

A Global Supplier for a Global Society

First Half Results for the Fiscal Year Ending March 31, 2019 (1H FY3/19)

Information Meeting

JSP Corporation

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Financial Highlights

JSP Corporation

A Global Supplier for a Global Society

Growth

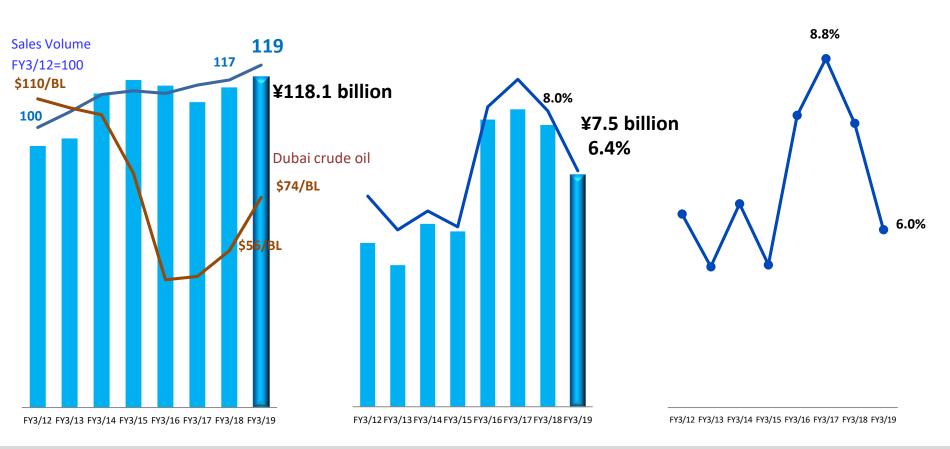
Net Sales / Sales Volume

Margin

Operating Profit / Operating Margin

Return

Ordinary Profit to Total Assets







Summary of Business Operations

1H FY3/19JSP Corporation

| Item (Million yen) | 1H FY3/18 Results | 1H FY3/19 Forecast (Announced Jul. 27, 2018) | 1H FY3/19 Results | YoY Comparison | vs. Forecast |
|---|----------------------|--|----------------------|-------------------|--------------|
| Net sales | 56,815 | 58,000 | 57,450 | +1.1% | -0.9% |
| Operating profit | 4,973 | 3,300 | 2,801 | -43.7% | -15.1% |
| Ordinary profit | 4,959 | 3,400 | 2,999 | -39.5% | -11.8% |
| Profit attributable to owners of parent | 3,595 | 2,600 | 2,350 | -34.6% | -9.6% |

- Forex: 1H FY3/19: JPY108.5/USD JPY130.7/EUR (1H FY3/18: JPY112.1/USD JPY122.2/EUR)
- Dubai crude oil: 1H FY3/19: USD73.0/BL (1H FY3/18: USD50.2/BL)
- Economic climate: US/More growth of consumer spending due to the tax cut, Mexico/Healthy economy,
 Brazil/Economy is recovering, Europe/Slowing pace of growth, Asia/Solid economic growth centered in China,
 Japan/Economy impacted by windstorm, flooding and earthquakes
- Consolidated results of operations
 Net sales: Up 1.1% because of growth in sales of value-added products and product price revisions
 Operating profit: Down 43.7% because of the slow pace of product price revisions

Extrusion Business

1H FY3/19

JSP Corporation

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| Item (Million yen) | 1H FY3/18 Results* | 1H FY3/19 Results | YoY Comparison |
|-----------------------|-----------------------|----------------------|-------------------|
| Net sales | 19,729 | 20,054 | +1.6% |
| Operating profit | 1,283 | 1,150 | -10.3% |

Value-added products raise sales, lower sales volume of food packaging materials lowers earnings

Food packaging materials and food containers



STYRENPAPER™ MIRABOARD™

 Lower sales of materials used for food trays and advertising displays Industrial packaging materials



 Higher sales because of an expansion of demand for valueadded products Home insulation materials and civil engineering materials



 $\mathbf{MIRAFOAM^{tm}}$

 Strong sales of parts pre-cut for fabrication, high-performance thermal insulation products and civil engineering materials

*Some subsidiaries have been moved to different administrative categories. Revisions have been made to sales and earnings to reflect these changes.

MIRAMAT®

CAPLON™

P-BOARD™



Bead Business

1H FY3/19JSP Corporation

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| Item (Million yen) | 1H FY3/18 Results* | 1H FY3/19 Results | YoY Comparison |
|-----------------------|-----------------------|----------------------|-------------------|
| Net sales | 34,345 | 34,286 | -0.2% |
| Operating profit | 4,067 | 2,028 | -50.1% |

Sales decreased due to lower sales in South Korea, earnings lower due to the higher cost of raw materials and fuel

A cushioning material for automotive parts and home appliances, and an impact protection material for athletic fields



ARPRO®/P-BLOCK™
ELEMPOR™ NEO



- Sales increased as these materials were used in more auto parts and many new applications
- Japan: Sales were affected by flooding, earthquakes and other natural disasters
- North America/South America/Europe: Strong sales and higher cost of raw materials
- Asia: Sales increased despite lower sales in South Korea

Expanded polystyrene, hybrid molded products





STYRODIA®
HEATPOR®
CLEARPOR®
FOAMCORE™

- Higher sales of STYRODIA® in the home appliance and functional beads sectors
- FOAMCORE™ sales down as demand declined
- *Some subsidiaries have been moved to different administrative categories. Revisions have been made to sales and earnings to reflect these changes.



Other

1H FY3/19

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| ltem (Million yen) | 1H FY3/18 Results | 1H FY3/19 Results | YoY Comparison |
|-----------------------|----------------------|----------------------|-------------------|
| Net sales | 2,739 | 3,109 | +13.5% |
| Operating profit | 59 | 64 | +7.4% |

Strong performance in Japan, increase in automotive and optical component sector orders in China

General packaging materials in Japan

 Sales in Japan increased with the support of firm sales in the automotive parts and most other market sectors



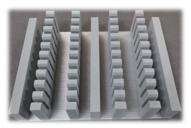
Trays for auto parts



Cushioning materials for digital home appliances

General packaging materials in China

 The receipt of packaging material orders involving automobiles and optical components resulted in higher sales



Material for transporting auto parts



Cushioning materials for optical parts



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Summary of Business Operations

FY3/19 Outlook JSP Corporation

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| ltem | FY3/18 | FY3/19 | | | YoY |
|---|---------|------------|-------------|----------------------|------------|
| (Million yen) | Results | 1H Results | 2H Forecast | Outlook (Initial) | Comparison |
| Net sales | 114,284 | 57,450 | 60,650 | 118,100 | +3.3% |
| Operating profit | 9,105 | 2,801 | 4,699 | 7,500 | -17.6% |
| Ordinary profit | 9,217 | 2,999 | 4,701 | 7,700 | -16.5% |
| Profit attributable to owners of parent | 6,853 | 2,350 | 3,150 | 5,500 | -19.8% |

Exchange rates: JPY110.2/USD (1H: JPY108.5/USD, 2H: JPY111.9/USD)

JPY130.5/EUR (1H: JPY130.7/EUR, 2H: JPY130.3/EUR)

Dubai crude oil: USD74.0/BL (1H: USD73.0/BL, 2H: USD75.0/BL)

Dividend: Annual dividend (forecast) ¥50 per share (Interim dividend ¥25, Estimated year-end dividend ¥25)



Segment Information

FY3/19 Outlook

JSP Corporation

| ltem (Million yen) | Segment | FY3/19 Initial forecast (Apr. 27, 2018) | FY3/19 Outlook (Oct. 26, 2018) | Difference |
|-----------------------|----------------------------|---|--------------------------------------|------------|
| | Extrusion Business | 42,161 | 41,173 | -988 |
| Net sales | Bead Business | 71,934 | 70,899 | -1,035 |
| ivet sales | Other | 5,905 | 6,028 | +123 |
| | Total | 120,000 | 118,100 | -1,900 |
| | Extrusion Business | 2,935 | 2,672 | -263 |
| | Bead Business | 7,359 | 5,539 | -1,820 |
| Operating profit | Other | 132 | 134 | +2 |
| | Corporate and eliminations | (926) | (845) | +81 |
| | Total | 9,500 | 7,500 | -2,000 |

Extrusion Business

FY3/19 Outlook

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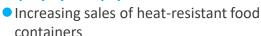
| Item | FY3/18 | FY3/19 | | | YoY |
|------------------|----------|------------|-------------|---------|------------|
| (Million yen) | Results* | 1H Results | 2H Forecast | Outlook | Comparison |
| Net sales | 40,428 | 20,054 | 21,119 | 41,173 | +1.8% |
| Operating profit | 2,692 | 1,150 | 1,522 | 2,672 | -0.7% |

Focusing on sales of high value-added products and promotion of product differentiation

Food packaging materials and food containers



Heat-resistant polystyrene paper



MIRABOARD™

Increasing sales of functional food containers

Industrial packaging materials



MIRAMAT®
CAPLON™
P-BOARD™

- Increasing sales of cushioning materials for transportation of LCD TV substrates
- Step up global sales activities
- Use differentiation products to target new markets

Home insulation materials and civil engineering materials



MIRAFOAM™

J Wall Block

- Increasing sales of MIRAFOAM™ Λ, a highperformance insulation material
- Increasing sales of J Wall Block
- Upgrade high-performance thermal insulation technology

^{*}Some subsidiaries have been moved to different administrative categories. Provisional revisions have been made to sales and earnings to reflect these changes. Sales and earnings may be changed when the financial statements are audited at the end of the fiscal year.

Bead Business

FY3/19 Outlook

JSP Corporation

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| ltem | FY3/18 | FY3/19 | | | YoY |
|------------------|----------|------------|-------------|---------|------------|
| (Million yen) | Results* | 1H Results | 2H Forecast | Outlook | Comparison |
| Net sales | 68,079 | 34,286 | 36,613 | 70,899 | +4.1% |
| Operating profit | 7,167 | 2,028 | 3,511 | 5,539 | -22.7% |

For EPP, promote regional sales strategies; for EPS, increase sales of functional products

A cushioning material for automotive parts and home appliances, and sports shoes



ARPRO®/P-BLOCK™



ELEMPOR™NEO

- Increase use of materials in auto parts (sheets, etc.)
- Increasing sales of cushioning materials for transportation of LCD TV substrates

Expandable polystyrene, hybrid molded product



STYRODIA®



CLEARPOR®



HEATPOR®

- Increase the share of sales from highly functional products
- Maintain and increase the spread

^{*}Some subsidiaries have been moved to different administrative categories. Provisional revisions have been made to sales and earnings to reflect these changes. Sales and earnings may be changed when the financial statements are audited at the end of the fiscal year.

The Four Growth Engines

JSP Corporation

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JSP's strategy for growth

The growth strategy has two components. First is continuing to improve efficiency by focusing resources on strategic activities. In particular, resources will be channeled to the four growth engines, which include the enlargement of business domains. Second is aiming for stable and sustained growth with the proper balance between offensive and defensive activities.

The Four Growth Engines



Automotive parts

Thermal insulation materials for buildings and houses

Volume-based growth vs. FY3/18

+27%

Increase in demand for seat cores as automakers reduce vehicle weight

Volume-based growth vs. FY3/18

+18%

Increase in demand for MIRAFOAM™ (high-performance thermal insulation) due to mandatory energy-saving requirements in Japan starting in 2020



Flat panel display cushioning materials

Volume-based growth vs. FY3/18

+15%

Larger TV screens LCD panels Organic EL panels



New business domains

New business sales (FY3/21 plan)

¥3.0 billion

Establish capability for M&A deals with a tight focus on themes with the greatest potential

+8%

Build an M&A framework

(expected to be completed in FY3/19)



Global Strategy for ARPRO®/P-BLOCK™

JSP Corporation

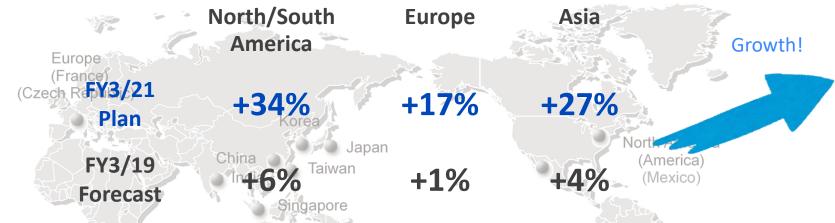
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Medium-term management plan (FY3/21)

Forecast sales volume growth of about 27% vs. FY3/18

ARPRO®/P-BLOCK™

South Amrerica



Regional strategies

- ✓ North/South America: Increase auto seat core material sales and add applications other than auto parts
- ✓Europe/South Korea: Add applications and start new businesses
- ✓ Taiwan: Add new products and target opportunities created by the demand for auto parts
- ✓ China: To prepare for future growth, increase the number of business sites and sell materials for logistics applications
- √Thailand: Increase market share in the rapidly growing ASEAN region
- ✓India: Determine the proper timing and size for the start of manufacturing operations

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Results of Operations

1H FY3/19 Supplementary Financial Information JSP Corporation

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(Percentages represent year-on-year changes)

| (Million yen) | Net sales | Operating profit | Ordinary profit | Profit attributable to owners of parent |
|---------------|-----------|------------------|-----------------|---|
| 411 FV2 /40 | 57,450 | 2,801 | 2,999 | 2,350 |
| 1H FY3/19 | (+1.1%) | (-43.7%) | (-39.5%) | (-34.6%) |
| 111 FV2 /10 | 56,815 | 4,973 | 4,959 | 3,595 |
| 1H FY3/18 | (+4.1%) | (-0.5%) | (-1.4%) | (-5.9%) |

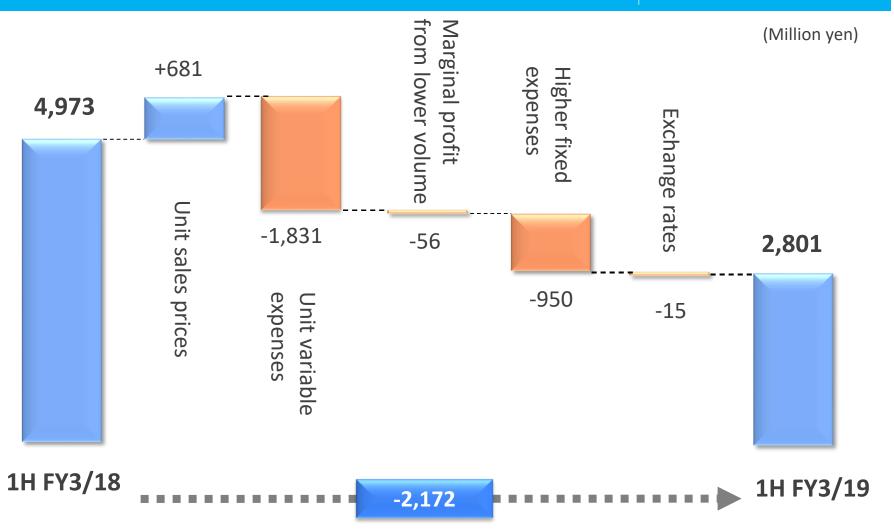
| | Net income per share (Yen) | Operating profit to net sales |
|-----------|-------------------------------|-------------------------------|
| 1H FY3/19 | 78.86 | 4.9% |
| 1H FY3/18 | 120.62 | 8.8% |

Major yen exchange rates (January-June)

| Currencies | USD | EUR | RMB |
|-------------------|-------|--------|--------|
| 1H of 2018 | 108.5 | 130.7 | 17.0 |
| 1H of 2017 | 112.1 | 122.2 | 16.3 |
| YoY Comparison | 96.8% | 106.9% | 104.0% |

Components of Change in Operating Profit

1H FY3/19 Supplementary Financial Information JSP Corporation





Non-operating Income/Expenses Extraordinary Income/Loss

1H FY3/19 Supplementary Financial Information JSP Corporation

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Non-operating Income/Expenses

| Account (Million yen) | 1H FY3/18 | 1H FY3/19 |
|----------------------------------|-----------|-----------|
| Interest income | 87 | 104 |
| Equity in earnings of affiliates | 2 | - |
| Other | 147 | 228 |
| Total non-operating income | 237 | 333 |
| Interest expenses | 53 | 75 |
| Foreign exchange losses | 154 | 7 |
| Equity in losses of affiliates | - | 7 |
| Other | 43 | 45 |
| Total non-operating expenses | 251 | 135 |

Extraordinary Income/Loss

| Account (Million yen) | 1H FY3/18 | 1H FY3/19 |
|--|-----------|-----------|
| Gain on sales of non- current assets | 22 | 12 |
| Total extraordinary income | 22 | 12 |
| Loss on sales of non- current assets | 8 | 0 |
| Loss on retirement of non-current assets | 41 | 34 |
| Total extraordinary losses | 49 | 35 |



Financial Position

1H FY3/19 Supplementary Financial Information JSP Corporation

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| (Million yen) | Total assets | Net assets | Shareholders' equity ratio | Net assets per share (Yen) |
|---------------------|--------------|------------|----------------------------|-------------------------------|
| As of Sep. 30, 2018 | 126,455 | 83,554 | 62.8% | 2,663.49 |
| As of Mar. 31, 2018 | 125,270 | 84,105 | 63.5% | 2,667.72 |

Reference: Shareholders' equity As of Sep. 30, 2018: ¥79,397 million

As of Mar. 31, 2018: ¥79,524 million

Major yen exchange rates

| Currencies | Currencies USD | | RMB |
|---------------------|----------------|-------|-------|
| As of Jun. 30, 2018 | 110.5 | 127.9 | 16.6 |
| As of Dec. 31, 2017 | 113.0 | 135.0 | 17.3 |
| YoY Comparison | 97.8% | 94.7% | 96.2% |

Balance Sheet

1H FY3/19 Supplementary Financial Information JSP Corporation

| | Account (Million yen) | As of Mar. 31, 2018 | As of Sep. 30, 2018 | Change |
|-------------|--|---------------------|---------------------|---------|
| Accets | Current assets | 67,157 | 66,283 | (873) |
| Assets | Non-current assets | 58,113 | 60,172 | 2,059 |
| | Total assets | 125,270 | 126,455 | 1,185 |
| | Current liabilities | 33,145 | 33,934 | 789 |
| Liabilities | Non-current liabilities | 8,019 | 8,966 | 947 |
| | Total liabilities | 41,164 | 42,901 | 1,736 |
| | Shareholders' equity | 78,700 | 80,334 | 1,634 |
| Net assets | Total accumulated other comprehensive income | 824 | (936) | (1,761) |
| | Non-controlling interests | 4,581 | 4,156 | (424) |
| | Total net assets | 84,105 | 83,554 | (551) |
| Total | al liabilities and net assets | 125,270 | 126,455 | 1,185 |

Net Assets

1H FY3/19 Supplementary Financial Information JSP Corporation

| | Account (Million yen) | As of Mar. 31, 2018 | As of Sep. 30, 2018 | Change |
|-------------------------|---|---------------------|---------------------|---------|
| | Capital stock | 10,128 | 10,128 | - |
| | Capital surplus | 13,405 | 13,435 | 29 |
| Shareholders' equity | Retained earnings | 56,551 | 58,156 | 1,605 |
| , , | Treasury shares | (1,385) | (1,385) | (0) |
| | Total | 78,700 | 80,334 | 1,634 |
| | Valuation difference on available- for-sale securities | 244 | 299 | 54 |
| Accumulated other | Foreign currency translation adjustment | (483) | (2,300) | (1,817) |
| comprehensive income | Remeasurements of defined benefit plans | 1,062 | 1,063 | 0 |
| | Total | 824 | (936) | (1,761) |
| Non-controlling | interests | 4,581 | 4,156 | (424) |
| Total net assets | | 84,105 | 83,554 | (551) |



Cash Flows Capital expenditures, Depreciation, R&D expenses

1H FY3/19 Supplementary Financial Information JSP Corporation

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Cash Flows

| (Million yen) | Cash flows from operating activities | Cash flows from investing activities | Cash flows from financing activities | Cash and cash equivalents |
|---------------|--------------------------------------|--------------------------------------|--------------------------------------|------------------------------|
| 1H FY3/19 | 3,286 | (5,297) | 943 | 9,358 |
| 1H FY3/18 | 3,220 | (3,435) | 276 | 8,029 |

Capital Expenditures, Depreciation, R&D Expenses

| (Million yen) | Capital expenditures | Depreciation | R&D expenses |
|---------------|----------------------|--------------|--------------|
| 1H FY3/19 | 5,717 | 2,715 | 1,052 |
| 1H FY3/18 | 3,670 | 2,506 | 1,047 |

Note: Capital expenditures are on a cash basis.

Cautionary statement with respect to forecasts

Forecasts are based on all the information currently available, and the actual results may differ due to various factors.

JSP Corporation

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