## Q3 FY2013 - Apr 1, 2013 to Dec 31, 2013 -

## Financial Results

## Tokuyama Corporation Jan 31, 2014

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## 1 Financial Results for Q3 FY2013

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1) Financial Results for Q3 FY2013
1. Financial Highlights consolidated (year-on-year change)
(Billions of yen)

|  | Q3 FY2012 YTD | Q3 FY2013 YTD | Difference |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | Amount | \% |
| Net sales | 189.0 | 207.9 | +18.8 | +10 |
| Operating income | 2.7 | 12.5 | +9.7 | +354 |
| Ordinary income (loss) | (0.1) | 9.8 | +9.9 | - |
| Net income (loss) | (10.8) | 7.4 | +18.3 | - |
| Net income per share (yen) | (31.16) | 21.53 |  |  |
| Exchange rate (*/\$) | 80 | 99 |  |  |
| Domestic naphtha price ( (/k) | 55,400 | 65,700 |  |  |

Qualitative information
(Net sales) $¥ 207.9$ billion, up $10 \%$
Pluses: increased sales volume of cement and related products, selling price revisions of petrochemicals and other products, increased sales volume of vinyl chloride monomer (VCM) as a result of resolution of plant difficulties that occurred in the corresponding period of the previous year
Minus: decreased sales volume of polycrystalline silicon
(Operating income) $¥ 12.5$ billion, up $354 \%$
Plus: companywide thoroughgoing cutbacks in expenditure
Minus: domestic naphtha price hikes
(1) Financial Results for Q3 FY2013

## 1. Financial Highlights Consolidated (year-on-year change)

(Billions of yen)

|  |  | Q3 FY2012 YTD | Q3 FY2013 YTD | Difference |  |
| :--- | ---: | ---: | ---: | ---: | :---: |
|  |  |  |  |  |  |
| Net sales | 189.0 | 207.9 | +18.8 | +10 |  |
| Operating income | 2.7 | 12.5 | +9.7 | +354 |  |
| Ordinary income (loss) | $(0.1)$ | 9.8 | +9.9 | - |  |
| Net income (loss) | $(10.8)$ | 7.4 | +18.3 | - |  |
| Net income per share (yen) | $(31.16)$ | 21.53 |  |  |  |
| Exchange rate $(\neq \$)$ | 80 | 99 |  |  |  |
| Domestic naphtha price $(\neq \mathrm{kl})$ | 55,400 | 65,700 |  |  |  |

Qualitative information
(Ordinary income) $¥ 9.8$ billion, back into the black
Plus: change from foreign exchange losses recorded in the corresponding period of the previous year to foreign exchange gains Minuses: increase in interest expenses and costs of idle operations
(Net income) $¥ 7.4$ billion, back into the black
Pluses: extraordinary gains/losses improved, because the Company did not record the provision for business restructuring charges relating to Excel Shanon Corporation which was recorded in the corresponding period of the previous year; income tax expenses decreased, because the Company did not post a reversal of deferred tax assets in the period under review, which was posted in the corresponding period of the previous year
(1) Financial Results for Q3 FY2013

1 Financial Highlights Consolidated (compared with the previous fiscal year-end) (Billions of yen, except Shareholders' equity ratio and D/E ratio)

|  | As of Mar 31, 2013 | As of Dec 31, 2013 | Changes |
| :---: | :---: | :---: | :---: |
| Total assets | 518.2 | 532.3 | +14.0 |
| Shareholders' equity | 217.5 | 226.2 | +8.7 |
| Shareholders' equity ratio | 42.0\% | 42.5\% | +0.5pts |
| Interest-bearing debt | 187.7 | 204.1 | +16.4 |
| D/E ratio | 0.86 | 0.90 | +0.04 |
| Net assets per share (yen) | 625.29 | 650.39 |  |
| ¢̧ualitative information |  |  |  |
| (Total assets) |  |  |  |
| Increase factor: increase in tangible fixed assets due to construction of polycrystalline silicon manufacturing facilities in Malaysia |  |  |  |
| Decrease factor: decrease in deposits at bank and securities allocated for the payment of construction expenses above (Shareholders' equity) |  |  |  |
| Increase factor: increase in retained earnings and unrealized holding gains on available-for-sale securities (Interest-bearing debt) |  |  |  |
| Increase factor: increased short-term loans payable raised by the commitment line contracts, which were concluded for the payment of construction expenses of the Malaysia project |  |  |  |

## (1) Financial Results for Q3 FY2013

## 2 Net Sales/Operating Income by Business Segment

## (Year-on-year change)

|  | Q3 FY2012 YTD |  | Q3 FY2013 YTD |  | Difference |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Net sales | Operating income | Net sales | Operating income | Net sales | \% | Operating income | \% |
| Chemicals | 57.5 | 0.3 | 64.0 | 1.3 | +6.4 | +11 | +1.0 | +290 |
| Specialty Products | 36.5 | (1.2) | 35.2 | 2.3 | (1.3) | (4) | +3.5 | - |
| Cement | 52.9 | 3.9 | 58.1 | 4.7 | +5.2 | +10 | +0.7 | +20 |
| Life \& Amenity | 36.7 | 1.7 | 40.5 | 3.0 | +3.8 | +10 | +1.3 | +75 |
| Others | 29.7 | 1.8 | 35.7 | 3.4 | +5.9 | +20 | +1.5 | +84 |
| Total | 213.6 | 6.7 | 233.7 | 15.0 | +20.1 | +9 | +8.2 | +123 |
| Inter-segment eliminations and corporate-wide expenses | (24.6) | (3.9) | (25.8) | (2.4) | (1.2) | - | +1.4 | - |
| Consolidated results | 189.0 | 2.7 | 207.9 | 12.5 | +18.8 | +10 | +9.7 | +354 |

(Note 1) Sales and operating income shown above include inter-segment transactions.
(Note 2) From Fiscal 2013, the Advanced Components segment has been renamed the Life \& Amenity segment.
(Note 3) From Q1 FY 2013, the Company has changed its accounting method of allocating costs to each segment. Net sales and operating income for Q3 FY2012 YTD have been recalculated reflecting this change.
(1) Financial Results for Q3 FY2013

## 2 Net Sales/Operating Income by Business Segment

(Year-on-year change)

## Chemicals

Higher earnings on higher sales

(1) Financial Results for Q3 FY2013

## 2 Net Sales/Operating Income by Business Segment

(Year-on-year change)

## Specialty Products

Higher earnings on lower sales
$\square$ Net Sales $\quad$ Operating Income
(Billions of yen)
Qualitative information

(Polycrystalline silicon)
-Decreased sales volume of semiconductor-grade polycrystalline silicon due mainly to inventory adjustments in supply chains
-Lower sales volume of solar-grade polycrystalline silicon resulting from the adoption of a sales strategy that focused on profits under sluggish market conditions due to excess supply

- Improvement of average selling price resulting from the change in product mix and weaker yen
(Fumed silica, High-purity chemicals for electronics manufacturing) - Selling price revision
- Export price hikes arising from the weaker yen

Q3 FY12 YTD
Q3 FY13 YTD
(Aluminum nitride)

- Increased sales volume due to semiconductor market recovery
(1) Financial Results for Q3 FY2013


## 2 Net Sales/Operating Income by Business Segment

## (Year-on-year change)

Cement

## Higher earnings on higher sales

$\square$ Net Sales $\quad$ Operating Income
(Billions of yen)
58.1

Q3 FY12 YTD
Q3 FY13 YTD

Qualitative information
(Cement)

- Increased sales volume due to the recovery in demand in Japan
- Increased sales due to the factor that the Company made

Tokuyama Nouvelle Calédonie S.A a subsidiary in June 2013
(Recycling and environment-related business)
-The Company accepted a larger volume of waste as a result of its higher cement production
(1) Financial Results for Q3 FY2013

## 2 Net Sales/Operating Income by Business Segment

(Year-on-year change)

## Life \& Amenity

## Higher earnings on higher sales

Qualitative information
(Plastic lens-related materials)
$\square$ Net Sales $\square$ Operating Income
(Billions of yen)
40.5
36.7

Q3 FY12 YTD
Q3 FY13 YTD

(Dental materials and equipment)

- Increase sales volume resulting from overseas sales expansion
-Rise in export prices resulting from the weaker yen
(Plastic vindow sashes)
- Increase sales volume on the back of the recovery in housing starts
- Improved profitability owing to business reconstruction


## 1. Financial Results for Q3 FY2013

## 3. Progress in Companywide Expenditure Reduction

## Expenditure reduction for FY2013 (Billions of yen)

Overhead: $¥ 0.3$ billon
Purchasing: $¥ 1.7$ billion
Distribution: $¥ 0.5$ billion
Repairs: $¥ 0.5$ billion
Personnel: $¥ 2.0$ billion
5.0



Targeted amount of expenditure reduction for FY2013

Planned amount of reduction for FY2013 and amount of expenditure reduction in FY 2 O 12 by bringing forward the execution of the Plan

Amount of expenditure reduction achieved in Q3 FY2013 YTD
(compared with FY2012 forecasts, as of Feb. 28, 2013 when we announced the Plan)

Note 1: As for purchasing and distribution expenses, increase or decrease arising from quantity or currency exchange rates are excluded.
Note 2: The amount of expenditure reduction achieved in FY2013 means a year-on-year decrease in expenses that are subject to our reduction policy.

Financial Results for Q3 FY2013

## 4. Changes in Operating Income

(Year-on-year change)

## By Business Segment

-Selling price increase due to the weaker yen and other factors (+) -Decrease in depreciation owing to the loss on impairment of facilities (+)
-Transfer of costs of idle operations (non-operating expenses) (+)

- Decrease in sales volume of polycrystalline silicon (-)
- Increase in the cost of sales due to a drop in the operating rate (-)
- Companywide cost reduction (+)
- Resolution of problems at the VCM Plant (+)
- Selling price revisions of petrochemicals (+)
-Price rise of domestic naphtha(-)
- Companywide cost reduction (+)
mpanywide cost reduction (+)

$$
2.7
$$




(Billions of yen)
12.5

- Increase in sales volume of plastic lens-related materials and other products (+)
- Selling price increase due to the weaker yen (+)
- Restructuring of the plastic window sash business (+)
- Companywide cost reduction (+)

Cement

Corporate and others

> Q3 FY2013
> YTD
(Note) All numbers are discarded after the first decimal place.
(1) Financial Results for Q3 FY2013
4. Changes in Operating Income

By Factor
(Year-on-year change)
(Billions of yen)


Note: The amounts of Companywide cost reduction and impairment impact represent the amounts by which operating income excluding inventory differences are affected.

2 Revised Performance Forecast for FY2013

1. Revised Performance Forecast

2 Revised Performance Forecast by Business Segment

## 1 Revised Performance Forecast

Consolidated (compared with the previous forecast)
(Billions of yen)

|  | FY2013 Forecast <br> (Apr 30, 2013) | FY2013 Forecast <br> (Jan 31, 2014) |
| :--- | ---: | ---: |
| Net sales | 275.5 | 286.0 |
| Operating income | 14.0 | 18.0 |
| Ordinary income | 10.0 | 14.0 |
| Net income | 7.5 | 10.0 |
| Net income per share $(y e n)$ | 21.56 | 28.74 |
| Exchange rate $(\neq \$ \$)$ | 95 | 100 |
| Domestic naphtha price $(\not \approx / k)$ | 60,500 | 66,800 |


| Difference |  |
| ---: | ---: |
| Amount | $\%$ |
| +10.5 | +4 |
| +4.0 | +29 |
| +4.0 | +40 |
| +2.5 | +33 |

Reasons for the revision:
(Net sales)
Plus: rise in export prices from the weaker-than-expected yen
(Operating income)
Plus: companywide further cost reductions
Minus: increased cost of raw materials due to price rise of domestic naphtha
(Ordinary income/loss)
Plus: recording of foreign exchange gains
(Net loss)
Minus: increased income tax expenses

## 1 Revised Performance Forecast

Consolidated
(Year-on-year change based on revised forecast)

|  | FY2012 Results | Q3 FY2013 YTD <br> Results | FY2013 Forecast <br> (Jan 31, 2014) |
| :--- | ---: | ---: | ---: |
| Net sales | 258.6 | 207.9 | 286.0 |
| Operating income | 6.7 | 12.5 | 18.0 |
| Ordinary income | 3.2 | 9.8 | 14.0 |
| Net income (loss) | $(37.9)$ | 7.4 | 10.0 |


| Difference |  |
| ---: | ---: |
| Amount | $\%$ |
| +27.3 | +11 |
| +11.2 | +166 |
| +10.7 | +333 |
| +47.9 | - |


| Net income per share <br> (yen) | $\Delta 108.98$ | 21.53 | 28.74 |
| :---: | ---: | ---: | ---: |
| Exchange rate (\#/\$) | 83 | 99 | 100 |
| Domestic naphtha price <br> $(\neq / k l)$ | 57,500 | 65,700 | 66,800 |

## 2 Revised Performance Forecast by Business Segment

(Compared with the previous forecast)

|  | FY2013 Forecast <br> (Apr 30, 2013) |  | FY2013 Forecast <br> (Jan 31, 2014) |  |
| :--- | ---: | ---: | ---: | ---: |
|  | Net sales | Operating <br> income | Net sales | Operating <br> income |
|  | 83.0 | 3.5 | 87.0 | 2.0 |
| Specialty Products | 49.5 | 2.5 | 52.5 | 4.5 |
| Cement | 72.5 | 4.5 | 76.5 | 6.0 |
| Life \&Amenity | 58.5 | 4.5 | 57.0 | 5.0 |
| Others | 47.5 | 3.5 | 47.0 | 4.0 |
| Total | 311.0 | 18.5 | 320.0 | 21.5 |
| Inter-segment eliminations and <br> corporate-wide expenses | $(35.5)$ | $(4.5)$ | $(34.0)$ | $(3.5)$ |
| Consolidated Results | 275.5 | 14.0 | 286.0 | 18.0 |

(Billions of yen)

| Difference |  |
| ---: | ---: |
| Net sales | Operating <br> income |
| +4.0 | $(1.5)$ |
| +3.0 | +2.0 |
| +4.0 | +1.5 |
| $(1.5)$ | +0.5 |
| $(0.5)$ | +0.5 |
| +9.0 | +3.0 |
| +1.5 | +1.0 |
| +10.5 | +4.0 |

(Note 1) Sales and operating income shown above include inter-segment transactions.
(Note 2) From fiscal 2013, the Advanced Components segment has been renamed the Life \& Amenity segment.

## 2 Revised Performance Forecast by Business Segment

(Year-on-year change based on revised forecasts)
(Billions of yen)

|  |  |  | FY2012 Results |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | :---: |
|  |  |  | Q3 YTID Results |  |  | Forecast (Jan 31, 2014) |  |
|  | Net sales | Operating <br> income | Net sales | Operating <br> income | Net sales | Operating <br> income |  |
| Chemicals | 77.3 | 0.4 | 64.0 | 1.3 | 87.0 | 2.0 |  |
| Specialty Products | 52.8 | 0.3 | 35.2 | 2.3 | 52.5 | 4.5 |  |
| Cement | 69.9 | 5.3 | 58.1 | 4.7 | 76.5 | 6.0 |  |
| Life \& Amenity | 51.0 | 2.9 | 40.5 | 3.0 | 57.0 | 5.0 |  |
| Others | 40.1 | 2.6 | 35.7 | 3.4 | 47.0 | 4.0 |  |
| Total | 291.3 | 11.6 | 233.7 | 15.0 | 320.0 | 21.5 |  |
| Inter-segment eliminations <br> and corporate-wide <br> expenses | $(32.6)$ | $(4.9)$ | $(25.8)$ | $(2.4)$ | $(34.0)$ | $(3.5)$ |  |
| Consolidated Results | 258.6 | 6.7 | 207.9 | 12.5 | 286.0 | 18.0 |  |


| Difference |  |
| ---: | ---: |
| Net sales | Operating <br> income |
| +9.6 | +1.5 |
| $(0.3)$ | +4.1 |
| +6.5 | +0.6 |
| +5.9 | +2.0 |
| +6.8 | +1.3 |
| +28.6 | +9.8 |
| $(1.3)$ | +1.4 |
| +27.3 | +11.2 |

(Note 1) Sales and operating income shown above include inter-segment transactions.
(Note 2) From fiscal 2013, the Advanced Components segment has been renamed the Life \& Amenity segment.
(Note 3) From fiscal 2013, the Company has changed its accounting method of allocating costs to each segment. Net sales and operating income for fiscal 2012 have been recalculated reflecting this change.

## 3 Topics

1. Malaysia Project

2 Facility Expansion at Tokuyama Chemicals
(3) Topics

## 1. Malaysia Project

## Tokuyama Malaysia PS-1

- Production commenced in November 2013
- Production conditions are presently being confirmed toward the acquisition of semiconductor-grade certification

(3) Topics


## 1. Malaysia Project

## Tokuyama Malaysia PS-2

- Construction progressed as scheduled; the plant was completed at the end of 2013
- Production and sale of solar cell-grade polysilicon to commence in around the middle of 2014



## 2. Facility Expansion at Tokuyama Chemicals

Tokuyama has decided to transfer a part of Tokuyama Factory's annual production capacity of 2,000 tonnes to Tokuyama Chemicals (Zhejiang) with the aim to further expand the rapidly growing fumed silica (surface treatment grade) business in China and other Asian markets.

Fumed silica (surface treatment grade) is widely used in many applications, such as a viscosity control agent, an anti-settling agent and a flowability improving agent for paint, adhesive, ink and other products. Looking ahead, this product is expected to enjoy an increase in demand.

## [Outline of the plan]

Product to be manufactured: Fumed silica (surface treatment grade) Investment: 8.4 million US dollars (Approx. 900 million yen) Commencement of Construction: May 2014 (Planned)

Start of Operations: June 2015 (Planned)


Tokuyama Chemicals (Zhejiang) Co., Ltd.

## 4 Supplementary Data

1. Consolidated Financial Statements

2 Performance Trend

4 Supplementary Data

## 1. Consolidated Financial Statements Income statements

(Billions of yen)

|  | $\begin{gathered} \text { Q3 FY2012 } \\ \text { YTD } \end{gathered}$ | $\begin{gathered} \text { Q3 FY2013 } \\ \text { YTD } \end{gathered}$ | Difference |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | Amount | \% |
| Net sales | 189.0 | 207.9 | +18.8 | +10 |
| Cost of sales | 141.0 | 151.2 | +10.1 | +7 |
| Selling, general and administrative expenses | 45.2 | 44.1 | (1.0) | (2) |
| Operating income | 2.7 | 12.5 | +9.7 | (354) |
| Non-operating income/expenses | (2.8) | (2.6) | +0.1 | - |
| Ordinary income (loss) | (0.1) | 9.8 | +9.9 | - |
| Extraordinary income/expenses | (1.5) | (0.4) | +1.1 | - |
| Income (loss) before income taxes and minority interests | (1.6) | 9.3 | +11.0 | - |
| Income taxes and minority interests | 9.1 | 1.8 | (7.2) | (79) |
| Net income (loss) | (10.8) | 7.4 | +18.3 | - |

4 Supplementary Data

## 1. Consolidated Financial Statements Balance Sheets

(Billions of yen)


4 Supplementary Data

## 2. Performance Trend



4 Supplementary Data

## 2. Performance Trend

## (Quarter)

## Consolidated $\quad$ Net Sales $\square$ Operating Income (Billions of yen)



4 Supplementary Data

## 2. Performance Trend

## (Quarter)

Chenicals $\quad$ Net Sales $\quad$ Operating Income (Billions of yen)

(Note ) Sales and operating income shown above include inter-segment transactions.

4 Supplementary Data

## 2. Performance Trend

## (Quarter)

## Specialty Products


(Note ) Sales and operating income shown above include inter-segment transactions.

4 Supplementary Data

## 2. Performance Trend

## (Quarter)


(Note ) Sales and operating income shown above include inter-segment transactions.

4 Supplementary Data

## 2. Performance Trend

## (Quarter)

## Life \& Amenity

$\square$ Net Sales
Operating Income
(Billions of yen)

(Note ) Sales and operating income shown above include inter-segment transactions.

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Chemistry with a heart TOKUYANIA O

