted to reflect the April 2009 transfer of operations as follows;
- Transfer of Hipore ${ }^{\mathrm{TM}} \mathrm{Li}$-ion rechargeable battery separators, photopolymers, epoxy resins and other related operations from Chemicals to Electronics Materials \& Devices.
- Transfer of Leona ${ }^{\mathrm{TM}}$ filament operations from Chemicals to Fibers.
(¥ billion)

|  | FY 2008 |  |  | FY 2009 forecast |  |  | Increase <br> (decrease) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | H1 | H2 | Total | H1 | H2 | Total |  |
| Chemicals* | 13.1 | (19.6) | (6.5) | 6.0 | 9.0 | 15.0 | 21.5 |
| Homes | 3.0 | 18.8 | 21.9 | 1.0 | 17.0 | 18.0 | (3.9) |
| Pharma | 10.2 | 1.9 | 12.0 | 3.0 | 6.0 | 9.0 | (3.0) |
| Fibers* | 1.3 | (2.8) | (1.5) | (2.5) | 0.5 | (2.0) | (0.5) |
| Electronics Materials \& Devices* | 12.6 | (5.4) | 7.3 | 1.0 | 7.0 | 8.0 | 0.7 |
| Construction Materials | 0.8 | 0.8 | 1.7 | 0.5 | 1.0 | 1.5 | (0.2) |
| Services, Engineering and Others | 3.1 | 2.6 | 5.6 | 0.5 | 0.5 | 1.0 | (4.6) |
| Corporate Expenses and Eliminations* | (4.0) | (1.6) | (5.5) | (4.5) | (5.0) | (9.5) | (4.0) |
| Consolidated | 40.1 | (5.2) | 35.0 | 5.0 | 36.0 | 41.0 | 6.0 |

* FY 2008 figures adjusted to reflect the April 2009 transfer of operations as follows;
- Transfer of R\&D for electronics materials, such as Marketing Center for FPC/FPD Materials, from corporate expenses, and Hipore ${ }^{\mathrm{TM}} \mathrm{Li}$-ion rechargeable battery separators, photopolymers, epoxy resins and other related operations from Chemicals to Electronics Materials \& Devices.
- Transfer of Leona ${ }^{\mathrm{TM}}$ filament operations from Chemicals to Fibers.

| Segment | FY 08 $\begin{gathered}\text { FY 09 } \\ \text { forecast }\end{gathered}$ | Outlook |
| :---: | :---: | :---: |
| Chemicals |    <br> Sales 689.3 491.0 <br> Operating <br> profit $(6.5)$ 15.0 | Sluggish demand and high yen exchange value continuing from H2 08. Volume products (chemicals and derivative products and polymer products): Decreased costs for fuel and feedstock such as naphtha. Some recovery of sales volume from the lowpoint in demand in H 2 08. Decrease of loss on devaluation of inventory. Specialty products: Decreased costs for fuel and feedstock. Recovery of sales volume. Chemicals total: Sales decrease, operating profit increase. |
| Homes | Sales <br> Operating <br> profit 409.9 21.9$\quad 18.0$ | Increased deliveries of large condominiums. Expansion of housing-related operations. Decreased deliveries of unit homes due to decreased orders in H 208 . Sales and operating profit decrease. |
| Pharma | Sales 119.6 121.0 <br> Operating   <br> profit 12.0 9.0 | Pharmaceuticals: Increased sales volume of the Flivas ${ }^{\text {TM }}$ therapy for treatment of benign prostatic hyperplasia. Decreased licensing income. Increased R\&D expenses with advancement of new drug development. Devices: Increased shipments of APST and Planova ${ }^{\text {TM }}$. Increased depreciation and R\&D expenses. High yen exchange value. Sales increase, operating profit decrease. |
| Fibers |    <br> Sales 116.4 114.0 <br> Operating   <br> profit $(1.5)$ $(2.0)$   <br> Sas  129.7 | Decreased costs for fuel and materials. Increased shipments for Lamous ${ }^{\mathrm{TM}}$ artificial suede for automotive interiors. Delay in recovery of sales shipments for Leona ${ }^{\mathrm{TM}}$ nylon 66 filament and others. Sales decrease and fall in profitability. |
| Electronics <br> Materials \& Devices | Sales 129.7 145.0 <br> Operating   <br> profit 7.3 8.0 $\mathbf{l}$   | Electronics Materials: Increased shipments with improved market conditions in H2 09. Decreased sales prices. Increased depreciation due to plant expansions for Hipore ${ }^{\mathrm{TM}}$ and pellicles. Electronics Devices: Acquisition of semiconductor business from Toko Inc. contributing to sales increase. Operating cost reductions. Electronics total: Sales increase and slight operating profit increase. |
| Construction Materials |    <br> Sales 60.9 60.0 <br> Operating   <br> profit   1.7 1.5 | Decreased shipments due to depressed construction demand. Product prices maintained. Operating costs reduced, including through optimization of production configuration. Sales and operating profit largely unchanged. |

* FY 2008 figures adjusted to reflect the April 2009 transfer of operations as follows;
- Transfer of R\&D for electronics materials, such as Marketing Center for FPC/FPD Materials, from corporate expenses, and Hipore ${ }^{\text {TM }}$ Li-ion rechargeable battery separators, photopolymers, epoxy resins and other related operations from Chemicals to Electronics Materials \& Devices.
- Transfer of Leona ${ }^{\mathrm{TM}}$ filament operations from Chemicals to Fibers.

Execution of the following actions for accomplishment of financial targets in FY 2009
$\checkmark$ Review of general-use/commodity businesses

- Acceleration of business portfolio realignment, including restructuring of underperforming businesses.
- Actions decision adopted.

1. Closure of polyester filament plant.
2. Withdrawal from the field of monofilament.
3. Withdrawal from coenzyme Q10 business.
4. Closure of autoclaved aerated concrete plant at Shiraoi.
$\checkmark$ Cutting fixed costs by $¥ 13.5$ billion, including $¥ 3.6$ billion increase of depreciation
$\checkmark$ Reduction of capital expenditure

- $¥ 126.7$ billion for FY $2008 \rightarrow ¥ 90$ billion for FY 2009 planned
- Postponing investments for capacity expansion in general-use/commodity businesses. Prudent investments in high-growth businesses in consideration of market conditions.
$\checkmark$ Holding down inventories

| End of Dec. 08 | End of Mar. 09 | Target at end of Sep. 09 | Target at end of Mar. 10 |
| :---: | :---: | :---: | :---: |
| $¥ 324.9$ billion | $¥ 273.5$ billion | $¥ 250$ billion | $¥ 240$ billion |

$\checkmark 10 \%$ to $20 \%$ curtailment of remuneration of corporate officers

# Appendix 

## Chemicals (i)

## AsahiKASEI



## Chemicals (ii)

Results of specialty products
(¥ billion)

|  | FY 2007 |  | FY 2008 |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Sales | Operating profit | Sales | Operating profit |
| Chemicals total | 879.2 | 65.2 | 741.5 | -0.4 |
| Of which, specialty products* | 197.3 | 27.9 | 188.6 | 18.8 |

* Unaudited, simplified calculation.


## Highlights

- Jun., start of utilization of wood biomass fuel for power generation.
- Nov., announcement of plant expansion for Hipore ${ }^{\mathrm{TM}} \mathrm{Li}$-ion battery separator.
- Mar., launch of wastewater recycling business; first order received for wastewater recycling service in Suzhou, China.
- Mar., basic agreement for consolidation of fertilizer affiliates with Mitsubishi Chemical Corp. and Chisso Corp.


## AsahiKASEI



[^1]
## Review of operations

Operating profit decrease in order-built and pre-built homes. Good performance of remodeling operations. Sales and operating profit increase.
Order-built and pre-built homes:

- Recovery in the number of deliveries of Hebel Haus ${ }^{\text {TM }}$ unit homes from a decline which resulted from falsification of building material performance as came to light in Oct. 2007. Good performance in pre-built homes with deliveries of large condominium units. Impact of high costs for materials and devaluation of real estate held as inventory for sale. Sales and operating profit decrease.
- Value of home orders affected by severe deterioration of housing market due to financial crisis in H2 08, though good performance in H1 08. Orders 4.9\% lower than a year ago.
Housing-related operations:
Lackluster performance in real estate operations. Good performance in remodeling and financing operations. Sales and operating profit increase.


## Highlights

- Aug., launch of Safole ${ }^{\mathrm{TM}}$ as product brand for Hebel Maison ${ }^{\text {TM }}$ apartments featuring heightened security for single urban working women.
- Sep., market launch of Fine Hebel Haus ${ }^{\text {TM }}$ long life home with high-endurance thermal insulation/airtight structure.
- Jan., promotion campaign for Hebel Haus ${ }^{\text {TM }}$ homes featuring electric power generation with leading-edge environmental performance.


## Sales and order trends

( $¥$ billion, \% change from same period of previous year shown at right)


* Including commissions on property insurance.


## Homes (iii)

## AsahiKASEI

Breakdown of FY 2008 sales and orders
(\% change from previous year)

|  | Net sales |  | Number of units sold |  | Orders received |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ( $¥$ billion) | (\% change) | (units) | (\% change) | ( $¥$ billion) | (\% change) | (units) | (\% change) |
| 気 1-2 story | 196.1 | +2.2\% | 6,990 | +1.8\% | 188.1 | -3.3\% | 6,321 | -8.2\% |
| 3+ story | 72.7 | +4.2\% | 2,424 | -2.9\% | 63.6 | -12.2\% | 2,361 | -9.6\% |
| ¢ Total | 268.9 | +2.7\% | 9,414 | +0.5\% | 251.7 | -5.7\% | 8,682 | -8.6\% |
| $\infty$  <br> \# 1-2 story | 14.5 | +8.2\% | 1,450 | +6.1\% | 14.0 | +3.4\% | 1,272 | -2.7\% |
| $$ | 23.9 | +9.0\% | 2,402 | +7.9\% | 25.4 | -0.6\% | 2,504 | +1.2\% |
|  | 38.4 | +8.7\% | 3,852 | +7.2\% | 39.4 | +0.8\% | 3,776 | -0.2\% |
| Order-built homes total | 307.3 | +3.4\% | 13,266 | +2.4\% | 291.1 | -4.9\% | 12,458 | -6.2\% |
| Pre-built homes (including condominiums) | 29.9 | +22.2\% | 751 | +19.0\% | - | - | - | - |
| Other sales* | 1.5 | +59.6\% | - | - | - | - | - | - |
| Total | 338.7 | +5.0\% | 14,017 | +3.1\% | 291.1 | -4.9\% | 12,458 | -6.2\% |
| Consolidated subsidiaries | 71.2 | +11.8\% | - | - | - | - | - | - |
| Consolidated | 409.9 | +6.1\% | 14,017 | +3.1\% | 291.1 | -4.9\% | 12,458 | -6.2\% |

* Including commissions on property insurance.


## Homes（iv）

Breakdown of sales and orders forecast for FY 2009
（\％change from previous year）

|  | Net sales |  | Number of units sold |  | Orders received |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | （ $¥$ billion） | （\％change） | （units） | （\％change） | （ $¥$ billion） | （\％change） | （units） | （\％change） |
| 边 | 181.1 | －7．7\％ | 6，230 | －10．9\％ | 199.5 | ＋6．0\％ | 6，500 | ＋2．8\％ |
| ㅇ．3＋story | 67.4 | －7．3\％ | 2，130 | －12．1\％ | 67.0 | ＋5．3\％ | 2，350 | －0．5\％ |
| 今 Total | 248.5 | －7．6\％ | 8，360 | －11．2\％ | 266.5 | ＋5．9\％ | 8，850 | ＋1．9\％ |
| 0.0  <br> $-E$ $1-2$ story | 14.3 | －1．6\％ | 1，350 | －6．9\％ | 15.5 | ＋11．0\％ | 1，375 | ＋8．1\％ |
| 3  <br> 3 0 | 23.2 | －2．8\％ | 2，250 | －6．3\％ | 27.0 | ＋6．3\％ | 2，675 | ＋6．8\％ |
| 有发 Total | 37.5 | －2．4\％ | 3，600 | －6．5\％ | 42.5 | ＋8．0\％ | 4，050 | ＋7．3\％ |
| Order－built homes total | 286.0 | －6．9\％ | 11，960 | －9．8\％ | 309.0 | ＋6．2\％ | 12，900 | ＋3．5\％ |
| Pre－built homes （including condominiums） | 35.5 | ＋18．6\％ | 880 | ＋17．2\％ | － | － | － | － |
| Other sales＊ | 1.5 | －2．3\％ | － | － | － | － | － | － |
| Total | 323.0 | －2．9\％ | 12，840 | －8．4\％ | 309.0 | ＋6．2\％ | 12，900 | ＋3．5\％ |
| Consolidated subsidiaries | 75.0 | ＋5．3\％ | － | － | － | － | － | － |
| Consolidated | 398.0 | －4．6\％ | 12，840 | －8．4\％ | 309.0 | ＋6．2\％ | 12，900 | ＋3．5\％ |

＊Including commissions on property insurance．

Performance of main subsidiaries
(¥ billion)

|  | FY 2007 |  | FY 2008 |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Sales | Operating profit | Sales | Operating profit |
| Asahi Kasei Reform | 28.4 | 2.7 | 32.7 | 3.6 |
| Asahi Kasei Real Estate | 33.0 | 1.7 | 35.8 | 1.5 |

## Asahi Kasei Reform

## FY 2008

Steady growth in maintenance work such as roofing and repainting as a result of concerted marketing with a large expansion of sales force. Increased rate of profitability through enhanced cost controls. Sales and operating profit increase.

## FY 2009 forecast

Continued growth in maintenance work such as roofing and repainting, and increased orders for replacement of fixtures. Higher fixed costs due to sales force expansion. Sales increase, but slight operating profit decrease.

## Asahi Kasei Real Estate

## FY 2008

Solid performance in rental operations. Lower fee income from land brokerage operations. Loss on sale and devaluation of company-owned real estate. Sales increase, but operating profit decrease.

## FY 2009 forecast

Reduced effect of loss on sale and devaluation. Increase in number of rental units under rent guarantee. Sales and operating profit increase.

## (¥billion) Review of operations



Increase (decrease) due to:

| Sales <br> volume | Sales <br> prices | Foreign <br> exchange | Others |
| :---: | :---: | :---: | :---: |

Operating profit increases/decreases


Increase (decrease) due to:

| Sales <br> volume | Sales <br> prices | Foreign <br> exchange | Operating <br> costs and <br> others |
| :---: | :---: | :---: | :---: |

Pharmaceuticals:
Decreased reimbursement prices. Increased R\&D expenses. Licensing income for Famvir ${ }^{\mathrm{TM}}$ anti-herpes agent. Market launch of Recomodulin ${ }^{\mathrm{TM}}$ recombinant thrombomodulin. Increased shipments of Flivas ${ }^{\text {TM }}$ an agent for treatment of benign prostatic hyperplasia. Sales and operating profit increase.
Devices:
Increased shipments of APS ${ }^{\text {TM }}$ polysulfone-membrane artificial kidneys and Planova ${ }^{T \mathrm{TM}}$ virus removal filters, particularly exports, but increased depreciation with plant expansion, and higher yen exchange value. Sales increase, but operating profit decrease.

## Highlights

- Apr., approval acquired for Famvir ${ }^{\mathrm{TM}}$ antiviral for herpes zoster and marketing alliance with Maruho Co., Ltd.; June, NHI price listing; July, market launch.
- Apr., NHI price listing for Recomodulin ${ }^{\mathrm{TM}}$; May, market launch.
- May, completion of spinning plant for EVOH hollow-fiber membrane; Jun., start of production.
- Jun., decision to expand capacity for APS ${ }^{\text {TM }}$ polysulfone hollow-fiber dialyzer membrane.
- Nov., completion of new dry-pack APS ${ }^{\text {TM }}$ polysulfone-membrane artificial kidney plant with integrated spinning and assembly lines
- Nov., announcement of acquisition of intellectual property rights related to naftopidil, an agent for treatment of benign prostatic hyperplasia marketed as Flivas ${ }^{\text {TM }}$, from Roche Diagnostics GmbH.
- Nov., market launch of 12.5 mg and 25 mg tablets of Toledomin ${ }^{\mathrm{TM}}$ antidepressant.
- Jan., decision to construct new assembly plant for Planova ${ }^{\mathrm{TM}}$ virus removal filters in Oita; groundbreaking in Apr. 09, start-up in Mar. 2010.
- Feb., acquisition of TechniKrom, Inc., a leading supplier of bioprocess equipment.
- Mar., Japanese Red Cross Society selects Lucica ${ }^{\text {TM }}$ GA-L liquid reagent kit for measurement of glycated albumin as marker for glycemic control in diabetes.

31/40

## Pharma (ii)

AsahiKASEI
Sales of Asahi Kasei Pharma Corporation
(¥ billion)

|  | FY 2007 |  | Total | FY 2008 |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | H1 | H2 |  | H1 | H2 |  |
| Pharamaceuticals | 24.1 | 24.3 | 48.4 | 30.4 | 25.9 | 56.3 |
| Others | 2.9 | 2.6 | 5.5 | 2.4 | 2.2 | 4.7 |
| Non-consolidated | 27.0 | 26.9 | 53.9 | 32.8 | 28.2 | 61.0 |
| Devices* | 24.7 | 26.4 | 51.1 | 27.0 | 26.0 | 53.0 |
| Others | 3.1 | 3.1 | 6.2 | 3.0 | 2.6 | 5.6 |
| Consolidated | 54.8 | 56.4 | 111.2 | 62.8 | 56.8 | 119.6 |

* Asahi Kasei Kuraray Medical and Asahi Kasei Medical.

Main pharmaceuticals domestic sales
(¥ billion)

|  | FY 2007 |  | Total | FY 2008 |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | H1 | H2 |  | H1 | H2 |  |
| Elcitonin ${ }^{\text {TM }}$ | 7.1 | 6.8 | 13.9 | 6.8 | 6.4 | 13.2 |
| Bredinin ${ }^{\text {TM }}$ | 3.1 | 3.0 | 6.2 | 3.1 | 3.1 | 6.2 |
| Flivas ${ }^{\text {TM }}$ | 4.7 | 4.7 | 9.4 | 4.5 | 5.3 | 9.8 |
| Toledomin ${ }^{\text {TM }}$ | 3.1 | 3.2 | 6.3 | 2.9 | 2.1 | 5.0 |
| Exacin ${ }^{\text {TM }}$ | 0.5 | 0.5 | 1.0 | 0.4 | 0.4 | 0.8 |
| Zesulan ${ }^{\text {TM }}$ | 0.5 | 0.7 | 1.2 | 0.5 | 0.7 | 1.2 |
| Eril ${ }^{\text {TM }}$ | 0.7 | 0.7 | 1.5 | 0.7 | 0.7 | 1.4 |

## Pharma (iii)

AsahiKASEI

Overview of main products

|  | Generic name | Mechanism/ substance class | Indication | Formulation | Co-development partner |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Elcitonin ${ }^{\text {TM }}$ | Elcatonin | Eel calcitonin derivative | Osteoporosis pain | Injection | - |
| Bredinin ${ }^{\text {TM }}$ | Mizoribine | Immunosuppressant | Kidney transplantation, lupus nephritis, nephrosis syndrome, rheumatoid arthritis | Tablet | - |
| Flivas ${ }^{\text {TM }}$ | Naftopidil | Selective $\alpha$-1 blocker | Benign prostatic hypertrophy | Tablet | - |
| Toledomin ${ }^{\text {TM }}$ | Milnacipran hydrochloride | SNRI | Depression | Tablet | - |
| Exacin ${ }^{\text {TM }}$ | Isepamicin sulfate | Aminoglycoside antibiotic | Infection | Injection | Schering-Plough K.K. |
| Zesulan ${ }^{\text {TM }}$ | Mequitazine | Antihistamine (Histamine H1 antagonist) | Bronchial asthma, allergic rhinitis | Tablet, syrup, fine granules 0.6\% for pediatric | Alfresa Pharma Corp. |
| Eril ${ }^{\text {M }}$ | Fasudil | Rho-kinase inhibitor | Cerebral vasospasm after subarachnoid hemorrhage surgery | Injection | - |

## Pharma (iv)

## Overview of products launching in FY 08

|  | Generic name | Mechanism/ <br> substance class | Indication | Formulation | Co-development <br> partner |
| :--- | :--- | :--- | :--- | :--- | :---: |
| Recomodulin <br> market launch <br> in May 2008 | Recombinant <br> thrombomodulin <br> alpha | Blood coagulation | Disseminated <br> intravascular <br> coagulation | Injection | - |
| Famvir <br> market launch <br> in July 2008 | Famciclovir | Antiviral | Shingles (zoster) | Tablet | Novartis Pharma AG |

## Product pipeline

| Development stage | Product | Objective | Class | Indication |
| :--- | :--- | :--- | :--- | :--- |
| Phase III | AT-877 <br> (Injection) | Additional <br> indication | Rho-kinase inhibitor | Acute cerebral thrombosis |
|  | PTH <br> (Injection) | New biologic | Synthetic human <br> parathyroid hormone | Osteoporosis |
| Preparing for Phase III | AK-120 <br> (Oral) | Additional <br> indication | Famciclovir antivirus | Herpes simplex |
| Phase II | AT-877 <br> (Oral) | New dosage <br> form | Rho-kinase inhibitor | Pulmonary hypertension |
| Preparing for Phase II | AK-150 <br> (Injection) | New chemical <br> entity | Pentosan polysulfate | Osteoarthritis |



## Electronics Materials and Devices

## AsahiKASEI

( $¥$ billion)


| Sales <br> volume | Sales <br> prices | Foreign <br> exchange | Operating <br> costs and <br> others |
| :---: | :---: | :---: | :---: |

## Review of operations

Decreased shipments for both electronic materials and electronic devices due to a broad and rapid deterioration of market conditions occurring throughout all product sectors including cell phones, notebook PCs, and other IT and home electronics products. Sharp impact of the appreciating yen.
Sales and operating profit decrease.

## Highlights

- Jun., completion of plant expansion for Sunfort ${ }^{\mathrm{TM}}$ dry film photoresist in China and start of production.
- Jan., conclusion of basic agreement for acquisition of semiconductor business from Toko Inc.; integration of business in Apr. 09.


## Construction Materials

## AsahiKASEI

( $¥$ billion)


Increase (decrease) due to:
$\begin{array}{ccc}\begin{array}{c}\text { Sales } \\ \text { volume }\end{array} & \begin{array}{c}\text { Sales } \\ \text { prices }\end{array} & \text { Others }\end{array}$
Operating profit increases/decreases


## Review of operations

Building materials and housing materials:
Good performance of BasePack ${ }^{\mathrm{TM}}$ earthquake-resistant column base attachment system. Shipments of Hebel ${ }^{\text {TM }}$ autoclaved aerated concrete (AAC) panels maintained. Increased costs for fuel and materials. Sales increase, but operating profit decrease.
Foundation systems:
Increased shipments of Eazet ${ }^{\text {TM }}$ and ATT Column ${ }^{\text {TM }}$ piling systems for small-scale construction, and of the DynaWing ${ }^{\text {TM }}$ pre-cast concrete piling system featuring minimal soil disposal and high load-bearing capacity. Sales and operating profit increase.
Insulation materials:
Increased costs for fuel and materials. Improved product price. Improved profitability.

## Highlights

- Oct., market launch of CSV ${ }^{\text {TM }}$ soil improvement system for small-scale architecture.
- Jan., expansion of product lineup of FreeDonut ${ }^{\text {TM }}$ system for reinforcement of openings to pass plumbing/wiring through I-beams.

| Sales <br> volume | Sales <br> prices | Operating <br> costs and <br> others |
| :---: | :---: | :---: |

## Primary investments by segment

AsahiKASEI
(¥ billion)

|  | Capital expenditures |  |  | Depreciation and amortization |  |  | R\&D expenditures |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY 2008 | FY 2008* | FY 2009 forecast | FY 2008 | FY 2008* | $\begin{aligned} & \text { FY } 2009 \\ & \text { forecast } \end{aligned}$ | FY 2008 | FY 2008* | $\begin{aligned} & \text { FY } 2009 \\ & \text { forecast } \end{aligned}$ |
| Chemicals | 45.7 | 36.3 | 30.0 | 36.7 | 32.2 |  | 19.2 | 14.6 |  |
| Homes | 7.0 | 7.0 | 5.0 | 3.4 | 3.4 |  | 2.5 | 2.5 |  |
| Pharma | 31.6 | 31.6 | 13.0 | 10.3 | 10.3 |  | 16.4 | 16.4 |  |
| Fibers | 12.3 | 12.4 | 6.5 | 6.4 | 7.2 |  | 3.8 | 3.9 |  |
| Electronics Materials \& Devices | 21.6 | 31.8 | 23.0 | 15.4 | 19.8 |  | 11.2 | 18.4 |  |
| Construction Materials | 2.4 | 2.4 | 2.5 | 3.6 | 3.6 |  | 1.0 | 1.0 |  |
| Services, Engineering and Others | 1.1 | 1.1 | 1.0 | 0.8 | 0.8 |  | 0.1 | 0.1 |  |
| Corporate expenses, assets, and eliminations | 5.1 | 4.1 | 9.0 | 2.8 | 2.1 |  | 6.6 | 3.9 |  |
| Total | 126.7 | 126.7 | 90.0 | 79.4 | 79.4 | 83.0 | 60.8 | 60.8 | 64.0 |

Purchases of investment securities, $\begin{array}{llll}\text { not included in the above capital expenditures } & 17.5 & 17.5 & 13.0\end{array}$

* FY 2008 figures adjusted to reflect the April 2009 transfer of operations as follows;
- Transfer of R\&D for electronics materials, such as Marketing Center for FPC/FPD Materials, from corporate expenses, and Hipore ${ }^{\mathrm{TM}} \mathrm{Li}$-ion rechargeable battery separators, photopolymers, epoxy resins and other related operations from Chemicals to Electronics Materials \& Devices. - Transfer of Leona ${ }^{\mathrm{TM}}$ filament operations from Chemicals to Fibers


## Major investments

## AsahiKASEI

## Completed in FY 2008

- Sunfort ${ }^{\mathrm{TM}}$ dry film photoresist for printed wiring boards - 100 million $\mathrm{m}^{2} / \mathrm{y}$ capacity increase in China, June.
- Roica ${ }^{\mathrm{TM}}$ spandex - capacity expansion in Thailand, Aug.
- Fibers - new R\&D and technology center in Moriyama, Sep.
- APS ${ }^{\mathrm{TM}}$ polysulfone-membrane artificial kidneys new 5.5 million module/y plant for dry-pack APS ${ }^{\text {TM }}$ polysulfone-membrane artificial kidneys with integrated spinning and assembly lines in Nobeoka, Oct.*
- Pellicles - new production line for tenth generation LCD panels in Nobeoka, Nov.
- Naftopidil, marketed as Flivas ${ }^{\text {TM }}$, an agent for treatment of benign prostatic hyperplasia acquisition of intellectual property rights, Dec.*
- Planova ${ }^{\mathrm{TM}}$ virus removal filters - $40,000 \mathrm{~m}^{2} / \mathrm{y}$ capacity expansion at hollow-fiber spinning plant in Nobeoka, Mar. 09.*
- LSIs - plant expansions in Nobeoka.


## Under construction at FY 2008 year-end

- Sepacell ${ }^{\text {TM }}$ leukocyte reduction filters - 4 million module/y capacity increase in Oita, May 09.
- Roica ${ }^{\mathrm{TM}}$ spandex - capacity expansion in Thailand, July 09.*
- New boiler using SDA pitch in Mizushima, NEDOsupported energy conservation project, Aug. 09.*
- New integrated research complex in Fuji, Aug. 09.*
- Ion-exchange membranes - 110 thousand $\mathrm{m}^{2} / \mathrm{y}$ capacity increase in Kawasaki, H1 FY 09.
- LSIs - plant expansions in Nobeoka.*
- Hipore ${ }^{\mathrm{TM}}$ Li-ion rechargeable battery separator - 30 million $\mathrm{m}^{2} / \mathrm{y}$ capacity increase in Moriyama, FY 09, and 15 million $\mathrm{m}^{2} / \mathrm{y}$ capacity increase in Moriyama and new 40 million $\mathrm{m}^{2} / \mathrm{y}$ ( 2 lines of 20 million $\mathrm{m}^{2} / \mathrm{y}$ each) plant in Hyuga, FY 10.*

[^2]
## AsahiKASEI

## - Disclaimer -

The forecasts and estimates shown in this document are dependent on a variety of assumptions and economic conditions. Plans and figures depicting the future do not imply a guarantee of actual outcomes.


[^0]:    *China, Korea, and Taiwan.

[^1]:    * Product category division unaudited, simplified calculation.
    ${ }^{\dagger}$ Including commissions on property insurance.

[^2]:    * Investment of $¥ 3$ billion or more.

