# Investor Meeting Mitsubishi Materials Corporation

# May 13, 2016 Akira Takeuchi, President

▲ MITSUBISHI MATERIALS CORPORATION

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# 1. Performance Summary (FY2016 Consolidated Results)

| YoY             | Net sales:                      | Net sales were down, particularly in the Metals business, due to factors such as a falling copper price and equipment trouble.  |
|-----------------|---------------------------------|---|
| com-<br>parison | Operating profit:               | Operating profit decreased as a result of such factors as lower profit in the Aluminum business, affected by raw materials prices, despite higher profit from the Cement business stemming from expanded operations in North America. |
|                 | Ordinary income:<br>Net income: | Ordinary income declined, partly because of further worsening in copper mine-related profits Net income rose, mainly owing to a gain on sales of investment securities.   |

| (Billions of yen, except where otherwise indicated) | FY2015 Result (a) | FY2016 Result (b) | Difference<br>(b)-(a) |
|---|-------------------|-------------------|-----------------------|
| Net sales   | 1,517.2           | 1,417.8           | - 99.3                |
| Operating profit                                    | 71.8              | 70.4              | - 1.4                 |
| Ordinary income                                     | 81.0              | 72.4              | - 8.6                 |
| Net income  | 56.1              | 61.3              | +5.1                  |
| Net income per share (yen)                          | 42.85             | 46.80             | +3.95                 |
| Dividend per share (yen)                            | 8                 | 10                | +2                    |
| Dividend ratio (%)                                  | 18.7              | 21.4              | +2.7                  |

| Exchange rate (JPY/USD) | 110     | 120     | +10      |
|-------------------------|---------|---------|----------|
| Copper price (LME)      | 297¢/lb | 237¢/lb | - 60¢/lb |

# 1. Performance Summary (FY2016 Consolidated Results)

| Compar-<br>ison with<br>previous<br><u>forecast</u> | Operating profit: Foreca<br>volume<br>Ordinary income: Ordina<br>partial<br>Net income: Achiev | Generally in line with forecast.<br>orecast was not achieved due to factors including a decline in cement export prices and lower sales<br>olume on cemented carbide products.<br>Ordinary income fell slightly below forecast levels, although the increase in copper mine dividends<br>artially offset a decline in operating profit.<br>chieved forecast levels, due to improvements in extraordinary income / loss, among other factors.<br>Our dividend forecast of ¥10 per share (up ¥2 per share year on year) remains unchanged. |                   |                       |  |  |  |
|---|--|--|-------------------|-----------------------|--|--|--|
| `   | of yen, except where<br>wise indicated)  | FY2016 Forecast (a)<br>(Announced<br>February 9, 2016)   | FY2016 Result (b) | Difference<br>(b)-(a) |  |  |  |
| Net sales   |  | 1,410.0  | 1,417.8           | + 7.8                 |  |  |  |
| Operating profit                                    |  | 72.0   | 70.4              | - 1.5                 |  |  |  |
| Ordinary  | income   | 73.0   | 72.4              | - 0.5                 |  |  |  |
| Net income  |  | 54.0   | 61.3              | + 7.3                 |  |  |  |
| Net income per share (yen)                          |  | 41.22  | 46.80             | +5.58                 |  |  |  |
| Dividend per share (yen)                            |  | 10   | 10                | —                     |  |  |  |
| Dividend ratio (%)                                  |  | 24.3 21.4  |                   | - 2.9                 |  |  |  |

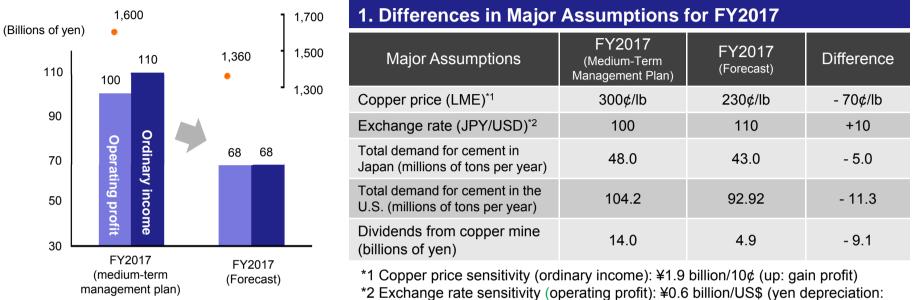
| Exchange rate (JPY/USD) | 121     | 120     | - 1    |
|-------------------------|---------|---------|--------|
| Copper price (LME)      | 234¢/lb | 237¢/lb | +3¢/lb |

## 1. Performance Summary (Consolidated Forecast for FY2017)

| YoY<br>Com-<br>parison                              | Operating profit:<br>Ordinary income: | Net sales are expected to fall, mainly due to factors including lower copper prices and yen appreciation.<br>We forecast a decrease in operating profit, due to impact of the lower copper price and yen appreciation on the<br>Metals business, although we anticipate increases from the Cement, Advanced Materials & Tools and Aluminum<br>businesses.<br>Ordinary income is forecast to decrease as a result of factors including lower dividends from copper mines and<br>higher costs related to abandoned mines.<br>We expect net income to decline due to the record of provision for environmental measures and absence of a gain<br>on sales of investment securities, which was present in FY2016.<br>In line with lower net income, we expect the dividend to be ¥6 per share per year, down ¥4 per share. |                   |                     |                       |  |  |  |
|---|---------------------------------------|--|-------------------|---------------------|-----------------------|--|--|--|
| (Billions of yen, except where otherwise indicated) |                                       |  | FY2016 Result (a) | FY2017 Forecast (b) | Difference<br>(b)-(a) |  |  |  |
| Net sales   |                                       |  | 1,417.8           | 1,360.0             | - 57.8                |  |  |  |
| Operating   | ı profit                              |  | 70.4              | 68.0                | - 2.4                 |  |  |  |
| Ordinary i  | income                                |  | 72.4              | 68.0                | - 4.4                 |  |  |  |
| Net incom   | Net income                            |  | 61.3              | 25.0                | - 36.3                |  |  |  |
| Net income per share (yen)                          |                                       | 46.80  | 19.08             | - 27.72             |                       |  |  |  |
| Dividend per share (yen)                            |                                       | 10   | 6                 | - 4                 |                       |  |  |  |
| Dividend ratio (%)                                  |                                       | 21.4 31.4 + 1  |                   |                     |                       |  |  |  |

| Exchange rate (JPY/USD) | 120     | 110     | - 10    |
|-------------------------|---------|---------|---------|
| Copper price (LME)      | 237¢/lb | 230¢/lb | - 7¢/lb |

### 2. Progress on the Medium-Term Management Plan (Outlook for Final Fiscal Year)



gain profit)

#### 2. Differences in Ordinary Income by Segment (Billions of Yen)

| Segment                                 | Ordinary Income           | Difference | Main Reasons for Differences  |
|---|---------------------------|------------|---|
| Cement                                  | $35.0 \rightarrow 21.1$   | - 13.9     | Delayed recovery in Japanese and U.S. demand, worsening business environment in China                       |
| Metals                                  | 40.0 → 25.1               | - 14.9     | Downturn in sales of processed copper products, lower dividends from copper mine due to lower copper prices |
| Advanced<br>Materials &<br>Tools        | <b>23.0</b> → <b>16.1</b> | - 6.9      | Downturn in demand for cemented carbide products and delayed sales expansion                                |
| Electronic<br>Materials &<br>Components | 6.0 → 4.0                 | - 2.0      | Sluggish growth in sales of advanced materials and products for smartphones and other products              |
| Aluminum                                | <b>7.0</b> → <b>6.1</b>   | - 0.9      | Downturn in sales of extruded heat exchanger materials for automobiles in overseas                          |

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### 2. Progress on Medium-Term Management Plan (Group-wide Growth Strategy)

# Fortifying the Foundation for Growth

### **Accelerate Business Selection and Focus**

Key Strategic and Major Investments in Period of Current Medium-Term Management Plan

| Cement                                  | <ul> <li>Expanded limestone crushed sand production capabilities in Kyushu plant [August 2015]</li> </ul>   |
|---|---|
| Cement                                  | <ul> <li>Expanded powder of waste gypsum board recycle processing capabilities in Kyushu plant<br/>[December 2015]</li> </ul>   |
| Metals                                  | <ul> <li>Expanded E-Scrap receiving and processing capabilities in Naoshima Smelter and Refinery's<br/>[April 2016]</li> </ul>  |
| Advanced<br>Materials & Tools           | <ul> <li>Acquired 51% stocks in Hitachi Tool Engineering Ltd, converted company to consolidated<br/>subsidiary [April 2015]</li> </ul>  |
| Advanced<br>Materials & Tools           | <ul> <li>Increasing cemented carbide end mill production capacity and commence production of<br/>cemented carbide drill in Indonesia [Slated for completion in October 2016]</li> </ul> |
| Key Bı                                  | usiness Restructuring, Sales of Shares and Other Activities in Period of  |
|   | Current Medium-Term Management Plan   |
| Cement                                  | Spun off Mitsubishi Materials Kenzai Corp. and transferred business [October 2015]  |
| Cement                                  | <ul> <li>Conducted share exchange of all shares in Tokyo Hoso Kogyo Co., Ltd. and transferred business<br/>[April 2016]</li> </ul>  |
| Metals                                  | • Expanded scope of joint venture in cable business of Mitsubishi Cable Industries, Ltd [April 2016]  |
| Advanced<br>Materials & Tools           | Sold partial shares of MMC Superalloy [June 2014]   |
| Electronic<br>Materials &<br>Components | Sold partial shares of common stock in SUMCO [April 2015]   |

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2. Progress on Medium-Term Management Plan (Group-wide Growth Strategy)

# **Strengthening Global Competitiveness**

### **Overseas Business Expansion in Markets Expected to Grow**

| Key Initiatives Related to Overseas Business Expansion in Period of Current |
|---|
| Medium-Term Management Plan   |

| Cement                                  | <ul> <li>Commence operation of new aggregate mine (Hubs aggregate mine) in South California<br/>[November 2014]</li> </ul>                                      |
|---|---|
| Cement                                  | <ul> <li>Acquisition of factory site for new ready-mixed concrete plant in Northwestern of Los Angels<br/>[December 2015]</li> </ul>                            |
| Metals                                  | <ul> <li>Established E-Scrap recycling business division in the United States [July 2014]</li> </ul>  |
| Advanced<br>Materials & Tools           | <ul> <li>Expanded cemented carbide sales bases (one in Turkey, four in China, one in Vietnam, and one<br/>in India)</li> </ul>                                  |
| Advanced<br>Materials & Tools           | <ul> <li>Expanding cemented carbide production bases (planned increases in production capacity at<br/>bases in the United States and Spain)</li> </ul>          |
| Advanced<br>Materials & Tools           | Commenced manufacture of sintering parts in Indonesia [April 2014]  |
| Electronic<br>Materials &<br>Components | Began production of thermistor sensors in Laos [June 2015]  |
| Aluminum                                | <ul> <li>Started production of extruded aluminum heat exchanger materials (multi-port tubes) in India<br/>[March 2016]</li> </ul>                               |
| Common                                  | <ul> <li>Converted supervisory offices to local subsidiaries in South and Southeast Asia, and expanded<br/>their functions and networks [April 2015]</li> </ul> |

# 2. Progress on Medium-Term Management Plan (Group-wide Growth Strategy)

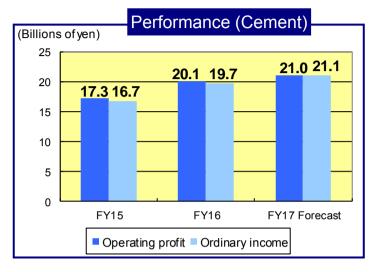
### **Progress on Improving Our Financial Position**

| (Billions of yen) |                       | FY2015<br>Results | FY2016<br>Results | FY2017<br>Forecast | FY2017<br>Plan |
|-------------------|-----------------------|-------------------|-------------------|--------------------|----------------|
| BS                | Interest-bearing debt | 630.8             | 526.3             | 580.0              | 650.0          |
|                   | Net D/E ratio (times) | 1.0               | 0.8               | 0.9                | 1.0 or less    |
| CF                | Operating cash flow   | 108.0             | 118.6             | 75.0               | -              |
|                   | Three-year cumulative | _                 | _                 | 301.7              | 361.0          |
|                   | Investing cash flow   | (42.3)            | (29.9)            | (115.0)            | -              |
|                   | Three-year cumulative | -                 | -                 | (187.3)            | (318.0)        |
|                   | Free cash flow        | 65.7              | 88.7              | (40.0)             | -              |
|                   | Three-year cumulative | _                 | _                 | 114.4              | 43.0           |

### **Future Financial Strategy Directions**

We will consider policies for the next medium-term management plan by taking into account a balance among investment in growth, financial structure and shareholder returns.

### 3. Initiatives by Segment (Cement)



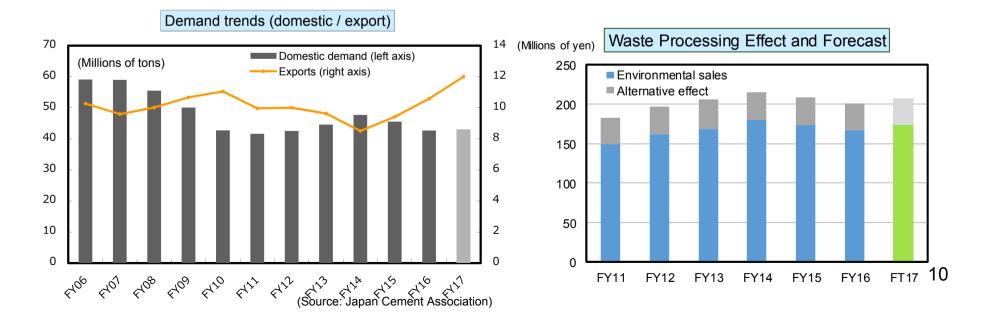
### Japan

Outlook for demand in Japan
 Assumed to rise slightly year on year, to 43 million tons
 Export environment

Prices in Asia are assumed to fall, although plan to increase volume, notably in Oceania

 High-value-added promotion for waste disposal processing

Increased processing prices and greater acceptance of difficult item to dispose



### 3. Initiatives by Segment (Cement)

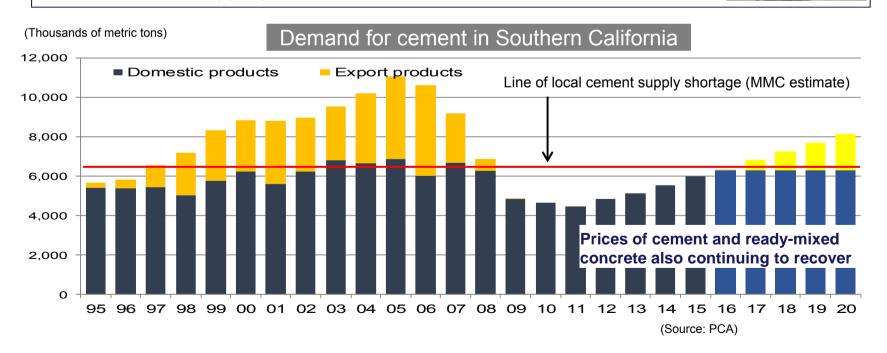
### **North America**

Expansion of cement supply system

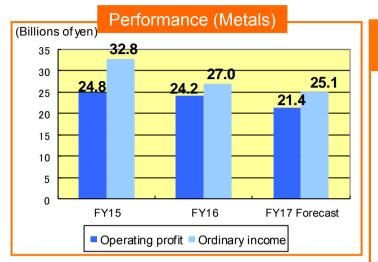
Preparing to expand import terminal in anticipation of cement supply shortage from 2017

 Further increase in ready-mixed concrete operations
 Newly construct or acquire ready-mixed concrete plants, further ensure aggregate resources





# 3. Initiatives by Segment (Metals)



### Mining

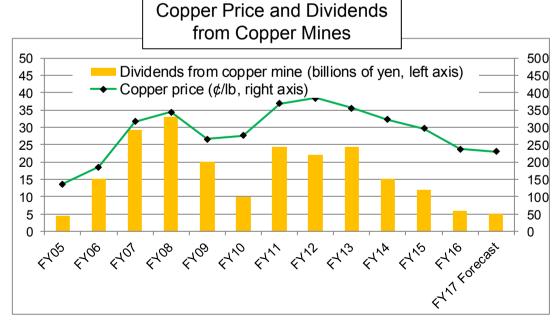
### FY2016 copper price outlook

FY2016 assumption is an average of 230¢/lb (1H: 225 ¢/lb; 2H: 235¢/lb)

### ♦ New mine development

Ongoing promotion of Zafranel project in Peru (currently in pre-F/S stage)





### 3. Initiatives by Segment (Metals)

### Smelting

### Smelting margin in FY2016

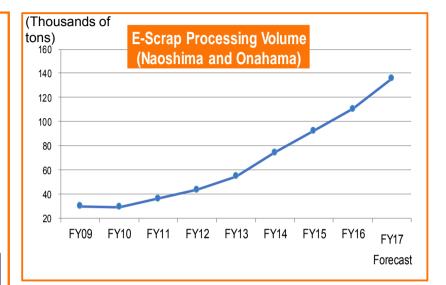
Expected to be generally the same as in the preceding fiscal year

# Expansion of the recycling business Becoming a world leader in E-Scrap receiving and processing capacity

Completed expansion of annual receiving and processing capacity at the Naoshima Smelter and Refinery from 80,000 tons to 110,000 tons (total capacity of 140,000 tons, including Onahama Smelting & Refining., Ltd)



E-Scrap



### **Copper Processing**

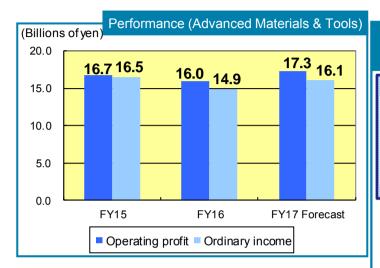
#### Business environment

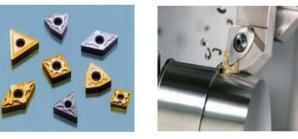
Expect to finish inventory adjustment of processed copper products and recovery of environment for automotive and semiconductor sector

### Increasing sales and strengthen of cost competitiveness

Expand sales for automotive and smart meter sector and focus to cost reduction such as improvement of yield rate

# 3. Initiatives by Segment (Advanced Materials & Tools)





### **Cemented Carbide Products**

Strengthen and maintain product supply and solution proposal capabilities, and build a business structure that will engender customers' trust in us as partners

- Expand global production and sales bases
   Established seven overseas sales bases in FY2015 and FY2016
- Strengthen sales capabilities with industry-specific teams
   Select three focus sectors: automobiles, aircraft and medical equipment
- Enhance expansion technical bases (currently five) and cooperation
   New Chubu Technical Center (Gifu Prefecture) scheduled to open

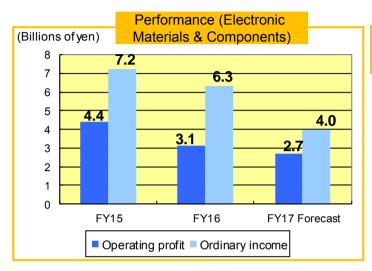
Eliciting Synergies with Mitsubishi Hitachi Tool Engineering

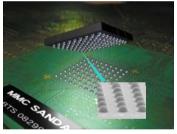
- Step 1: Held networking events in individual departments from April 2015 (completed)
- Step 2: Identify and quantify areas of potential synergy (ongoing)

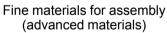
Areas of potential synergy  $\Rightarrow$  • Expand product lineup (mutual product supply, accelerated new product development)

- Upgrade product functionality (joint development)
- Improve delivery times (flexible manufacturing system, share the MMC's IT infrastructure)

# 3. Initiatives by Segment (Electronic Materials & Components)









DBA substrate (advanced materials)



MME Laos (electronic devices)

### **Electronic Materials & Components**

#### Advanced materials

- Expand business in sputtering target for the CIGS solar cell, organic electroluminescence and touch panel markets
- Rally the business with new products (high-speed plating chemicals) in the area of fine materials for assembly—packaging materials—for smartphones
- Expand sales through new applications (electric railway, industrial equipment, etc.) of insulation substrate DBA products for hybrid vehicles

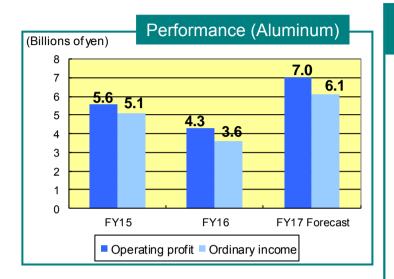
#### Electronic devices

Centering on thermistor sensors, promote configuration of optimal production and sales system, and expand sales to air conditioner, refrigerator and other markets

#### Silicon

Although the business environment remains difficult due to oversupply, achieve world-leading quality in polycrystalline silicon, and boost customer satisfaction to augment sales

## 3. Initiatives by Segment (Aluminum)



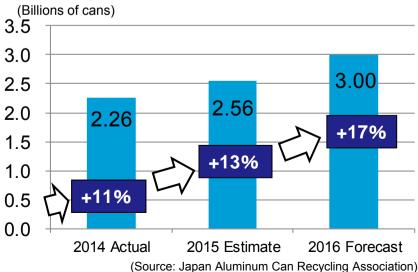
### Aluminum

### Rolled and extruded products

(Mitsubishi Aluminum Company, Ltd.)

Expanded overseas production base for heat exchanger materials

- $\rightarrow$  Commenced production at new company in India (March 2016)
- Can production (Universal Can Corporation) Increasing sales of bottle cans, for which demand expanding
  - $\rightarrow$  Boost production capacity and increase sales through measures such as accelerating existing production lines



Japanese Demand for Aluminum Bottle Cans



Can products (Left: bottle can; right: regular can)



Rolled and extruded products (extruded heat exchanger materials for automobiles)



 Execution of medium-term management plan growth strategy

Continue financial constitutional improvement along with steady strategic investment for sustained growth, and strengthen the basis for growth

Materials Premium 2016

Challenge to Become the World's Leading Business Group For further information, please contact:

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E-mail: ml-mmcir@mmc.co.jp URL: http://www.mmc.co.jp/corporate/en/index.html

These projected performance figures are based on information available to the Company's management as of the day for releasing this material. There are many uncertain or risk factors inherent in projections, and there might be cases in which actual results materially differ from projections of this material.