# Financial Report The 3rd Quarter of FY2017 <br> (From Apr. 1 to Dec. 31, 2017) 

# ZEON <br> <br> ZEON CORPORATION 

 <br> <br> ZEON CORPORATION}

Jan. 31, 2018

|  | $\begin{gathered} \text { FY2017 } \\ \text { Q3 } \end{gathered}$ | $\begin{gathered} \text { FY2016 } \\ \text { Q3 } \end{gathered}$ | Increase / Decrease |  | Remarks <br> (JPY100m) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Amount | Rate |  |  |
| Net sales | 2,510 | 2,106 | 404 | 19 \% | Comparative analysis of net sales |  |
| Elastomer Business | 1,460 | 1,199 | 261 | 22 \% | Quantity variance +285 |  |
| Specialty Materials Business | 661 | 559 | 102 | 18 \% | Price variance +96 |  |
| Others | 405 | 365 | 40 | 11 \% | Exchange rate variance +23 |  |
| Eliminations | -16 | -17 | 1 |  |  |  |
| Operating income | 307 | 216 | 91 | 42 \% | Comparative analysis of operating income |  |
| (Operating income ratio) (\%) | 12.2\% | 10.3\% | 2.0 pt |  | Quantity variance +68 | Raw materials price variance - 55 |
| Elastomer Business | 166 | 135 | 31 | 23 \% | Price variance +96 | SG \& A etc. - 41 |
| Specialty Materials Business | 134 | 75 | 59 | 79 \% | Exchange rate variance +23 |  |
| Others | 6 | 6 | 0 | 4 \% |  |  |
| Non-operating income \& expenses | 22 | 6 | 16 | 274 \% |  |  |
| Ordinary income | 329 | 222 | 107 | 48 \% |  |  |
| Profit or loss on extraordinary item | -169 | -2 | -168 | - \% |  |  |
| Income before income taxes | 159 | 220 | -61 | -28 \% | Impairment loss on fixed assets -147 |  |
| Net income | 64 | 160 | -97 | -60 \% |  |  |
| Exchange rate (JPY/\$) | 111.7 | 107.2 | 4.6 | 4 \% |  |  |
| Exchange rate (JPYI€) | 127.9 | 118.9 | 9.0 | 8 \% |  |  |
| Naphtha price (JPY/kI) | 39,900 | 32,400 | 7,500 | 23 \% |  |  |
| Asian Butadiene price (USD/t) | 1,161 | 1,267 | -106 | -8 \% |  |  |

## Elastomer Business

|  | $\begin{gathered} \text { FY2017 } \\ \text { Q3 } \end{gathered}$ | $\begin{gathered} \text { FY2016 } \\ \text { Q3 } \end{gathered}$ | Increase / Decrease |  | Remarks <br> (JPY100m) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Amount | Rate |  |
| Sales volume (thousand tons) | 459 | 405 | 54 | 13 \% |  |
| Rubbers | 267 | 224 | 43 | 19 \% |  |
| Latexes | 97 | 87 | 10 | 12 \% |  |
| Chemicals | 95 | 94 | 2 | 2 \% |  |
| Net sales | 1,460 | 1,199 | 261 | 22 \% |  |
| Rubbers | 1,041 | 810 | 232 | 29 \% |  |
| Latexes | 145 | 127 | 18 | 14 \% |  |
| Chemicals | 255 | 239 | 15 | 6 \% |  |
| Eliminations | 19 | 23 | -4 | -19 \% |  |
| Operating income | 166 | 135 | 31 | 23 \% |  |
| (Operating income ratio) (\%) | 11.4\% | 11.3\% |  |  |  |

Breakdown of year-on-year increase of 19\% for rubbers sales volume
$\begin{array}{lll}\text { General-purpose rubbers } & +24 \% & \text { Domestic sales 0\%, Export sales }+43 \% \\ \text { Specialty rubbers } & +5 \% & \text { Domestic sales }+2 \%, \text { Export sales }+6 \%\end{array}$
-Specialty rubbers component ratio
Sales volume
27\% (FY2016/Q3: 31\%)
Sales amount
51\%

## Specialty Materials Business

|  | $\begin{gathered} \text { FY2017 } \\ \text { Q3 } \end{gathered}$ | $\begin{gathered} \text { FY2016 } \\ \text { Q3 } \end{gathered}$ | Increase / Decrease |  | Remarks <br> (JPY100m) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Amount | Rate |  |
| Net sales | 661 | 559 | 102 | 18 \% |  |
| Specialty Chemicals | 179 | 154 | 25 | 16 \% |  |
| Specialty Plastics | 441 | 368 | 73 | 20 \% |  |
| Medical Devices etc. | 42 | 37 | 5 | 12 \% |  |
| Operating income | 134 | 75 | 59 | 79 \% |  |
| (Operating income ratio) (\%) | 20.3\% | 13.4\% | 6.9 |  |  |

-Breakdown of year-on-year increase of $16 \%$ for specialty chemicals sales amount Specialty Chemicals +6\%, Electronic Materials $+15 \%$, Battery Materials $+34 \%$, Toner $+9 \%$

Breakdown of year-on-year increase of $20 \%$ for specialty plastics sales amount Cyclo-Olefin Polymer resins -1\%, Optical Films +27\%
-Sales volume growth rate for optical films $+10 \%$
-Proportion of the optical film sales for small-to-medium sized FPD to total optical film sales <FY2016/Q3>19\% $\rightarrow$ <FY2017/Q3>30\%

## Others

|  | $\begin{gathered} \text { FY2017 } \\ \text { Q3 } \end{gathered}$ | $\begin{gathered} \text { FY2016 } \\ \text { Q3 } \end{gathered}$ | Increase / Decrease |  | Remarks (JPY100m) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Amount | Rate |  |
| Net sales | 405 | 365 | 40 | 11 \% |  |
| Operating income | 25 | 23 | 2 | $9 \%$ |  |
| (Operating income ratio) (\%) | 6.3\% | 6.4\% | -0.1 |  |  |


|  | FY2016 |  |  |  | FY2017 |  |  | Increase I <br> Decrease <br> FY2017 Q3 <br> vs. <br> FY2017 Q2 |  | Remarks <br> (JPY100m) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Amount | Rate |  |
| Sales volume (thousand tons) | 135 | 135 | 134 | 154 | 149 | 154 | 156 | 2 | 1\% |  |
| Rubbers | 81 | 72 | 72 | 84 | 84 | 92 | 90 | -2 | -2\% |  |
| Latexes | 26 | 31 | 30 | 34 | 33 | 32 | 32 | 0 | 0\% |  |
| Chemicals | 29 | 32 | 33 | 35 | 32 | 30 | 34 | 4 | 13\% |  |
| Net sales | 700 | 702 | 704 | 770 | 828 | 839 | 843 | 4 |  | Comparative analysis of operating income |
| Elastomer Business | 416 | 399 | 384 | 463 | 492 | 492 | 476 | -17 | -3\% | Quantity variance -11 |
| Rubbers | 282 | 268 | 260 | 316 | 345 | 350 | 347 | -3 | -1\% | Price variance+11 |
| Latexes | 46 | 39 | 41 | 50 | 52 | 48 | 45 | -2 | -5\% | Exchange rate variance +4 |
| Chemicals | 80 | 84 | 75 | 90 | 88 | 89 | 77 | -12 | -14\% |  |
| Others and Eliminations | 8 | 8 | 8 | 7 | 6 | 6 | 7 | 1 | 17\% |  |
| Specialty Materials Business | 174 | 190 | 195 | 190 | 212 | 219 | 231 | 12 | 5\% |  |
| Specialty Chemicals | 49 | 50 | 55 | 54 | 55 | 58 | 66 | 8 | 14\% |  |
| Specialty Plastics | 113 | 128 | 127 | 122 | 144 | 146 | 150 | 4 | 3\% |  |
| Medical Devices etc. | 12 | 12 | 13 | 14 | 13 | 15 | 14 | -0 | -2\% |  |
| Others and Eliminations | 109 | 112 | 125 | 117 | 124 | 128 | 137 | 10 | 7\% |  |
| Operating income | 71 | 62 | 84 | 92 | 97 | 102 | 108 | 6 | 6\% | Comparative analysis of operating income |
| (Operating income ratio) (\%) | 10\% | 9\% | 12\% | 12\% | 12\% | 12\% | 13\% |  |  | Quantity variance $+17 \quad$ Raw materials price variance -14 |
| Elastomer Business | 46 | 38 | 52 | 70 | 54 | 60 | 52 | -7 | -12\% | Price variance +11 SG \& A etc. -12 |
| Specialty Materials Business | 25 | 22 | 28 | 23 | 41 | 41 | 52 | 12 | 28\% | Exchange rate variance +4 |
| Others and Eliminations | 0 | 2 | 4 | -2 | 1 | 2 | 3 | 1 | 86\% |  |
| Ordinary income | 58 | 63 | 101 | 96 | 108 | 109 | 112 | 3 | 3\% |  |
| Net income | 39 | 42 | 80 | 71 | 70 | 73 | -80 | -153 | -209\% |  |
| Exchange rate (JPY/\$) | 111.8 | 103.5 | 106.1 | 114.3 | 111.5 | 110.9 | 112.7 | 1.7 | 2\% |  |
| Exchange rate (JPY/€) | 125.8 | 115.0 | 116.0 | 121.1 | 121.5 | 129.6 | 132.4 | 2.8 | 2\% |  |
| Naphtha price (JPY/kl) | 31,600 | 31,300 | 34,000 | 41,800 | 39,100 | 36,100 | 44,400 | 8,300 | 23\% |  |
| Asian Butadiene price (USD/t) | 1,033 | 1,121 | 1,647 | 2,747 | 1,122 | 1,246 | 1,116 | -130 | -10\% |  |

## Capital Expenditures, Depreciation \& Amortization and R\&D Expenses (Quarterly trends)

(Unit : JPY100m)


## Comparative Balance Sheets (Consolidated)

## ZEON

| Liabilities and Net assets |  |  |  |
| :--- | ---: | ---: | ---: |
|  | As of Dec. 31, <br> 2017 | As of Mar. 31, <br> 2017 | Increase / <br> Decrease |
| Current assets | 2,207 | 1,825 | 381 |
| Cash and bank deposits | 330 | 117 | 213 |
| Notes and accounts receivable- | 844 | 730 | 114 |
| trade | 326 | 293 | 33 |
| Accounts receivable-other | 609 | 619 | -10 |
| Inventories | 98 | 67 | 32 |
| Other current assets | 2,278 | 2,289 | -11 |
| Fixed assets | 1,182 | 1,381 | -199 |
| Property, Plant and Equipment | 35 | 39 | -4 |
| Intangible assets | 970 | 768 | 202 |
| Investment securities | 91 | 101 | -10 |
| Other fixed assets | 4,484 | 4,114 | 370 |
| Total assets |  |  |  |


|  |  |
| :--- | ---: |
| Capital expenditures | 115 |
| Depreciation \& amortization | -151 |
| Other factors | -168 |
| Fixed assets | -203 |


| Liabilities and Net assets |  |  |  |
| :--- | ---: | ---: | ---: |
|  | As of Dec. 31, <br> 2017 | As of Mar. 31, <br> 2017 | Increase / <br> Decrease |
| Current liabilities | 1,425 | 1,143 | 283 |
| Notes and accounts payable-trade | 850 | 667 | 183 |
| short-term interest-bearing debt | 280 | 195 | 85 |
| Other current liabilities | 296 | 280 | 16 |
| Long-term liabilities | 458 | 525 | -67 |
| Long-term interest-bearing debt | 127 | 251 | -124 |
| Other long-term liabilities | 331 | 274 | 57 |
| Total net assets | 2,601 | 2,446 | 155 |
| Equity capital | 2,570 | 2,402 | 168 |
| Other net assets | 31 | 44 | -14 |
| Total liabilities and net assets | 4,484 | 4,114 | 370 |
|  |  |  |  |
| Total interest-bearing debt | 407 | 447 | -40 |
| Equity ratio | 57.3 | 58.4 | -1.1 |
| D/E Ratio | 0.16 | 0.19 | -0.03 |


| Cash flows |  |  |  |
| :--- | ---: | ---: | ---: |
|  | FY2017 | FY2016 |  |
| Cash flows from operating activities | Q3 | Q3 |  |
| Cash flows from investing activities | 356 | 391 |  |
| Free cash flows | -127 | -185 |  |
| Cash flows from financing activities | 229 | 206 |  |
| Net increase (decresase) in cash and equivalents | -73 | -154 |  |

## Forecast of Operating Performance for FY2017



## Next Announcement of Financial Statements



