### **Consolidated Financial Results**

First Quarter, 2021



(May 13, 2021)

### SHOWA DENKO K.K.

Motohiro Takeuchi, CFO Representative Director & Managing Corporate Officer

### Overview of CQ1, 2021 Financial Results



### Net Sales, Operating Income

**Net Sales: ¥339.7 bn** (vs. CQ4, 2020 up ¥2.0 bn, vs. CQ1, 2020 up ¥167.9 bn)

Sales of petrochemicals increased due to a rise in market prices, and sales figures of Showa Denko Materials increased due to strong demand for semiconductors.

**Operating Income: ¥20.8 bn** (vs. CQ4, 2020 up ¥24.9 bn, vs. CQ1, 2020 up ¥18.3 bn)

Showa Denko Materials contributed to an increase in profit due to good performance of its semiconductor-related business.

Graphite electrode business went into the black due to progress in cost reduction measures including elimination of expensive raw materials.

Influence of COVID-19 shrunk to ¥2.0 bn (Showa Denko Materials)

### Costs of the integration with Showa Denko Materials

| Item   |  | CQ1, 2021 | 2021 forecast |
|--|--|-----------|---------------|
| Post-merger integration (PMI) expenses*                  | (Operating expenses)                                   | -0.8      | -8.0          |
| Interest on borrowing related to share acquisition, etc. | (Non-operating expenses)                               | -2.1      | -8.5          |
| Preferred stock dividends                                | (Net income attributable to non-controlling interests) | -3.2      | -12.9         |
|  | Total  | -6.0      | -29.4         |

<sup>(2021</sup> forecast was announced on Feb. 17, 2021) \*PMI expenses: expenses related to merger processes such as management and operation to maximize the effect of integration after merger.

### Consolidated Companies, Selected Data



### **Consolidated Companies**

Consolidated subsidiaries: 151 (±0 from Dec. 31, 2020)

Equity method applied: 14 (+1 from Dec. 31, 2020)

+1: Change in classification of an affiliate to be an equity-method affiliate

### Selected Data

(Average)

|                               |                         | Jan Mar.<br>2020          | Oct Dec.<br>2020             | Jan Mar.<br>2021          |  |
|-------------------------------|-------------------------|---------------------------|------------------------------|---------------------------|--|
| Exc                           | Exchange rates          |                           |                              |                           |  |
|                               |                         | 108.9                     | 104.5                        | 105.9                     |  |
|                               | (¥/US\$)                | At March 31,2020<br>108.8 | At December 31,2020<br>103.5 | At March 31,2021<br>110.7 |  |
|                               | (¥/€)                   | 120.1                     | 124.5                        | 127.7                     |  |
| Domestic naphtha price (¥/KL) |                         | 44,800                    | 31,300                       | 38,800                    |  |
| Alι                           | ıminum                  |                           |                              |                           |  |
|                               | LME (US\$/T)            | 1,713                     | 1,931                        | 2,101                     |  |
|                               | Domestic market* (K¥/T) | 236                       | 252                          | 277                       |  |

(\*Domestic market: data from Nikkei)

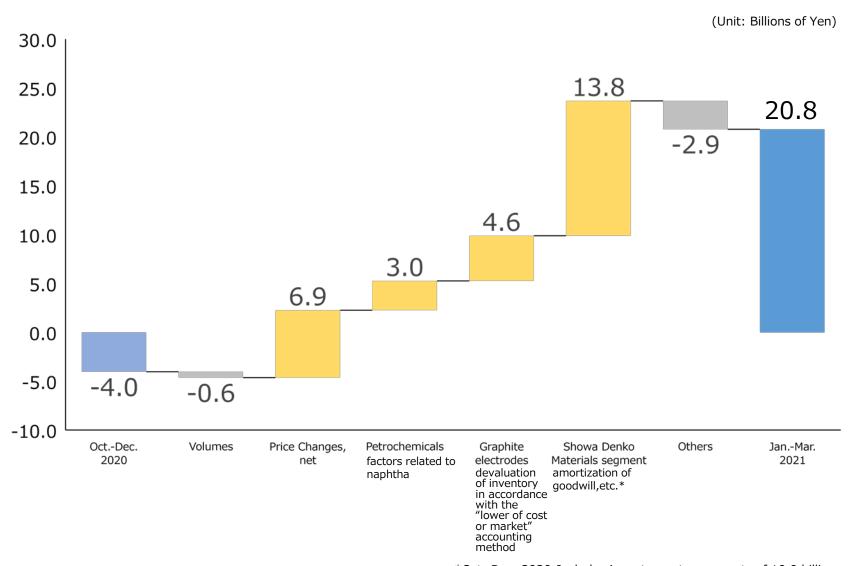
## **Summary** (CQ4 (Oct.-Dec.), 2020 vs. CQ1 (Jan.-Mar.), 2021)



|  | CQ4, 2020 | CQ1, 2021 | Increase/<br>decrease |
|--|-----------|-----------|-----------------------|
| Net sales  | 337.7     | 339.7     | 2.0                   |
| Operating income   | -4.0      | 20.8      | 24.9                  |
| Non-operating income and expenses, net   | -3.2      | 4.3       | 7.4                   |
| Ordinary income  | -7.2      | 25.1      | 32.3                  |
| Extraordinary profit/loss  | -14.6     | -11.7     | 2.9                   |
| Income before income taxes   | -21.8     | 13.4      | 35.2                  |
| Income taxes   | 7.3       | -4.2      | -11.5                 |
| Net income   | -14.5     | 9.2       | 23.7                  |
| Net income attributable to non-controlling interests                                     | -4.1      | -4.0      | 0.1                   |
| Net income attributable to owners of the parent  | -18.6     | 5.2       | 23.8                  |
| <b>EBITDA</b> (Operating income + Depreciation expense + Amortization of goodwill, etc.) | 28.2      | 50.0      | 21.8                  |
| EBITDA margin%   | 8.4%      | 14.7%     | 6.3p                  |

## Operating Income Breakdown by Factor (CQ4, 2020 vs. CQ1, 2021)





## Summary of Consolidated Sales and Operating Income by Segment (CQ4, 2020 vs. CQ1, 2021)



(Unit: Billions of Yen)

|                   |       | CQ4, 2020 | CQ1, 2021 | Increase/ | decrease |
|-------------------|-------|-----------|-----------|-----------|----------|
| Dotrochomicale    | Sales | 50.8      | 57.8      | 6.9       | 13.6%    |
| Petrochemicals    | O.I.* | 3.6       | 5.5       | 1.9       | 51.9%    |
| Chamicala         | Sales | 42.8      | 41.3      | -1.5      | -3.4%    |
| Chemicals         | O.I.  | 4.2       | 4.9       | 0.7       | 16.7%    |
| Floatronica       | Sales | 28.7      | 21.7      | -7.0      | -24.5%   |
| Electronics       | O.I.  | 4.3       | 1.4       | -2.9      | -67.8%   |
| Inorganica        | Sales | 21.6      | 21.2      | -0.4      | -1.6%    |
| Inorganics        | O.I.  | -6.1      | 1.0       | 7.1       | -        |
| Alumainuma        | Sales | 21.7      | 22.5      | 0.7       | 3.4%     |
| Aluminum          | O.I.  | 0.7       | 2.3       | 1.6       | 225.9%   |
| Showa Denko       | Sales | 157.9     | 159.6     | 1.7       | 1.1%     |
| Materials         | O.I.  | -9.1      | 7.6       | 16.7      | -        |
| Othoro            | Sales | 27.3      | 28.2      | 0.9       | 3.4%     |
| Others            | O.I.  | 0.6       | 0.2       | -0.4      | -73.1%   |
| A divistres sints | Sales | -13.1     | -12.5     | 0.5       | -        |
| Adjustments       | O.I.  | -2.3      | -2.0      | 0.3       | _        |
| Tatal             | Sales | 337.7     | 339.7     | 2.0       | 0.6%     |
| Total             | O.I.  | -4.0      | 20.8      | 24.9      | -        |

(\*O.I: Operating income)

## Consolidated Sales and Operating Income by Segment (1) (CQ4, 2020 vs. CQ1, 2021)



### **Petrochemicals**

(Unit: Billions of Yen)

|                  | CQ4,<br>2020 | CQ1,<br>2021 | Increase/<br>decrease |
|------------------|--------------|--------------|-----------------------|
| Sales            | 50.8         | 57.8         | 6.9                   |
| Operating Income | 3.6          | 5.5          | 1.9                   |

Olefins: sales and profit increased (recovery from a negative effect of depreciation of naphtha inventory due to a rise in raw naphtha price)

Organic Chemicals: sales increased (shipment volumes of vinyl acetate substantially up due to a recovery of demand in the latter half of 4Q, 2020), profit decreased (spread was squeezed due to a rise in costs of raw materials)

SunAllomer Ltd.: Sales and profit increased (shipment volumes up due to a recovery of automotive demand)

#### **Chemicals**

(Unit: Billions of Yen)

|                  | CQ4,<br>2020 | CQ1,<br>2021 | Increase/<br>Decrease |
|------------------|--------------|--------------|-----------------------|
| Sales            | 42.8         | 41.3         | -1.5                  |
| Operating Income | 4.2          | 4.9          | 0.7                   |

General: sales decreased due to shutdown maintenance (SDM) in 1Q and seasonal

Basic chemicals: sales slightly decreased, profit maintained at CQ4, 2020 level

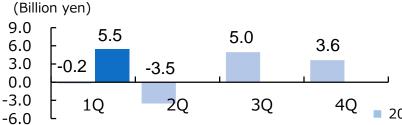
Electronic chemicals: sales remained at CQ4, 2020 level, profit decreased (steady demand but shipment volumes down due to SDM and seasonal cycle)

Functional chemicals: sales slightly decreased, profit increased (shipment volumes up, cost reduction)

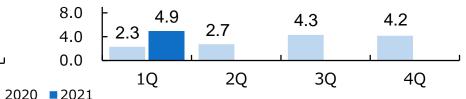
Industrial gases: sales and profit decreased (shipment volumes down due to seasonal cycle)

Coating materials: sales decreased, profit slightly increased

#### [Quarterly Operating Income]



## [Quarterly Operating Income] (Billion yen)



## Consolidated Sales and Operating Income by Segment (2) (CQ4, 2020 vs. CQ1, 2021)



#### Electronics

(Unit: Billions of Yen)

|                  | CQ4,<br>2020 | CQ1,<br>2021 | Increase/<br>decrease |
|------------------|--------------|--------------|-----------------------|
| Sales            | 28.7         | 21.7         | -7.0                  |
| Operating Income | 4.3          | 1.4          | -2.9                  |

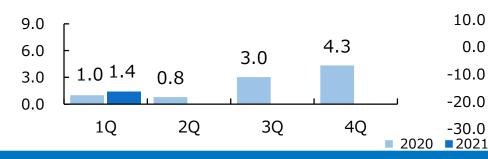
HDs: sales and profit decreased (shipment volumes down due to seasonal cycle)

Compound semiconductors: sales and profit increased (lower of cost or market accounting method in CQ4,2020)

LIB materials: sales slightly decreased, profit maintained at CQ4,2020 level (seasonally)

SiC epitaxial wafers: sales and profit decreased (shipment volumes down)

### [Quarterly Operating Income] (Billion yen)



### <u>Inorganics</u>

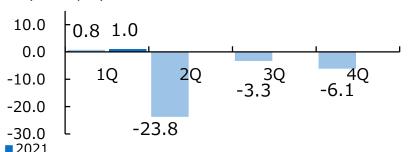
| (Unit: | Billions | OΓ | ren) |
|--------|----------|----|------|
|        |          |    |      |

|                  | CQ4,<br>2020 | CQ1,<br>2021 | Increase/<br>decrease |
|------------------|--------------|--------------|-----------------------|
| Sales            | 21.6         | 21.2         | -0.4                  |
| Operating Income | -6.1         | 1.0          | 7.1                   |

Ceramics: sales and profit increased (shipment volumes for automotive use up due to a recovery of steel and auto industries)

Graphite electrodes: sales decreased (shipment volumes maintained at CQ4, 2020 level but sales prices slightly down), profit increased (recovery from the devaluation of inventory caused by an application the "lower of cost or market" accounting method in 2020)

### [Quarterly Operating Income] (Billion yen)



### Consolidated Sales and Operating Income by Segment (3) (CQ4, 2020 vs. CQ1, 2021)



#### Aluminum

(Unit: Billions of Yen)

|                  | CQ4,<br>2020 | CQ1,<br>2021 | Increase/<br>decrease |
|------------------|--------------|--------------|-----------------------|
| Sales            | 21.7         | 22.5         | 0.7                   |
| Operating Income | 0.7          | 2.3          | 1.6                   |

Aluminum specialty components: sales and profit increased (shipment volumes up due to a recovery of demand in OA/FA industries, cost reduction)

High-purity foil for capacitors: sales and profit increased (shipment volumes up due to a recovery of demand in auto and FA industries)

Aluminum cans: sales decreased, profit increased (shipment volumes down seasonally, but profit up due to cost reduction)

### Others

(Unit: Billions of Yen)

|                  | CQ4,<br>2020 | CQ1,<br>2021 | Increase/<br>decrease |
|------------------|--------------|--------------|-----------------------|
| Sales            | 27.3         | 28.2         | 0.9                   |
| Operating Income | 0.6          | 0.2          | -0.4                  |

Sales figures of SHOKO remained at CO4, 2020 level and its profit increased, but profit from others including sales of building materials decreased.

### Showa Denko Materials

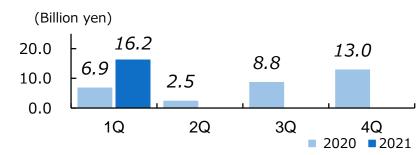
(Unit: Billions of Yen)

|                   | CQ4,<br>2020 | CQ1,<br>2021 | Increase/<br>decrease |
|-------------------|--------------|--------------|-----------------------|
| Sales             | 157.9        | 159.6        | 1.7                   |
| Operating Income  | -9.1         | 7.6          | 16.7                  |
| Operating Income* | 13.0         | 16.2         | 3.2                   |

Sales of semiconductor materials and automobilerelated products were firm against the backdrop of strong demand for semiconductors and steady recovery in automobile production

Profit increased due to strong sales and cost reduction

#### [Quarterly Operating Income\*]



<sup>\*1</sup>Q and 2Q, 2020: Adjusted operating income of former Hitachi Chemical Co., Ltd.

(for reference)
From 3Q, 2020: Amounts are excluding amortization of goodwill, etc. and expenses for step-up of inventories due to its consolidation from operating income of Showa Denko Materials segment.

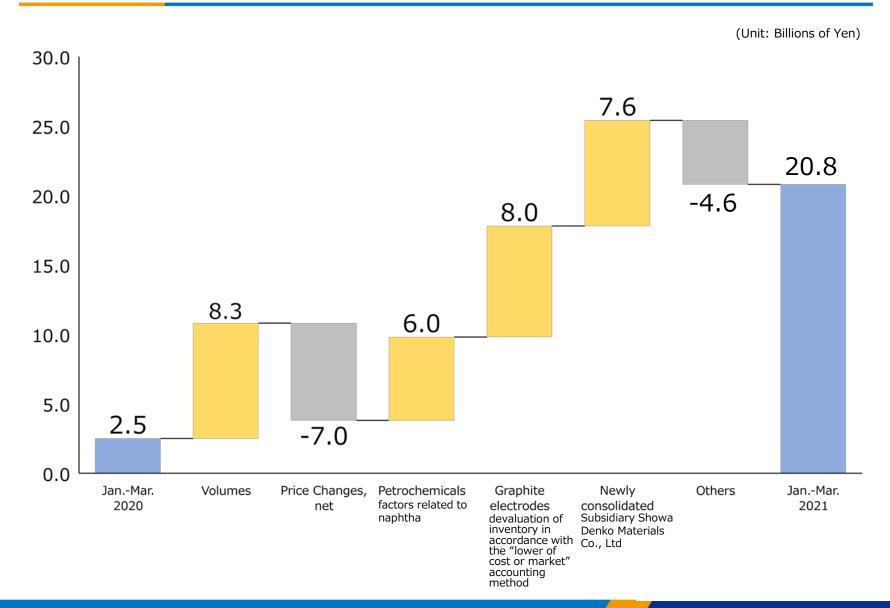
### Summary (CQ1, 2020 vs. CQ1, 2021)



| (Unit: Billions of Yen)  |                           |                 |                       |  |  |
|--|---------------------------|-----------------|-----------------------|--|--|
|  | CQ1, 2020                 | CQ1, 2021       | Increase/<br>decrease |  |  |
| Net sales  | 171.7                     | 339.7           | 167.9                 |  |  |
| Operating income   | 2.5                       | 20.8            | 18.3                  |  |  |
| Non-operating income and expenses, net                                     | 0.8                       | 4.3             | 3.5                   |  |  |
| Ordinary income  | 3.2                       | 25.1            | 21.9                  |  |  |
| Extraordinary profit/loss  | 0.2                       | -11.7           | -11.9                 |  |  |
| Income before income taxes   | 3.5                       | 13.4            | 9.9                   |  |  |
| Income taxes   | 0.3                       | -4.2            | -4.5                  |  |  |
| Net income   | 3.8                       | 9.2             | 5.4                   |  |  |
| Net income attributable to non-controlling interests                       | -1.1                      | -4.0            | -2.9                  |  |  |
| Net income attributable to owners of the parent                            | 2.7                       | 5.2             | 2.5                   |  |  |
| EBITDA   |                           |                 |                       |  |  |
| (Operating income + Depreciation expense + Amortization of goodwill, etc.) | 12.2                      | 50.0            | 37.8                  |  |  |
| EBITDA margin%   | 7.1%                      | 14.7%           | <b>7.6</b> p          |  |  |
| * Refer to page 16 for the breakdown of non-or                             | perating income and extra | ordinary income |                       |  |  |

## Operating Income Breakdown by Factor (CQ1, 2020 vs. CQ1, 2021)





## Summary of Consolidated Sales and Operating Income by Segment (CQ1, 2020 vs. CQ1, 2021)



(Unit: Billions of Yen)

|                  |       | CQ1, 2020    | CQ1, 2021 | Increase/ | decrease |
|------------------|-------|--------------|-----------|-----------|----------|
| Petrochemicals   | Sales | 55.0         | 57.8      | 2.7       | 5.0%     |
| retrocrienticals | O.I.* | -0.2         | 5.5       | 5.7       | -        |
| Chemicals        | Sales | 36.3         | 41.3      | 5.0       | 13.7%    |
| Chemicais        | O.I.  | 2.3          | 4.9       | 2.6       | 112.1%   |
| Electronics      | Sales | 23.6         | 21.7      | -1.9      | -8.1%    |
| Electionics      | O.I.  | 1.0          | 1.4       | 0.4       | 41.4%    |
| Inorganics       | Sales | 21.4         | 21.2      | -0.2      | -0.7%    |
| Inorganics       | O.I.  | 0.8          | 1.0       | 0.2       | 21.2%    |
| Aluminum         | Sales | 19.2         | 22.5      | 3.3       | 17.3%    |
| Aluminum         | O.I.  | 0.0          | 2.3       | 2.2       | -        |
| Showa Denko      | Sales | -            | 159.6     | 159.6     | -        |
| Materials        | O.I.  | <del>-</del> | 7.6       | 7.6       | -        |
| Others           | Sales | 28.6         | 28.2      | -0.4      | -1.5%    |
| Others           | O.I.  | 0.2          | 0.2       | -0.0      | -18.5%   |
| Adiustraanta     | Sales | -12.3        | -12.5     | -0.2      | -        |
| Adjustments      | O.I.  | -1.7         | -2.0      | -0.3      | -        |
| Total            | Sales | 171.7        | 339.7     | 167.9     | 97.8%    |
| Total            | O.I.  | 2.5          | 20.8      | 18.3      | 742.9%   |

(\*O.I: Operating income)

## Consolidated Sales and Operating Income by Segment (1) (CQ1, 2020 vs. CQ1, 2021)



#### Petrochemicals

(Unit: Billions of Yen)

|                  | CQ1,<br>2020 | CQ1,<br>2021 | Increase/<br>decrease |
|------------------|--------------|--------------|-----------------------|
| Sales            | 55.0         | 57.8         | 2.7                   |
| Operating Income | -0.2         | 5.5          | 5.7                   |

Olefins: sales and profit increased (demand recovery, market prices up due to a rise in prices of raw naphtha)

Organic Chemicals: sales and profit increased (vinyl acetate and ethyl acetate: shipment volumes up due to no SDM in CQ1,2021, market prices up)

### **Chemicals**

(Unit: Billions of Yen)

|                  | CQ1,<br>2020 | CQ1,<br>2021 | Increase/<br>decrease |
|------------------|--------------|--------------|-----------------------|
| Sales            | 36.3         | 41.3         | 5.0                   |
| Operating Income | 2.3          | 4.9          | 2.6                   |

Basic chemicals: sales maintained at the yearearlier level, profit increased (ammonia: sales and profit up due to shipment volumes up, AN: market prices up, chloroprene rubber: shipment volumes up)

Electronic chemicals: sales and profit increased (shipment volumes up due to a recovery of semiconductor industry)

Industrial gases: sales maintained at the yearearlier level, profit increased

Functional chemicals: sales and profit increased (shipment volumes up due to a recovery of demand for electronic parts and auto)

Coating materials: sales and profit increased (shipment volumes up due to a recovery of demand)

## Consolidated Sales and Operating Income by Segment (2) (CQ1, 2020 vs. CQ1, 2021)



### Electronics

(Unit: Billions of Yen)

|                  | CQ1,<br>2020 | CQ1,<br>2021 | Increase/<br>decrease |
|------------------|--------------|--------------|-----------------------|
| Sales            | 23.6         | 21.7         | -1.9                  |
| Operating Income | 1.0          | 1.4          | 0.4                   |

HDs: sales and profit decreased

(shipment volumes in total down: shipment volumes for data centers up but those for PCs down)

Compound semiconductors: sales and profit increased (shipment volumes up due to a recovery of demand)

LIB materials: sales and profit increased (shipment volumes of SPALF™ up)

SiC epitaxial wafers: sales slightly decreased, profit increased (shipment volumes for export down but volumes for domestic up)

### <u>Inorganics</u>

(Unit: Billions of Yen)

|                  | CQ1,<br>2020 | CQ1,<br>2021 | Increase/<br>decrease |
|------------------|--------------|--------------|-----------------------|
| Sales            | 21.4         | 21.2         | -0.2                  |
| Operating Income | 0.8          | 1.0          | 0.2                   |

Ceramics: sales and profit increased (shipment volumes of abrasives and volumes for electronics up due to demand recovery)

Graphite electrodes: sales slightly decreased, profit decreased (shipment volumes up due to a recovery of demand but market prices down)

## Consolidated Sales and Operating Income by Segment (3) (CQ1, 2020 vs. CQ1, 2021)



#### **Aluminum**

(Unit: Billions of Yen)

|                  | CQ1,<br>2020 | CQ1,<br>2021 | Increase/<br>decrease |
|------------------|--------------|--------------|-----------------------|
| Sales            | 19.2         | 22.5         | 3.3                   |
| Operating Income | 0.0          | 2.3          | 2.2                   |

Aluminum specialty components: sales slightly increased, profit increased (shipment volumes up due to a recovery of demand for FA industries, cost reduction)

High-purity foil for capacitors: sales and profit increased (shipment volumes up due to a recovery of demand in auto and FA/OA industries)

Aluminum cans: sales and profit increased (Vietnam: shipment volumes up due to start-up of new plant from 3Q, 2020, Japan: streamlined production lines)

### <u>Others</u>

(Unit: Billions of Yen)

|                  | CQ1,<br>2020 | CQ1,<br>2021 | Increase/<br>decrease |
|------------------|--------------|--------------|-----------------------|
| Sales            | 28.6         | 28.2         | -0.4                  |
| Operating Income | 0.2          | 0.2          | -0.0                  |

SHOKO: sales decreased (market prices down in metal ceramics business), profit decreased

### Showa Denko Materials

(Unit: Billions of Yen)

|                    | CQ1,<br>2020*1 | CQ1,<br>2021 | Increase/<br>decrease |
|--------------------|----------------|--------------|-----------------------|
| Sales              | 151.7          | 159.6        | 7.9                   |
| Operating Income   | _              | 7.6          | 7.6                   |
| Operating Income*2 | 6.9            | 16.2         | 9.3                   |

Sales of electronic materials, wiring board materials, and mobility components were firm against the backdrop of strong demand for semiconductors and the recovery of automobile production in China and other countries.

CQ1,2021 : Amounts are excluding amortization of goodwill, etc. due to its consolidation from operating income of Showa Denko Materials segment.

<sup>\*1</sup> Reference Value (Due to consolidation from July 2020)

<sup>\*2</sup> CQ1,2020 : Adjusted operating income of former Hitachi Chemical Co., Ltd. (for reference)

## Non-operating income/expenses, Extraordinary profit/loss



### Non-operating income/expenses

(Unit: Billions of Yen)

|  | CQ1, 2020 | CQ1, 2021 | Increase/<br>decrease | Main factors   |
|--|-----------|-----------|-----------------------|--|
| Interest/Dividends income and expenses | 0.1       | -2.1      | -2.2                  | Interest expenses increased  |
| Equity in earnings of affiliates       | 0.4       | 1.8       | 1.4                   | Equity method newly applied to affiliates of Showa Denko Materials |
| Foreign exchange gains                 | 0.6       | 4.6       | 4.1                   |  |
| Other                                  | -0.3      | -0.1      | 0.2                   |  |
| n-operating income and penses, net     | 0.8       | 4.3       | 3.5                   |  |

### Extraordinary profit/loss

|     |   | CQ1, 2020 | CQ1, 2021 | Increase/<br>decrease | Main factors          |
|-----|---|-----------|-----------|-----------------------|-----------------------|
|     | Gain on sales of investment securities            | 0.2       | 1.3       | 1.1                   |                       |
|     | Loss on sales and retirement of noncurrent assets | -0.8      | -0.6      | 0.3                   |                       |
|     | Environmental expenses                            | -         | -9.0      | -9.0                  | Aluminum Segment      |
|     | Business structuring expenses                     | -         | -2.7      | -2.7                  | Showa Denko Materials |
|     | Other   | 0.9       | -0.8      | -1.6                  |                       |
| Ext | raordinary Profit/Loss, net                       | 0.2       | -11.7     | -11.9                 |                       |

### Consolidated Balance Sheet



#### Consolidated Balance Sheet

(Unit: Billions of Yen)

| Assets                              | Dec. 31,<br>2020 | Mar. 31,<br>2021 | Increase/<br>decrease | Liabilities and net assets                                  | Dec. 31,<br>2020 | Mar. 31,<br>2021 | Increase/<br>decrease |
|-------------------------------------|------------------|------------------|-----------------------|---|------------------|------------------|-----------------------|
| Cash and deposits                   | 199.0            | 182.3            | -16.7                 | Notes and accounts payable                                  | 164.4            | 181.3            | 16.9                  |
| Notes and accounts receivable       | 271.6            | 294.1            | 22.4                  | Interest-bearing debt                                       | 1,060.1          | 1,056.3          | -3.9                  |
| Inventories                         | 190.2            | 209.4            | 19.2                  | Other liabilities   | 261.0            | 270.9            | 9.9                   |
| Other current assets                | 61.8             | 64.3             | 2.5                   | <u>Total liabilities</u>                                    | 1,485.5          | 1,508.4          | 22.9                  |
| Total current assets                | 722.6            | 750.1            | 27.5                  | Total shareholders' equity                                  | 372.7            | 368.4            | -4.3                  |
| Total tangible fixed assets         | 727.1            | 737.1            | 10.0                  | incl. Retained earnings                                     | 165.6            | 161.3            | -4.3                  |
| Goodwill                            | 359.2            | 354.7            | -4.5                  | Total accumulated other comprehensive income                | 33.3             | 56.7             | 23.4                  |
| Other intangible fixed assets       | 239.2            | 235.5            | -3.8                  | incl. Valuation difference on available-for-sale securities | 3.7              | 6.1              | 2.3                   |
| Total intangible fixed assets       | 598.4            | 590.2            | -8.3                  | incl. Foreign currency translation adjustment               | -0.5             | 19.5             | 20.0                  |
| <u>Investments and other assets</u> | 155.4            | 163.5            | 8.1                   | Non-controlling interests                                   | 312.1            | 307.4            | -4.7                  |
| Total fixed assets                  | 1,481.0          | 1,490.8          | 9.8                   | Total net assets  | 718.1            | 732.5            | 14.4                  |
| Total assets                        | 2,203.6          | 2,240.9          | 37.3                  | Total liabilities and net assets                            | 2,203.6          | 2,240.9          | 37.3                  |

### Major Indicators

| Adjusted net D/E ratio (Times) 1.84 1.80 -0. | 4p Equity ratio (%) | 18.4 | 19.0 | 0.5p |
|--|---------------------|------|------|------|
|--|---------------------|------|------|------|

Adjusted net D/E ratio : {(Loans payable+Commercial papers+Bonds payable+Lease liabilities) – Cash and deposits+ preferred stocks as equity capital ×50%} / (Total shareholders' equity+ preferred stocks as equity capital ×50%)

\*The assumption that we consider 50% of the total value of issued preferred stocks as equity capital is based on the credit rating given by Japan Credit Rating Agency, Ltd. on April 21, 2020.

### 2021 1st Half Forecast



|   | Earlier<br>forecast<br>(Announced on<br>Feb. 17, 2021) | Revised<br>forecast<br>(Announced on<br>May 10, 2021) | Increase/<br>decrease |
|---|--|---|-----------------------|
| Net sales                                       | 630.0  | 695.0   | 65.0                  |
| Operating income                                | 11.0   | 34.0  | 23.0                  |
| Non-operating income and expenses, net          | -5.0   | 1.0   | 6.0                   |
| Ordinary income                                 | 6.0  | 35.0  | 29.0                  |
| Extraordinary profit/loss                       | -10.0  | -12.0   | -2.0                  |
| Net income                                      | -9.0   | 17.0  | 26.0                  |
| Net income attributable to owners of the parent | -16.0  | 9.0   | 25.0                  |

|          | iic. Dillions of Terry |
|----------|------------------------|
| 2nd Half | Full-year<br>2021*     |
| 650.0    | 1,345.0                |
| 34.0     | 68.0                   |
| -5.0     | -4.0                   |
| 29.0     | 64.0                   |
| -10.0    | -22.0                  |
| 9.0      | 26.0                   |
| 2.0      | 11.0                   |

| <b>EBITDA</b> (Operating income + Depreciation expense + Amortization of goodwill, etc.) | 188.1 |
|--|-------|
| EBITDA margin  | 14.0% |

Net income attributable to ¥75.40 \*Regarding consolidated performance forecast for full-year owners of the parent per share Cash dividends per share ¥65

<sup>2021,</sup> we revised the forecast to reflect only the changes in the performance forecast for the first half of 2021.

## Summary of Sales and Operating Income by Segment, 2021 1<sup>st</sup> Half Forecast



|                      |       | Earlier<br>forecast<br>(Announced on<br>Feb. 17,2021) | Revised<br>forecast<br>(Announced on<br>May 10, 2021) | Increase/<br>decrease | 2nd Half | Full-year<br>2021*1 |
|----------------------|-------|---|---|-----------------------|----------|---------------------|
| Petro-               | Sales | 96.0  | 125.0   | 29.0                  | 100.0    | 225.0               |
| chemicals            | O.I.  | 4.5   | 9.0   | 4.5                   | 7.0      | 16.0                |
| Chemicals            | Sales | 79.0  | 84.0  | 5.0                   | 87.0     | 171.0               |
| Chemicais            | O.I.  | 6.5   | 9.0   | 2.5                   | 9.0      | 18.0                |
| Electronics          | Sales | 47.0  | 49.0  | 2.0                   | 63.0     | 112.0               |
|                      | O.I.  | 2.5   | 3.5   | 1.0                   | 10.0     | 13.5                |
| Inorganica           | Sales | 37.0  | 47.0  | 10.0                  | 40.0     | 87.0                |
| Inorganics           | O.I.  | 0.0   | 4.5   | 4.5                   | 3.0      | 7.5                 |
| Aluminum             | Sales | 42.0  | 51.0  | 9.0                   | 16.0     | 67.0                |
| Aluminum             | O.I.  | 2.5   | 5.0   | 2.5                   | 1.0      | 6.0                 |
| Showa                | Sales | 300.0   | 321.0   | 21.0                  | 310.0    | 631.0               |
| Denko<br>Materials*2 | O.I.  | 1.0   | 10.0  | 9.0                   | 9.0      | 19.0                |
|                      | 0.1.  | (18.2)  | (27.2)  |                       | (26.2)   | (53.4)              |
| Othors               | Sales | 53.0  | 36.0  | -17.0                 | 58.0     | 94.0                |
| Others               | O.I.  | 0.5   | 0.2   | -0.3                  | 0.5      | 0.7                 |
| Adjustments          | Sales | -24.0   | -18.0   | 6.0                   | -24.0    | -42.0               |
|                      | O.I.  | -6.5  | -7.2  | -0.7                  | -5.5     | -12.7               |
| Total                | Sales | 630.0   | 695.0   | 65.0                  | 650.0    | 1,345.0             |
| Total                | O.I.  | 11.0  | 34.0  | 23.0                  | 34.0     | 68.0                |

<sup>\*1:</sup>Regarding consolidated performance forecast for full-year 2021, we revised the forecast to reflect only the changes in the performance forecast for the first half of 2021. \*2: Amounts in parentheses are those excluding amortization of goodwill, etc. and are for reference

# (Reference) PPA Results and Amortization of Assets Pertaining to Showa Denko Materials Co., Ltd.

|           |  | Pecognized | Amortization | Amortization amount |                  |
|-----------|--|------------|--------------|---------------------|------------------|
|           |  | amount     | Period       | 2020<br>Results     | 2021<br>Forecast |
| Intangib  | le Fixed Assets  | 215.9      |              | 8.1                 | 16.1             |
|           | Customer related assets  | 154.9      | 20 years     | 3.9                 | 7.7              |
|           | Technology related assets  | 57.1       | 7 years      | 4.1                 | 8.2              |
|           | Other  | 3.9        | 20 years     | 0.1                 | 0.2              |
| Goodwill  |  | 365.1      | 20 years     | 9.1                 | 18.3             |
| Subtot    | tal (Operating expenses)   | 581.0      |              | 17.2                | 34.4             |
| Equity in | ents and other assets n earnings of affiliates nent securities) (Non-operating expenses) | 44.9       | 20 years     | 1.1                 | 2.2              |
|           | Total  | 625.9      |              | 18.3                | 36.6             |

<sup>\*</sup>PPA (Purchase Price Allocation) is an evaluation procedure, based on Accounting Standard for Business Combination, to distribute acquisition cost incurred during the process of M&A to the acquiring company's assets and liabilities

### **Topics**



| Segment                  | Topics  |
|--------------------------|---|
| Electronics              | Decided to increase capacity to produce aluminum platter for hard disks   |
| Inorganics               | Invested in AMI Automation (Graphite electrodes)  |
| Aluminum                 | Announcement of execution of master agreement regarding series of transactions to effect, among other matters, the succession of the aluminum can and aluminum rolling businesses, and result in certain consolidated subsidiary ceasing to be a consolidated subsidiary of SDK |
| Showa Denko<br>Materials | SDMC acquired 100% ownership of Hitachi Chemical Diagnostics System (Life sciences)   |
| Others                   | Concluded basic agreement regarding tender offer over subsidiary (SHOKO)  |

Financial statements: <a href="https://www.sdk.co.jp/english/ir/library/results.html">https://www.sdk.co.jp/english/ir/library/results.html</a>

News Releases: <a href="https://www.sdk.co.jp/english/news.html">https://www.sdk.co.jp/english/news.html</a>

https://www.mc.showadenko.com/news/english

<sup>\*</sup>Please refer to financial statements or each press releases for details.

#### **Note**

Performance forecast and other statements pertaining to the future as contained in this presentation are based on the information available as of today and assumptions as of today regarding risk factors that could affect our future performance. Actual results may differ materially from the forecast due to a variety of risk factors, including, but not limited to, the influence of the coronavirus disease 2019 (COVID-19) on the world economy, the economic conditions, costs of naphtha and other raw materials, demand for our products such as graphite electrodes and other commodities, market conditions, and foreign exchange rates. We undertake no obligation to update the forward-looking statements unless required by law.