



MITSUI KINZOKU

(Mitsui Mining & Smelting Co., Ltd. TSE5706)

FY2022 Q1 Results & FY 2022 Forecast

August 9, 2022

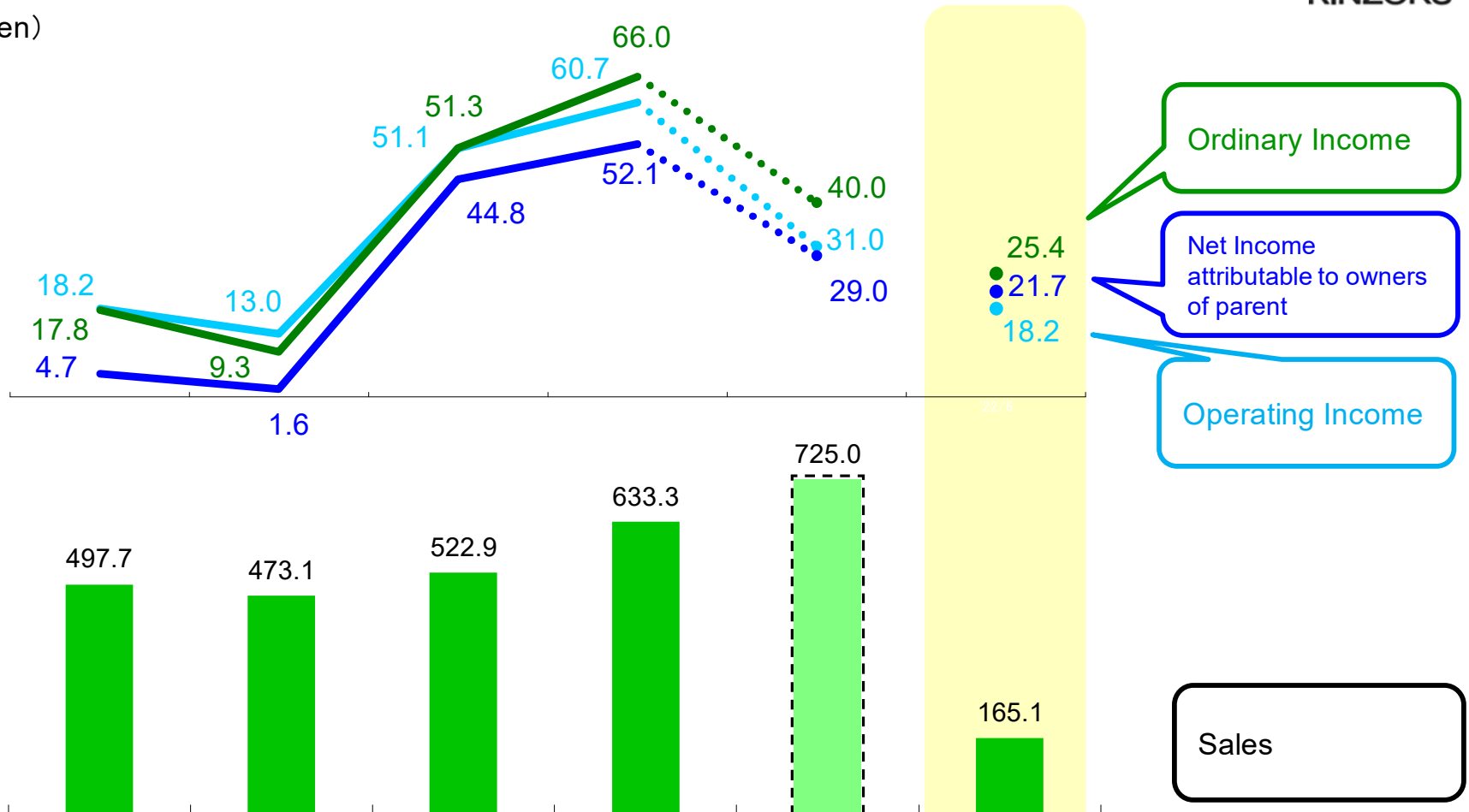
Results of FY2022 Q1

- FY2022 Q1 YoY: Sales increased due to increased sales volume of MicroThin™ and high zinc prices.
Operating income decreased due to energy cost increases and the PGM price difference on Catalysts, etc. However, ordinary income increased due to large foreign exchange gains, etc.
- As for the FY2022 forecast, operating income is expected to be lower than the May 11 forecast due to falling metal prices and energy cost increases, etc. However, ordinary income and net income are expected to be the same as the May 11 forecast due to foreign exchange gains, etc.

| (Unit: Billion yen) | Q1 Results | | | Forecast | | |
|---|-----------------|-----------------|-----------------------|-----------------------------|------------------------------|-----------------------|
| | 2022 Results | 2021 Results | Difference (22-21) | 2022 Forecast (Aug 9) | 2022 Forecast (May 11) | Difference |
| Net Sales | 165.1 | 147.0 | 18.0 <i>12.3%</i> | 725.0 | 725.0 | 0.0 <i>0.0%</i> |
| Operating Income | 18.2 | 20.1 | -1.8 <i>-9.2%</i> | 31.0 | 39.0 | -8.0 <i>-20.5%</i> |
| Ordinary Income | 25.4 | 21.2 | 4.2 <i>19.8%</i> | 40.0 | 40.0 | 0.0 <i>0.0%</i> |
| Net income attributable to owners of parent | 21.7 | 18.8 | 3.0 <i>15.8%</i> | 29.0 | 29.0 | 0.0 <i>0.0%</i> |

Sales and Earnings

(Unit: Billion yen)



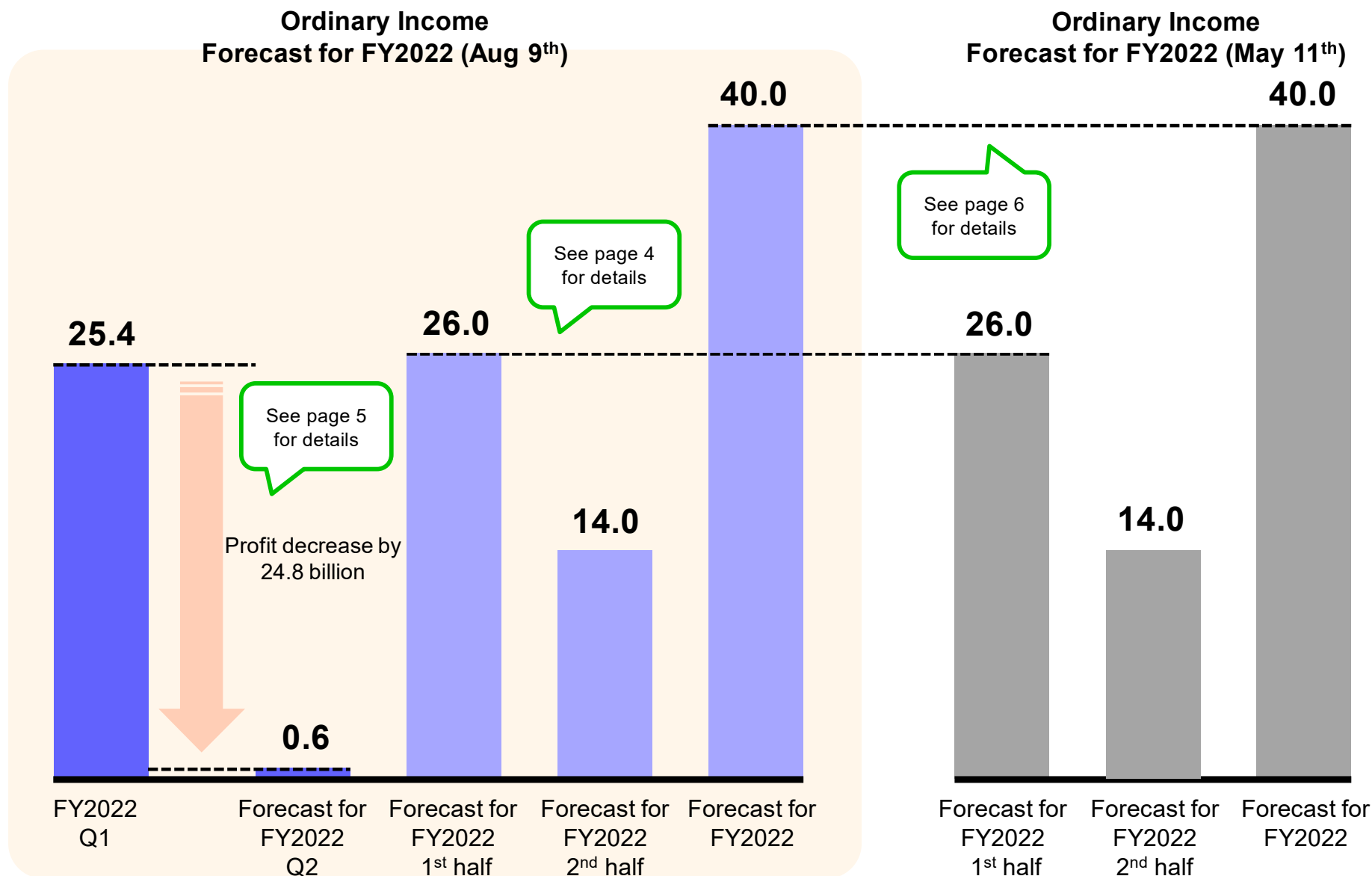
| | '19/3 | '20/3 | '21/3 | '22/3 | '23/3 Forecast | '22/6 |
|-----------------------|-------|-------|-------|-------|----------------|-------|
| Dividend per share | ¥70 | ¥70 | ¥85 | ¥110 | ¥140 | |
| Dividend payout ratio | 85% | 255% | 11% | 12% | 28% | |
| DOE | 2.5% | 2.5% | 2.5% | 2.6% | 3.0% | |

Forecast
as of Aug 9

FY2022 Ordinary Income Forecast

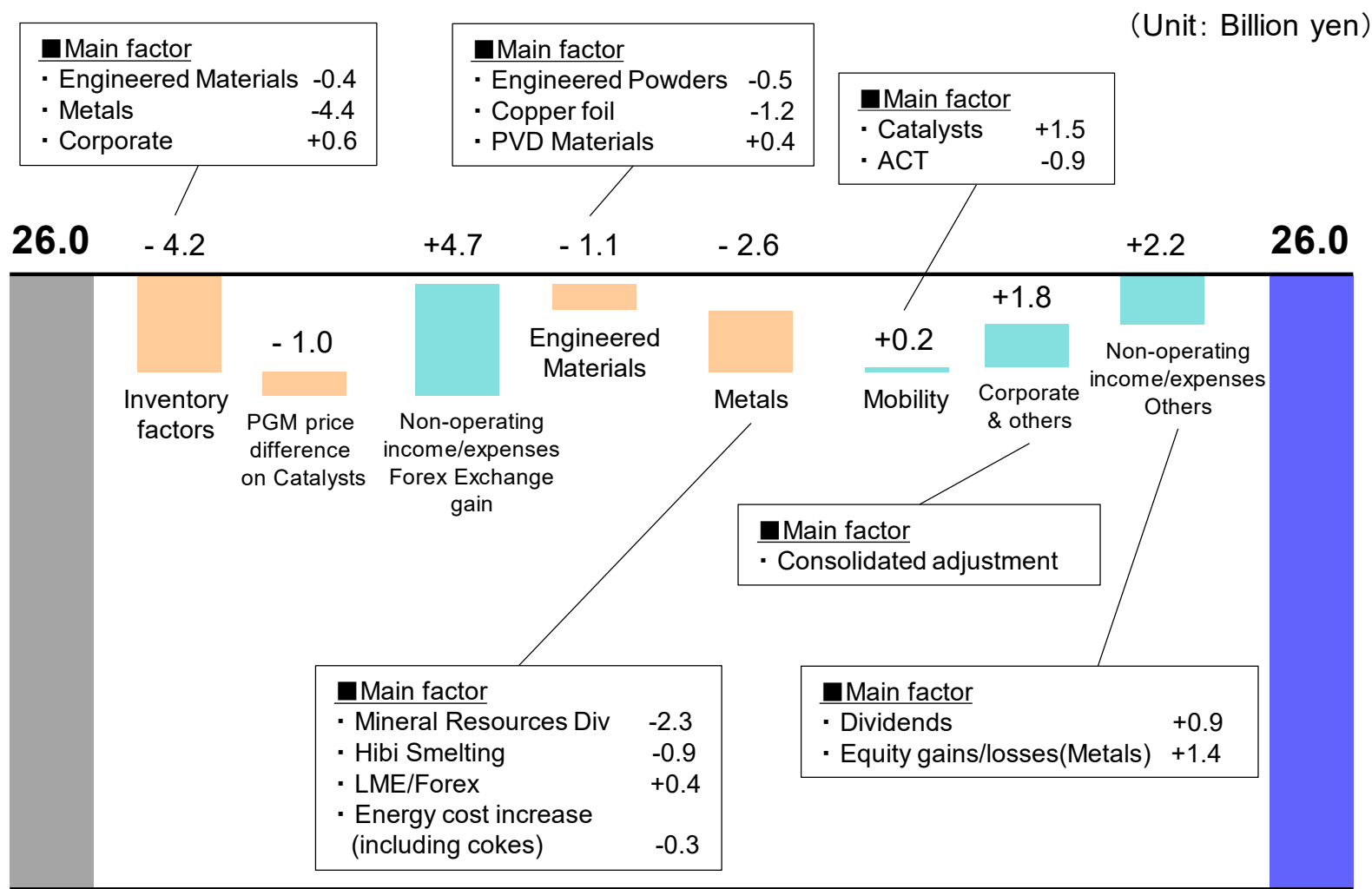
Ordinary income forecast for FY2022 1st half and FY2022 is same as forecast for FY2022 1st half and FY2022 announced on May 11th.

(Unit: Billion yen)



FY2022 1st half Ordinary Income Forecast

Ordinary income forecast for FY2022 1st half is 26.0 billion, the same amount as forecast for FY2022 1st half announced on May 11th.



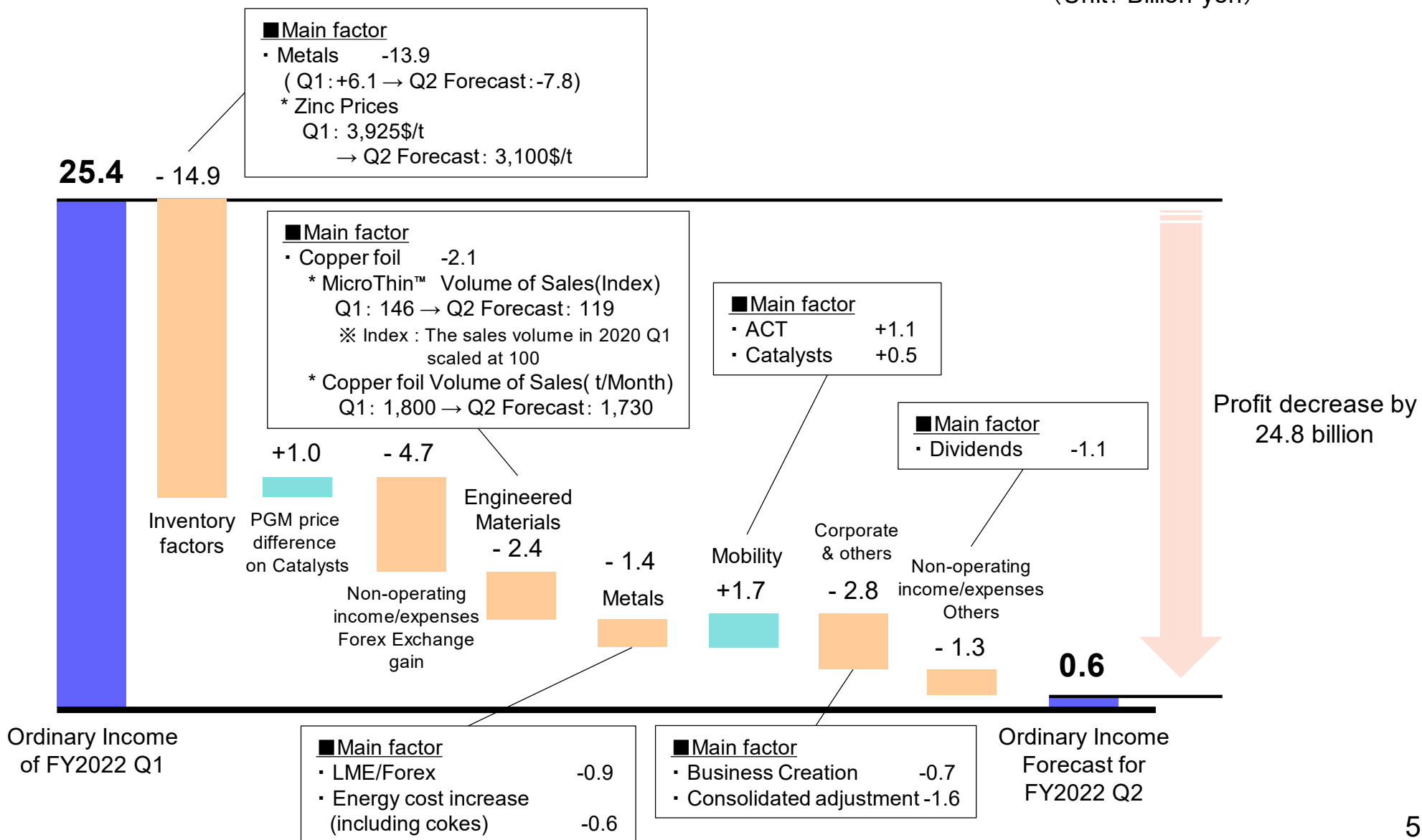
Ordinary Income
Forecast for
FY2022 1st half
on May 11th

Ordinary Income
Forecast for
FY2022 1st half
on Aug 9th

FY2022 Q2 Ordinary Income Forecast

Ordinary income forecast for FY2022 Q2 is 0.6 billion, by 24.8 billion less than FY2022 Q1.

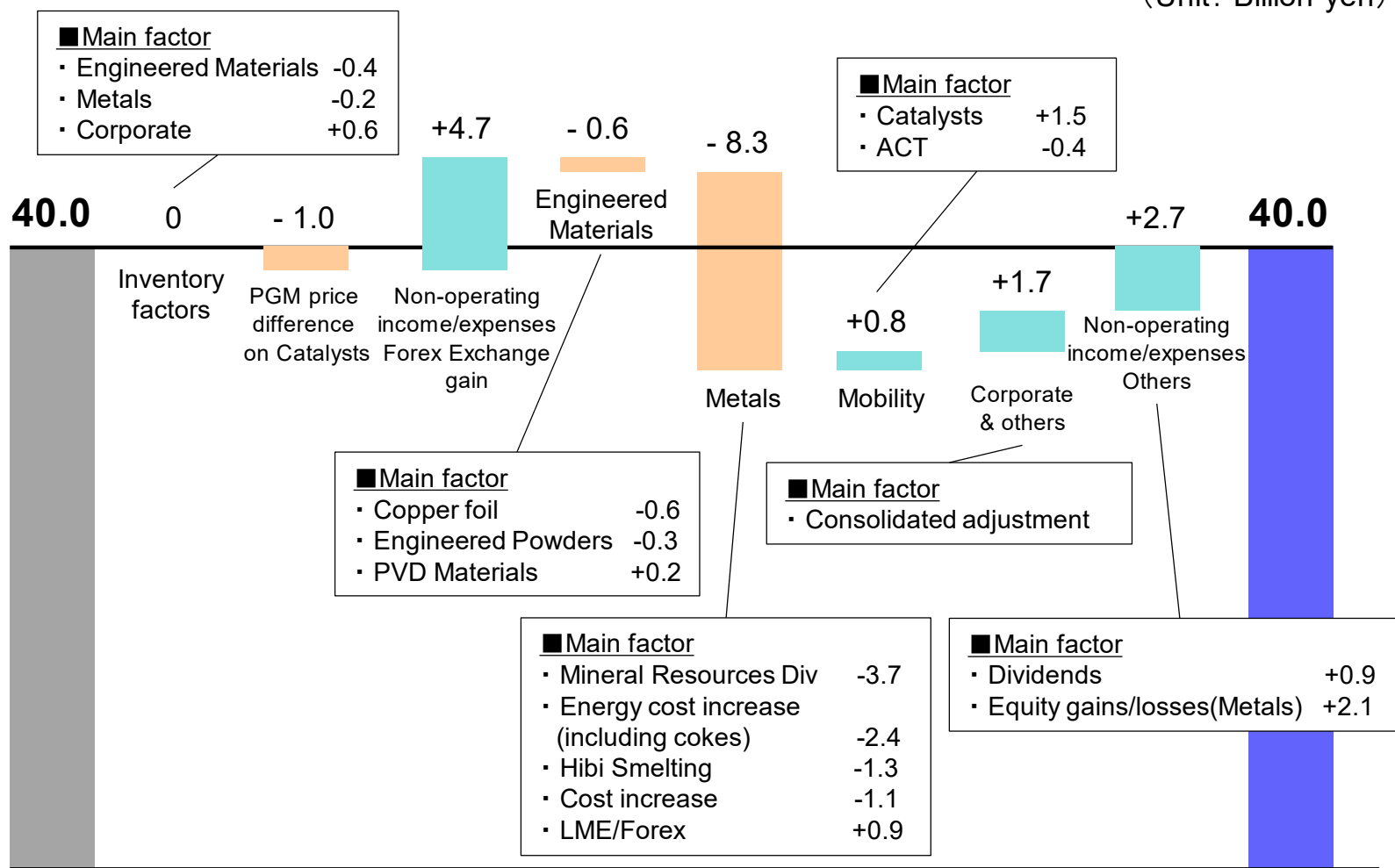
(Unit: Billion yen)



FY2022 Ordinary Income Forecast

Ordinary income forecast for FY2022 is 40.0 billion, the same amount as forecast for FY2022 announced on May 11th.

(Unit: Billion yen)



Ordinary Income
Forecast for
FY2022
on May 11th

Ordinary Income
Forecast for
FY2022
on Aug 9th

Statements of income



| (Unit : Billion yen) | Q1Results | | | 1st half | | | FY | | |
|--|-----------------|-----------------|-----------------------|------------------|-----------------|------------------------|------------------|-----------------|------------------------|
| | 2022 Results | 2021 Results | Difference (22-21) | 2022 Forecast | 2021 Results | Difference (22-21) | 2022 Forecast | 2021 Results | Difference (22-21) |
| Net Sales | 165.1 | 147.0 | 18.0 <i>12.3%</i> | 360.0 | 305.3 | 54.7 <i>17.9%</i> | 725.0 | 633.3 | 91.7 <i>14.5%</i> |
| Cost of sales | 130.9 | 112.0 | 18.9 <i>16.8%</i> | - | - | - | - | - | - |
| Gross Profit | 34.2 | 35.0 | -0.8 <i>-2.4%</i> | - | - | - | - | - | - |
| SG&A expenses | 15.9 | 14.9 | 1.0 <i>6.7%</i> | - | - | - | - | - | - |
| Operating Income | 18.2 | 20.1 | -1.8 <i>-9.2%</i> | 18.0 | 35.7 | -17.7 <i>-49.6%</i> | 31.0 | 60.7 | -29.7 <i>-49.0%</i> |
| Non-operating income/expenses -net | 7.2 | 1.2 | 6.1 | 8.0 | 1.9 | 6.1 | 9.0 | 5.3 | 3.7 |
| Ordinary Income | 25.4 | 21.2 | 4.2 <i>19.8%</i> | 26.0 | 37.6 | -11.6 <i>-30.8%</i> | 40.0 | 66.0 | -26.0 <i>-39.4%</i> |
| Extraordinary profit/losses-net | -0.1 | -0.0 | -0.1 | -1.1 | 0.9 | -2.0 | -2.7 | -1.5 | -1.2 |
| Net Income before income taxes | 25.3 | 21.2 | 4.1 <i>19.2%</i> | 24.9 | 38.5 | -13.6 <i>-35.3%</i> | 37.3 | 64.5 | -27.2 <i>-42.2%</i> |
| Income taxes & minority interests | 3.6 | 2.5 | 1.1 | 5.9 | 7.2 | -1.2 | 8.3 | 12.4 | -4.1 |
| Net income attributable to owners of parent | 21.7 | 18.8 | 3.0 <i>15.8%</i> | 19.0 | 31.3 | -12.3 <i>-39.4%</i> | 29.0 | 52.1 | -23.1 <i>-44.3%</i> |

Segment Information by Business Unit

| (Unit: Billion yen) | Q1 Results | | | 1st half | | | FY | | |
|--------------------------|-----------------|-----------------|-----------------------|------------------|-----------------|-----------------------|------------------|-----------------|-----------------------|
| | 2022 Results | 2021 Results | Difference (22-21) | 2022 Forecast | 2021 Results | Difference (22-21) | 2022 Forecast | 2021 Results | Difference (22-21) |
| ■ Sales | | | | | | | | | |
| Engineered Materials | 36.6 | 33.5 | 3.1 9.2% | 70.0 | 69.2 | 0.8 1.1% | 146.0 | 136.1 | 9.9 7.3% |
| Metals | 63.7 | 54.5 | 9.2 16.8% | 143.0 | 113.5 | 29.5 26.0% | 275.0 | 240.9 | 34.1 14.1% |
| Mobility | 49.8 | 50.7 | -0.8 -1.7% | 126.0 | 104.7 | 21.3 20.3% | 257.0 | 207.1 | 49.9 24.1% |
| Corporate | 30.2 | 23.7 | 6.5 27.5% | 55.0 | 51.7 | 3.3 6.4% | 117.0 | 118.7 | -1.7 -1.4% |
| Adjustment | -15.3 | -15.4 | 0.1 | -34.0 | -33.8 | -0.2 | -70.0 | -69.5 | -0.5 |
| Consolidated | 165.1 | 147.0 | 18.0 12.3% | 360.0 | 305.3 | 54.7 17.9% | 725.0 | 633.3 | 91.7 14.5% |
| ■ Ordinary Income | | | | | | | | | |
| Engineered Materials | 9.1 | 7.9 | 1.2 15.3% | 14.0 | 15.2 | -1.2 -7.7% | 27.0 | 30.0 | -3.0 -9.9% |
| Metals | 13.0 | 11.6 | 1.4 12.2% | 9.0 | 17.9 | -8.9 -49.7% | 10.0 | 36.3 | -26.3 -72.4% |
| Mobility | 2.2 | 4.6 | -2.4 -53.2% | 4.2 | 6.8 | -2.6 -38.3% | 7.5 | 2.4 | 5.1 207.9% |
| Corporate | 0.4 | 0.4 | -0.1 -16.2% | 0.0 | 1.4 | -1.4 -100.0% | 1.0 | 3.9 | -2.9 -74.1% |
| Business Creation | -1.5 | -1.4 | -0.1 | -3.6 | -2.8 | -0.8 | -8.2 | -5.8 | -2.4 |
| Adjustment | 2.3 | -1.9 | 4.2 | 2.4 | -0.9 | 3.3 | 2.7 | -0.7 | 3.5 |
| Consolidated | 25.4 | 21.2 | 4.2 19.8% | 26.0 | 37.6 | -11.6 -30.8% | 40.0 | 66.0 | -26.0 -39.4% |

Variance analysis of ordinary income

(Unit Billion yen)

| | Ordinary Income | | | Details | | | | | |
|----------------------|-----------------|-------------|------------|------------|------------|------------------|-------------|---------------------|------------|
| | 22Q1 | 21Q1 | Diff. | Volume | LME/Forex | Inventory Factor | Margin/Cost | Equity gain or loss | Total |
| Engineered materials | 9.1 | 7.9 | 1.2 | -0.0 | 1.7 | -0.1 | -0.4 | - | 1.2 |
| Metals | 13.0 | 11.6 | 1.4 | 0.3 | 3.2 | 2.6 | -5.6 | 0.9 | 1.4 |
| Mobility | 2.2 | 4.6 | -2.4 | -0.4 | -1.0 | - | -1.0 | - | -2.4 |
| Corporate | 0.4 | 0.4 | -0.1 | 0.2 | 0.2 | - | -0.3 | -0.1 | -0.1 |
| Business Creation | -1.5 | -1.4 | -0.1 | - | - | - | -0.1 | - | -0.1 |
| Adjustment | 2.3 | -1.9 | 4.1 | - | 1.4 | - | 2.7 | - | 4.1 |
| Total | 25.4 | 21.2 | 4.2 | 0.0 | 5.4 | 2.5 | -4.6 | 0.8 | 4.2 |

Non-operating income/expenses and Extraordinary gains/losses

(Unit : Billion yen)

| | Q1Results | | | 1st half | | | FY | | |
|--|-----------------|-----------------|-----------------------|------------------|-----------------|-----------------------|------------------|-----------------|-----------------------|
| | 2022 Results | 2021 Results | Difference (22-21) | 2022 Forecast | 2021 Results | Difference (22-21) | 2022 Forecast | 2021 Results | Difference (22-21) |
| Interest income - net | -0.4 | -0.4 | 0.0 | -0.9 | -0.9 | 0.1 | -1.8 | -1.7 | -0.0 |
| Dividend income - net | 1.1 | 0.9 | 0.3 | 1.1 | 0.9 | 0.2 | 1.2 | 1.1 | 0.1 |
| Equity in gains/losses | 1.8 | 0.9 | 0.9 | 2.9 | 1.9 | 1.0 | 4.5 | 4.5 | -0.0 |
| Forex Exchange gain or loss | 4.7 | -0.1 | 4.8 | 4.7 | 0.2 | 4.5 | 4.7 | 2.1 | 2.6 |
| Others | 0.1 | -0.1 | 0.1 | 0.2 | -0.2 | 0.3 | 0.4 | -0.7 | 1.1 |
| Non-operating income/expenses - net | 7.2 | 1.2 | 6.1 | 8.0 | 1.9 | 6.1 | 9.0 | 5.3 | 3.7 |
| Loss on sale & disposal of Fixed Asset | -0.2 | -0.2 | -0.0 | -0.8 | -0.7 | -0.1 | -1.9 | -2.3 | 0.4 |
| PL on Sale of Investment Securities | 0.0 | 0.2 | -0.2 | 0.0 | 0.9 | -0.9 | 0.0 | 0.9 | -0.9 |
| Disaster losses | 0.0 | -0.0 | 0.0 | 0.0 | -0.1 | 0.1 | 0.0 | -0.1 | 0.1 |
| Insurance Proceeds | 0.0 | 0.1 | -0.1 | 0.0 | 0.1 | -0.1 | 0.0 | 0.1 | -0.1 |
| Others | 0.0 | -0.2 | 0.2 | -0.3 | 0.6 | -0.9 | -0.8 | -0.0 | -0.8 |
| Extraordinary profit/losses - net | -0.1 | -0.0 | -0.1 | -1.1 | 0.9 | -2.0 | -2.7 | -1.5 | -1.2 |

Equity gains or losses



(Unit : Billion yen)

| | 2021 | | | | | | | 2022 Forecast (Aug 9) | | | | | 2021 Forecast (May 11) | | |
|----------------------|------|-----|----------|-----|-----|----------|---------|-----------------------|--------------|--------------------|--------------------|------------------|------------------------|----------|---------|
| | Q1 | Q2 | 1st Half | Q3 | Q4 | 2nd Half | FY 2021 | Q1 | Q2 Fore cast | 1st Half Fore cast | 2nd Half Fore cast | FY Forecast 2022 | 1st Half | 2nd Half | FY 2022 |
| Engineered Materials | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Metals | 0.3 | 0.3 | 0.6 | 0.6 | 1.0 | 1.6 | 2.2 | 1.3 | 0.8 | 2.1 | 1.3 | 3.3 | 0.7 | 0.5 | 1.2 |
| Mobility | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Corporate | 0.6 | 0.7 | 1.2 | 0.6 | 0.5 | 1.1 | 2.3 | 0.5 | 0.3 | 0.8 | 0.3 | 1.2 | 0.3 | 0.7 | 1.0 |
| Total | 0.9 | 1.0 | 1.9 | 1.2 | 1.5 | 2.7 | 4.5 | 1.8 | 1.1 | 2.9 | 1.6 | 4.5 | 1.0 | 1.2 | 2.2 |

Trends of products



| | | | 2020 | | | | | 2021 | | | | | 2022 Forecast (Aug 9) | | | | | 2022 Forecast (May 11) | | |
|--------------------------|----------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------------|-------------|-------------------|-------------------|---------------|------------------------|----------|-------|
| | | | Q1 | Q2 | Q3 | Q4 | Year | Q1 | Q2 | Q3 | Q4 | Year | Q1 | Q2 Forecast | 1st Half Forecast | 2nd Half Forecast | Year Forecast | 1st Half | 2nd Half | Year |
| MH alloy | Volume of Sales | Index | 100 | 134 | 137 | 146 | 129 | 90 | 123 | 157 | 126 | 124 | 110 | 142 | 126 | 164 | 145 | 155 | 167 | 161 |
| Copper foil | Volume of Sales | t /Month | 1,860 | 1,960 | 1,780 | 2,460 | 2,010 | 2,260 | 2,180 | 2,160 | 1,760 | 2,090 | 1,800 | 1,730 | 1,760 | 2,060 | 1,910 | 2,210 | 2,180 | 2,200 |
| MicroThin™ Total (a+b) | Volume of Sales | Index | 100 | 108 | 105 | 95 | 102 | 132 | 138 | 120 | 131 | 130 | 146 | 119 | 132 | 142 | 137 | 149 | 146 | 147 |
| MicroThin™ for HDI (a) | Volume of Sales | | 14 | 34 | 28 | 9 | 22 | 24 | 41 | 23 | 28 | 29 | 27 | 30 | 28 | 28 | 28 | 25 | 30 | 28 |
| MicroThin™ for PKG (b) | Volume of Sales | | 86 | 74 | 77 | 86 | 80 | 108 | 97 | 97 | 103 | 101 | 119 | 89 | 104 | 114 | 109 | 124 | 116 | 119 |
| ITO Target | Volume of Sales | Index | 100 | 88 | 103 | 92 | 96 | 96 | 92 | 90 | 80 | 89 | 69 | 62 | 66 | 64 | 65 | 78 | 71 | 74 |
| Zinc | Volume of Production | k-t | 43 | 56 | 58 | 58 | 215 | 56 | 51 | 52 | 59 | 218 | 55 | 58 | 113 | 111 | 223 | 113 | 111 | 224 |
| Catalysts for motorcycle | Volume of Sales | Index | 100 | 262 | 262 | 248 | 218 | 192 | 225 | 234 | 226 | 219 | 228 | 296 | 262 | 237 | 250 | 244 | 237 | 241 |
| India | Volume of Sales | Index | (100) | (436) | (405) | (354) | (324) | (223) | (321) | (289) | (293) | (281) | (320) | (417) | (368) | (352) | (360) | (363) | (352) | (358) |
| Indonesia | Volume of Sales | Index | (100) | (179) | (165) | (247) | (173) | (226) | (237) | (267) | (275) | (252) | (164) | (336) | (250) | (258) | (254) | (258) | (258) | (258) |
| Others | Volume of Sales | Index | (100) | (139) | (167) | (161) | (142) | (159) | (143) | (182) | (160) | (161) | (167) | (187) | (177) | (138) | (158) | (142) | (138) | (140) |
| Catalysts for automobile | Volume of Sales | Index | 100 | 200 | 212 | 191 | 176 | 183 | 181 | 195 | 196 | 189 | 157 | 246 | 202 | 227 | 214 | 211 | 227 | 219 |
| Side door Latches | Volume of Sales | Index | 100 | 165 | 188 | 168 | 155 | 151 | 137 | 164 | 164 | 154 | 143 | 176 | 160 | 184 | 172 | 168 | 176 | 172 |
| Japan | Volume of Sales | Index | (100) | (167) | (189) | (169) | (156) | (141) | (128) | (151) | (153) | (143) | (136) | (185) | (161) | (184) | (172) | (169) | (184) | (177) |
| China | Volume of Sales | Index | (100) | (108) | (126) | (98) | (108) | (96) | (89) | (110) | (101) | (99) | (77) | (108) | (92) | (99) | (96) | (104) | (113) | (108) |
| Other Asia | Volume of Sales | Index | (100) | (271) | (364) | (357) | (273) | (309) | (307) | (370) | (393) | (345) | (344) | (391) | (368) | (434) | (401) | (347) | (357) | (352) |
| America & Europe | Volume of Sales | Index | (100) | (300) | (312) | (308) | (255) | (279) | (235) | (273) | (289) | (269) | (283) | (285) | (284) | (355) | (320) | (292) | (287) | (290) |

※ Index : The sales volume in 2020 Q1 scaled at 100 (except Copper Foil and Zinc)

Inventory Factors and PGM price difference on Catalysts

■ Inventory Factors

(Unit : Billion yen)

| | 2021 | | | | | | | 2022 Forecast (Aug 9) | | | | | 2022 Forecast (May 11) | | |
|----------------------|------|-----|----------|-----|-----|----------|---------|-----------------------|-------------|-------------------|-------------------|------------------|------------------------|----------|---------|
| | Q1 | Q2 | 1st Half | Q3 | Q4 | 2nd Half | FY 2021 | Q1 | Q2 Forecast | 1st Half Forecast | 2nd Half Forecast | FY Forecast 2022 | 1st Half | 2nd Half | FY 2022 |
| Engineered materials | 0.5 | 0.2 | 0.7 | 1.1 | 0.2 | 1.3 | 2.0 | 0.4 | -0.2 | 0.2 | - | 0.2 | 0.6 | - | 0.6 |
| Metals | 3.5 | 1.2 | 4.7 | 3.1 | 3.2 | 6.3 | 11.0 | 6.1 | -7.8 | -1.7 | -0.5 | -2.2 | 2.7 | -4.7 | -2.0 |
| Mobility | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Corporate | 0.6 | 0.3 | 0.9 | 0.3 | 0.2 | 0.5 | 1.4 | 0.5 | 0.1 | 0.6 | - | 0.6 | - | - | - |
| Consolidated | 4.6 | 1.7 | 6.3 | 4.5 | 3.6 | 8.1 | 14.4 | 7.0 | -7.9 | -0.9 | -0.5 | -1.4 | 3.3 | -4.7 | -1.4 |

■ PGM price difference on Catalysts

| | | | | | | | | | | | | | | | |
|----------|-----|-----|-----|------|------|-------|------|------|---|------|---|------|---|---|---|
| Mobility | 2.9 | 1.1 | 4.0 | -8.8 | -1.2 | -10.0 | -6.0 | -1.0 | - | -1.0 | - | -1.0 | - | - | - |
|----------|-----|-----|-----|------|------|-------|------|------|---|------|---|------|---|---|---|

■ Inventory Factors + PGM price difference on Catalysts





| | | | | | | | | | | | | | | | |
|----------------------|-----|-----|------|------|------|-------|------|------|------|------|------|------|-----|------|------|
| Engineered materials | 0.5 | 0.2 | 0.7 | 1.1 | 0.2 | 1.3 | 2.0 | 0.4 | -0.2 | 0.2 | - | 0.2 | 0.6 | - | 0.6 |
| Metals | 3.5 | 1.2 | 4.7 | 3.1 | 3.2 | 6.3 | 11.0 | 6.1 | -7.8 | -1.7 | -0.5 | -2.2 | 2.7 | -4.7 | -2.0 |
| Mobility | 2.9 | 1.1 | 4.0 | -8.8 | -1.2 | -10.0 | -6.0 | -1.0 | - | -1.0 | - | -1.0 | - | - | - |
| Corporate | 0.6 | 0.3 | 0.9 | 0.3 | 0.2 | 0.5 | 1.4 | 0.5 | 0.1 | 0.6 | - | 0.6 | - | - | - |
| Consolidated | 7.5 | 2.8 | 10.3 | -4.3 | 2.4 | -1.9 | 8.4 | 6.0 | -7.9 | -1.9 | -0.5 | -2.4 | 3.3 | -4.7 | -1.4 |

Performance by Segment – Engineered Materials

(Unit : Billion yen)

| | 22/Q1 Results | 21/Q1 Results | Diff. (22-21) | 22/1H Forecast | 21/1H Results | Diff. (22-21) | FY2022 Forecast | FY2021 Results | Diff. (22-21) |
|--------------------|------------------|------------------|------------------|-------------------|------------------|------------------|--------------------|-------------------|------------------|
| ■ Sales | 36.6 | 33.5 | 3.1 | 70.0 | 69.2 | 0.8 | 146.0 | 136.1 | 9.9 |
| ■ Operating income | 8.0 | 8.0 | -0.0 | 13.0 | 15.2 | -2.2 | 26.0 | 29.4 | -3.4 |
| ■ Ordinary income | 9.1 | 7.9 | 1.2 | 14.0 | 15.2 | -1.2 | 27.0 | 30.0 | -3.0 |
| ※ Ordinary income | 8.7 | 7.4 | 1.3 | 13.8 | 14.5 | -0.7 | 26.8 | 28.0 | -1.2 |

※ Ordinary income : Ordinary income excluding inventory factors.

| (Engineered Material Products) | | (Main Applications) |
|--------------------------------------|---|--|
| Battery Materials |  | <ul style="list-style-type: none"> • Nickel-hydrogen batteries for hybrid cars • Lithium-ion batteries |
| Engineered Powders |  | <ul style="list-style-type: none"> • Wide range of electronic components • Abrasive for glass |
| Copper Foil |  | <ul style="list-style-type: none"> • High-Density Packaging • Printed circuit board |
| PVD Materials (Sputtering target) |  | <ul style="list-style-type: none"> • Flat panel displays |

Difference Analysis of Ordinary income

['FY2021 1st Half → 'FY2022 1st Half Forecast - 1.2]

Engineered Powders -1.0
(Volume of sales decrease, Raw material prices increase, others)
Copper foil -0.9
(Electro-deposited Copper foil volume of sales decreases, others)
Battery Materials +0.5
(Volume of sales increase, others)

['FY2021 → 'FY2022 Forecast - 3.0]

PVD Materials -1.6
(Inventory factors, others)
Engineered Powders -1.4
(Raw material prices increase, others)
Copper foil -0.5
(Electricity and other cost increase, others)
Battery Materials +0.5
(Volume of sales increase, others)

Performance by Segment – Metals

(Unit: Billion yen)

| | 22/Q1 Results | 21/Q1 Results | Diff. (22-21) | 22/1H Forecast | 21/1H Results | Diff. (22-21) | FY2022 Forecast | FY2021 Results | Diff. (22-21) |
|--------------------|------------------|------------------|------------------|-------------------|------------------|------------------|--------------------|-------------------|------------------|
| ■ Sales | 63.7 | 54.5 | 9.2 | 143.0 | 113.5 | 29.5 | 275.0 | 240.9 | 34.1 |
| ■ Operating income | 10.7 | 10.9 | -0.2 | 6.0 | 17.0 | -11.0 | 5.5 | 34.2 | -28.7 |
| ■ Ordinary income | 13.0 | 11.6 | 1.4 | 9.0 | 17.9 | -8.9 | 10.0 | 36.3 | -26.3 |
| ※ Ordinary income | 6.9 | 8.1 | -1.2 | 10.7 | 13.2 | -2.5 | 12.2 | 25.3 | -13.1 |

※ Ordinary income : Ordinary income excluding inventory factors.

Ordinary Income Difference Analysis

| | FY2021 1H→ FY2022 1H Forecast | FY2021→ FY2022 Forecast |
|--------------------|-------------------------------------|-------------------------------|
| LME/Forex | 5.1 | 6.6 |
| T/C | 0.5 | 1.4 |
| Inventory Factors | -6.4 | -13.2 |
| Equity profit/loss | 1.4 | 1.1 |
| Cokes | -3.2 | -4.0 |
| Dividends | 0.1 | 0.1 |
| Others※ | -6.4 | -18.3 |
| Total | -8.9 | -26.3 |

Sensitivity to ordinary income(for FY2022)

(Unit: Billion yen)

| | | Full open basis | Including forward contract |
|--------------|----------|-----------------|----------------------------|
| Zinc | ±100\$/t | 1.3 | 0.9 |
| Lead | ±100\$/t | 0.4 | 0.4 |
| US\$(yen/\$) | ±1yen/\$ | 0.6 | 0.4 |

Zinc TC

| FY2020 | FY2021 | FY2022 Forecast |
|-------------|----------|--------------------|
| 299.75 \$/t | 159 \$/t | 230 \$/t |

※Detail of Others

| | |
|-------------------------------------|--|
| FY2021 1H→ FY2022 1H Forecast | Energy cost increase -3.5, Mineral Resources Division -0.7, PGM recycling -0.7, Cost increase -1.4 |
| FY2021→ FY2022 Forecast | Energy cost increase -9.3, PGM recycling -1.4, Large scale maintenance for copper smelting -2.5, Mineral Resources Division -1.2, Cost increase -2.6 |

Performance by Segment – Mobility

(Unit : Billion yen)

| | 22/Q1 Results | 21/Q1 Results | Diff. (22-21) | 22/1H Forecast | 21/1H Results | Diff. (22-21) | FY2022 Forecast | FY2021 Results | Diff. (22-21) |
|----------------------|------------------|------------------|------------------|-------------------|------------------|------------------|--------------------|-------------------|------------------|
| ■ Sales | 49.8 | 50.7 | -0.8 | 126.0 | 104.7 | 21.3 | 257.0 | 207.1 | 49.9 |
| (Mitsui Kinzoku ACT) | (18.8) | (19.8) | (-1.0) | (41.8) | (37.8) | (4.0) | (90.4) | (78.8) | (11.6) |
| ■ Operating income | -0.5 | 4.5 | -5.0 | 1.7 | 6.8 | -5.1 | 5.5 | 1.5 | 4.0 |
| (Mitsui Kinzoku ACT) | (-1.1) | (0.3) | (-1.5) | (-1.1) | (0.0) | (-1.1) | (-0.5) | (-0.3) | (-0.2) |
| ■ Ordinary income | 2.2 | 4.6 | -2.4 | 4.2 | 6.8 | -2.6 | 7.5 | 2.4 | 5.1 |
| (Mitsui Kinzoku ACT) | (-0.5) | (0.8) | (-1.3) | (-0.5) | (0.6) | (-1.1) | (0.0) | (0.5) | (-0.5) |
| ※ Ordinary income | 3.2 | 1.7 | 1.5 | 5.2 | 2.8 | 2.4 | 8.5 | 8.4 | 0.1 |

※ Ordinary income : Ordinary income excluding PGM price difference on Catalysts.

Difference Analysis of Ordinary income

[' FY2021 1st Half → ' FY2022 1st Half Forecast - 2.6]

Catalysts -1.7 (Precious metal price difference, others)
 ACT -1.1 (Rising steel material prices, others)
 Die-Casting +0.5 (Improved yield, others)




[' FY2021 → ' FY2022 Forecast + 5.1]

Catalysts +5.3 (Precious metal price difference, others)
 Die-Casting +1.1 (Improved yield, others)
 ACT -0.5 (Rising steel material prices, others)

ACT : Difference Analysis of Ordinary income

| | FY2021 1H→ FY2022 1H Forecast | FY2021→ FY2022 Forecast |
|--------------|-------------------------------------|-------------------------------|
| Sales Volume | -0.1 | 0.9 |
| Cost down | 0.0 | 0.3 |
| Others※ | -1.0 | -1.7 |
| Total | -1.1 | -0.5 |

| | FY2021 1H→ FY2022 1H Forecast | FY2021→ FY2022 Forecast |
|--|-------------------------------------|-------------------------------|
| ※Detail of Others | | |
| Rising steel material and resin prices | -0.8 | -0.9 |
| Freight Charge | -0.2 | -0.3 |

| (Mobility Sector) | (Main Applications) |
|----------------------------|--|
| Catalysts |  <ul style="list-style-type: none"> • Motorcycles • Automobiles |
| Mitsui Kinzoku ACT |  <ul style="list-style-type: none"> • Door locks for automobiles |
| Mitsui Kinzoku Die-Casting |  <ul style="list-style-type: none"> • Die-Casting products |
| Other Affiliated companies | <ul style="list-style-type: none"> • Die-Casting products • Powder metallurgy products |

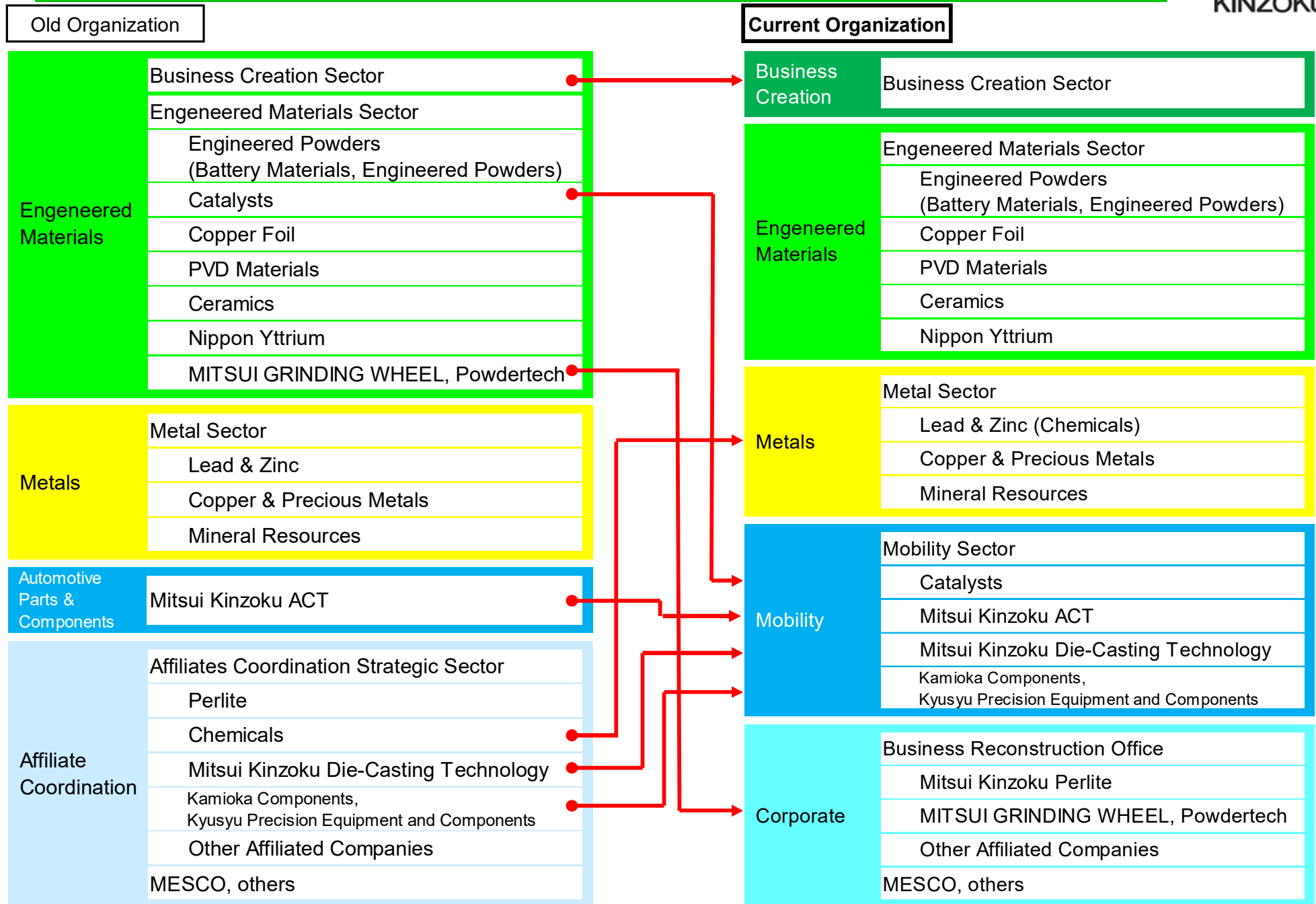
Metal Prices and FOREX



| | 2021 | | | | | | | 2022 Forecast (Aug 9) | | | | | 2022 Forecast (May 11) | | |
|------------------------------|--------|--------|----------|--------|--------|----------|---------|-----------------------|-------------|-------------------|-------------------|------------------|------------------------|----------|---------|
| | Q1 | Q2 | 1st Half | Q3 | Q4 | 2nd Half | FY 2021 | Q1 | Q2 Forecast | 1st Half Forecast | 2nd Half Forecast | FY Forecast 2022 | 1st Half | 2nd Half | FY 2022 |
| Zinc (\$ / t) | 2,916 | 2,991 | 2,954 | 3,365 | 3,743 | 3,554 | 3,254 | 3,925 | 3,100 | 3,512 | 3,100 | 3,306 | 3,900 | 3,500 | 3,700 |
| Zinc (Actual) (\$ / t) | 2,845 | 2,893 | 2,869 | 3,147 | 3,394 | 3,271 | 3,077 | 3,584 | 3,059 | 3,321 | 3,056 | 3,187 | 3,568 | 3,315 | 3,439 |
| Lead (\$ / t) | 2,127 | 2,341 | 2,234 | 2,331 | 2,334 | 2,332 | 2,283 | 2,203 | 2,000 | 2,102 | 2,000 | 2,051 | 2,300 | 2,300 | 2,300 |
| Copper (¢ / lb) | 440 | 425 | 433 | 440 | 453 | 446 | 440 | 432 | 350 | 391 | 350 | 371 | 426 | 426 | 426 |
| Indium (\$ / Kg) | 217 | 239 | 228 | 288 | 286 | 287 | 258 | 268 | 261 | 265 | 270 | 267 | 270 | 270 | 270 |
| Palladium (\$ / oz) | 2,788 | 2,470 | 2,629 | 1,941 | 2,329 | 2,135 | 2,382 | 2,088 | 2,100 | 2,094 | 2,100 | 2,097 | 2,300 | 2,300 | 2,300 |
| Rhodium (\$ / oz) | 25,781 | 17,282 | 21,531 | 14,037 | 18,061 | 16,049 | 18,790 | 16,247 | 15,000 | 15,624 | 15,000 | 15,312 | 17,500 | 17,500 | 17,500 |
| Yen/US\$ (yen / \$) | 109.5 | 110.1 | 109.8 | 113.7 | 116.2 | 115.0 | 112.4 | 129.6 | 135.0 | 132.3 | 135.0 | 133.6 | 120.0 | 120.0 | 120.0 |
| Yen/US\$ (Actual) (yen / \$) | 109.6 | 110.2 | 109.9 | 112.8 | 114.6 | 113.7 | 111.8 | 125.0 | 129.2 | 127.1 | 129.1 | 128.1 | 117.8 | 117.7 | 117.7 |

Appendix

Changes of Company Organization(From April 2022)



Financial Performance

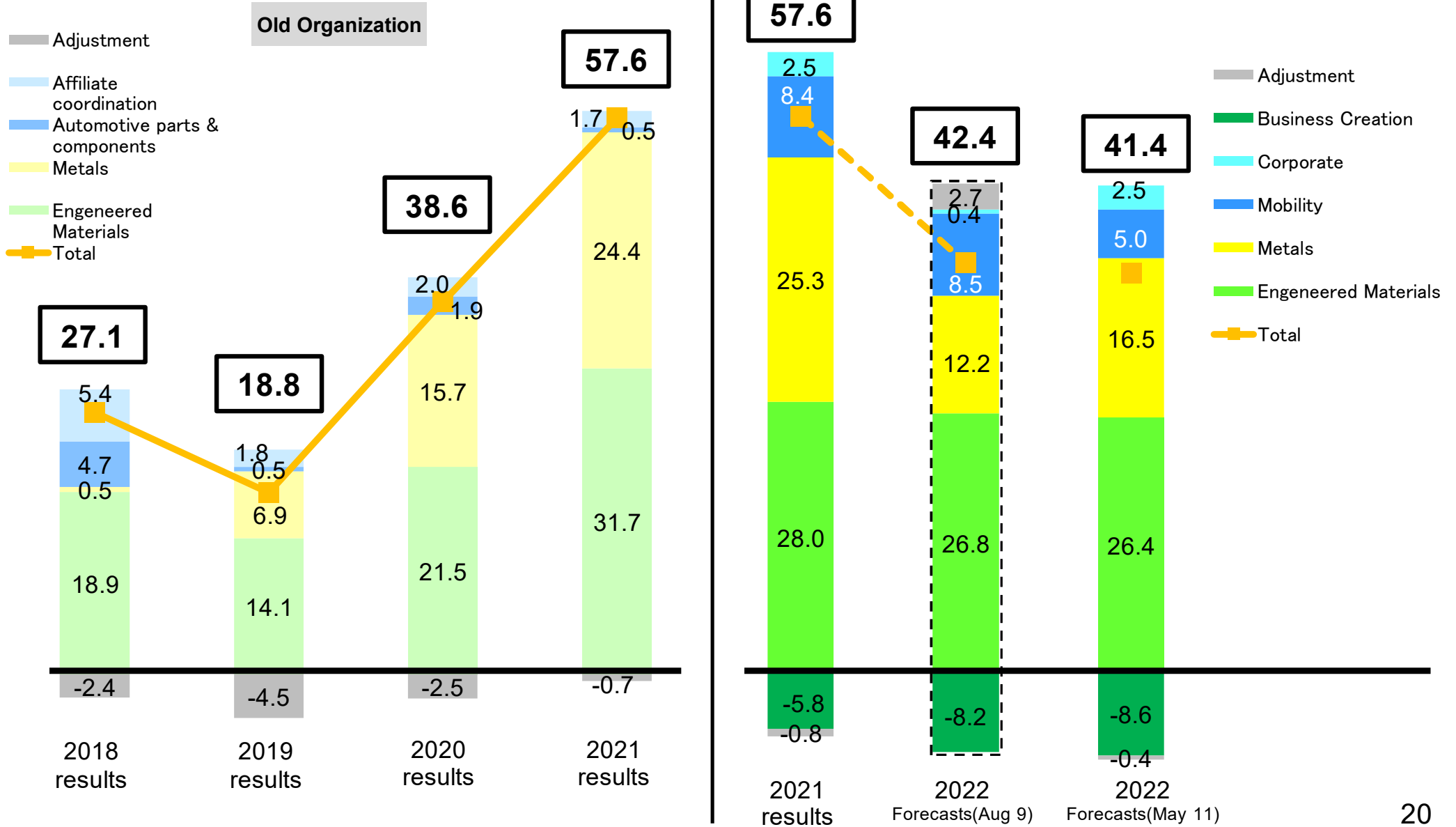


Trends in Financial Performance

(excludes inventory factor and PGM price difference on Catalysts from Ordinary income)

Current Organization

(Unit: Billion yen)



Quarterly sales and incomes

(Unit : Billion yen)

| | '21/Q1 | '21/Q2 | '21/Q3 | '21/Q4 | '22/Q1 | '22/Q2 Forecast | Q1 Diff. YonY | Q1 Diff. QonQ | Q2 Diff. YonY | Q2 Diff. QonQ |
|--|--------|--------|--------|--------|--------|--------------------|---------------------|---------------------|---------------------|---------------------|
| ■ Sales | | | | | | | | | | |
| Engineered Materials | 33.5 | 35.7 | 34.4 | 32.6 | 36.6 | 33.4 | 3.1 | 4.1 | -2.3 | -3.3 |
| Metals | 54.5 | 59.0 | 60.0 | 67.5 | 63.7 | 79.3 | 9.2 | -3.8 | 20.4 | 15.7 |
| Mobility | 50.7 | 54.1 | 49.2 | 53.2 | 49.8 | 76.2 | -0.8 | -3.3 | 22.1 | 26.3 |
| Corporate | 23.7 | 28.0 | 32.1 | 34.9 | 30.2 | 24.8 | 6.5 | -4.6 | -3.2 | -5.4 |
| Adjustment | -15.4 | -18.5 | -17.2 | -18.4 | -15.3 | -18.7 | 0.1 | 3.1 | -0.2 | -3.5 |
| Consolidated | 147.0 | 158.2 | 158.4 | 169.6 | 165.1 | 194.9 | 18.0 | -4.6 | 36.7 | 29.8 |
| ■ Operating income | | | | | | | | | | |
| Engineered Materials | 8.0 | 7.2 | 7.9 | 6.3 | 8.0 | 5.0 | -0.0 | 1.7 | -2.2 | -3.0 |
| Metals | 10.9 | 6.1 | 6.7 | 10.5 | 10.7 | -4.7 | -0.2 | 0.2 | -10.8 | -15.3 |
| Mobility | 4.5 | 2.2 | -7.4 | 2.1 | -0.5 | 2.2 | -5.0 | -2.6 | -0.0 | 2.7 |
| Corporate | -0.3 | 0.2 | 0.8 | 0.5 | -0.4 | -0.6 | -0.1 | -0.8 | -0.9 | -0.3 |
| Business Creation | -1.4 | -1.4 | -1.5 | -1.5 | -1.5 | -2.2 | -0.1 | 0.0 | -0.8 | -0.7 |
| Adjustment | -1.7 | 1.3 | 0.4 | 0.1 | 1.9 | 0.0 | 3.6 | 1.8 | -1.2 | -1.8 |
| Consolidated | 20.1 | 15.7 | 7.0 | 18.0 | 18.2 | -0.2 | -1.8 | 0.2 | -15.9 | -18.4 |
| ■ Ordinary income | | | | | | | | | | |
| Engineered Materials | 7.9 | 7.3 | 8.1 | 6.7 | 9.1 | 4.9 | 1.2 | 2.4 | -2.4 | -4.3 |
| Metals | 11.6 | 6.3 | 7.2 | 11.2 | 13.0 | -4.0 | 1.4 | 1.8 | -10.3 | -17.0 |
| Mobility | 4.6 | 2.2 | -7.1 | 2.8 | 2.2 | 2.0 | -2.4 | -0.6 | -0.2 | -0.1 |
| Corporate | 0.4 | 1.0 | 1.5 | 1.0 | 0.4 | -0.4 | -0.1 | -0.6 | -1.3 | -0.7 |
| Business Creation | -1.4 | -1.4 | -1.5 | -1.5 | -1.5 | -2.2 | -0.1 | 0.0 | -0.8 | -0.7 |
| Adjustment | -1.9 | 1.0 | 0.1 | -0.0 | 2.3 | 0.2 | 4.2 | 2.3 | -0.8 | -2.1 |
| Consolidated | 21.2 | 16.3 | 8.2 | 20.2 | 25.4 | 0.6 | 4.2 | 5.2 | -15.8 | -24.9 |
| ■ Net income attributable to owners of parent | | | | | | | | | | |
| | 18.8 | 12.6 | 5.5 | 15.2 | 21.7 | -2.7 | 3.0 | 6.5 | -15.3 | -24.4 |

Quarterly operating incomes and ordinary incomes excluding inventory factors and PGM price difference on Catalysts



(Unit : Billion yen)

| | '21/Q1 | '21/Q2 | '21/Q3 | '21/Q4 | '22/Q1 | '22/Q2 Forecast | Q1 Diff. YonY | Q1 Diff. QonQ | Q2 Diff. YonY | Q2 Diff. QonQ |
|---------------------------|--------|--------|--------|--------|--------|--------------------|---------------------|---------------------|---------------------|---------------------|
| ■ Operating income | | | | | | | | | | |
| Engineered Materials | 7.5 | 7.0 | 6.8 | 6.1 | 7.6 | 5.2 | 0.1 | 1.5 | -1.8 | -2.4 |
| Metals | 7.4 | 4.9 | 3.6 | 7.3 | 4.6 | 3.1 | -2.8 | -2.7 | -1.8 | -1.4 |
| Mobility | 1.6 | 1.1 | 1.4 | 3.3 | 0.5 | 2.2 | -1.1 | -2.8 | 1.1 | 1.7 |
| Corporate | -0.3 | 0.2 | 0.8 | 0.5 | -0.4 | -0.6 | -0.1 | -0.8 | -0.9 | -0.3 |
| Business Creation | -1.4 | -1.4 | -1.5 | -1.5 | -1.5 | -2.2 | -0.1 | 0.0 | -0.8 | -0.7 |
| Adjustment | -1.7 | 1.3 | 0.4 | 0.1 | 1.9 | 0.0 | 3.6 | 1.8 | -1.2 | -1.8 |
| Consolidated | 13.2 | 13.2 | 11.6 | 15.8 | 12.7 | 7.8 | -0.4 | -3.1 | -5.4 | -4.9 |
| ■ Ordinary income | | | | | | | | | | |
| Engineered Materials | 7.4 | 7.1 | 7.0 | 6.5 | 8.7 | 5.1 | 1.3 | 2.2 | -2.0 | -3.7 |
| Metals | 8.1 | 5.1 | 4.1 | 8.0 | 6.9 | 3.8 | -1.2 | -1.1 | -1.3 | -3.1 |
| Mobility | 1.7 | 1.1 | 1.7 | 4.0 | 3.2 | 2.0 | 1.5 | -0.8 | 0.9 | -1.1 |
| Corporate | -0.2 | 0.7 | 1.2 | 0.8 | -0.1 | -0.5 | 0.0 | -0.9 | -1.1 | -0.3 |
| Business Creation | -1.4 | -1.4 | -1.5 | -1.5 | -1.5 | -2.2 | -0.1 | 0.0 | -0.8 | -0.7 |
| Adjustment | -1.9 | 1.0 | 0.1 | -0.0 | 2.3 | 0.2 | 4.2 | 2.3 | -0.8 | -2.1 |
| Consolidated | 13.7 | 13.5 | 12.5 | 17.8 | 19.4 | 8.5 | 5.7 | 1.6 | -5.1 | -11.0 |

Sales



(Unit : Billion yen)

| | | '2021 | | | | | '2022 |
|----------------------|---|-------------|-------------|-------------|-------------|--------------|-------------|
| | | 'Q1 | 'Q2 | 'Q3 | 'Q4 | 'FY2021 | 'Q1 |
| Engineered Materials | Engineered Powders | 7.0 | 8.1 | 7.7 | 6.9 | 29.6 | 7.6 |
| | Copper Foil | 20.2 | 20.8 | 19.8 | 19.1 | 79.8 | 22.2 |
| | Others | 6.4 | 6.8 | 6.9 | 6.6 | 26.7 | 6.8 |
| | | 33.5 | 35.7 | 34.4 | 32.5 | 136.1 | 36.6 |
| Metals | Lead & Zinc | 37.4 | 40.9 | 41.6 | 47.1 | 167.0 | 46.5 |
| | Copper & Precious Metals | 14.9 | 15.3 | 14.1 | 16.5 | 60.8 | 14.9 |
| | Others | 2.2 | 2.8 | 4.4 | 3.7 | 13.1 | 2.3 |
| | | 54.5 | 59.0 | 60.0 | 67.5 | 240.9 | 63.7 |
| Mobility | Catalysts | 27.1 | 32.3 | 24.6 | 28.4 | 112.4 | 27.2 |
| | Door Latches for automobiles | 19.8 | 18.0 | 20.4 | 20.6 | 78.8 | 18.8 |
| | Others | 3.8 | 3.7 | 4.2 | 4.2 | 15.9 | 3.8 |
| | | 50.7 | 54.1 | 49.2 | 53.2 | 207.1 | 49.8 |
| Corporate | Business Reconstruction Office products | 19.5 | 23.4 | 24.7 | 27.5 | 95.1 | 26.2 |
| | Engineering business, Others | 4.1 | 4.6 | 7.4 | 7.5 | 23.6 | 4.0 |
| | | 23.7 | 28.0 | 32.1 | 34.9 | 118.7 | 30.2 |
| Adjustment | | -15.4 | -18.5 | -17.2 | -18.4 | -69.5 | -15.3 |
| Consolidated | | 147.0 | 158.2 | 158.4 | 169.6 | 633.3 | 165.1 |

List of transient factors

(Unit: Billion yen)

FY2022 Forecast Transient factors

| | | Q1 | Q2 | FY2022 1st half | FY2022 2nd half | FY2022 | FY2022 1st half | FY2022 2nd half | FY2022 |
|----------|---|-----|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| | | | Forecast(Aug 9) | Forecast(Aug 9) | Forecast(Aug 9) | Forecast(Aug 9) | Forecast(May 11) | Forecast(May 11) | Forecast(May 11) |
| Metals | Large scale maintenance for copper smelting | | | 0.0 | -2.5 | -2.5 | | -2.5 | -2.5 |
| Subtotal | | 0.0 | 0.0 | 0.0 | -2.5 | -2.5 | 0.0 | -2.5 | -2.5 |
| Total | | 0.0 | 0.0 | 0.0 | -2.5 | -2.5 | 0.0 | -2.5 | -2.5 |

Caution Concerning Forward-looking Statements

Statements contained in these materials regarding forecasts of future events are qualified by various risks, both existing and unknown, and uncertainties, which may have a material impact on the actual business conditions and operational activities. Consequently, please be aware that actual performance may differ substantially from forecasts and business plans indicated herein because of various unforeseeable factors.

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Regarding latent risks which might impact forecast results and other uncertainties, some items are included in the “Business and Other Risks” section of our financial statements or our website. However, please recognize that these are just a summary rather than a comprehensive list of all possible items relating to latent risks and uncertainties.

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