Financial Results for the First Quarter of Fiscal 2022 and Forecast for the Full Fiscal Year

August 9, 2022 Kobe Steel, Ltd.





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1. Summary of Financial Results and Forecast

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#### **Summary of Financial Results for the First Quarter of FY 2022**

Year on year

- > The production volume of automobiles, a major demand sector, decreased year on year due to the impact of semiconductor shortages and supply chain disruptions caused by the lockdown in Shanghai. Sales volume decreased mainly in the steel products and in the construction machinery business, which was affected by a decrease in overall demand in China.
- While coking coal prices rose sharply, steel metal spreads remained at the same level as the same period of the previous fiscal year due to improvement in sales prices. Margins in the aluminum rolled products and in the construction machinery business deteriorated year on year due to a sharp rise in energy prices, which became apparent from 2H of the previous fiscal year, and a delay in passing on rising prices of various materials, such as steel, to sales prices.
- On the other hand, ordinary income increased by 5.9 billion yen year on year to 29.9 billion yen due to factors such as an increase in inventory valuation gains and compensation income related to the engine certification problem in North America in the construction machinery business.

#### Summary of Revisions to FY 2022 Full-Year Earnings Forecasts

Compared to the previous forecast

- > Steel metal spreads are expected to remain at the same level as the previous forecast. However, compared to the previous forecast, we anticipate a decline in sales volume in the materials and construction machinery businesses along with a delay in passing on increased procurement costs to sales prices in business segments other than steel.
- The FY2022 full-year earnings forecast anticipates an ordinary income of 80.0 billion yen, with no change from the previous forecast, owing to an increase in inventory valuation gains, etc., but the outlook remains uncertain due to factors such as significant fluctuations in raw material prices and unpredictable automobile production trends. Going forward, we will steadily implement measures to improve earnings, including improving sales prices.



## Summary of FY2022 1Q and Full Year Earnings Forecasts

(Billions of yen)

**P5** 

	FY2021	Actual	FY2022	FY2022 Forec	ast (Current)		Change	· · ·
	1Q	Full Year	Forecast (Previous)	1Q Actual	Full Year	1Q	Full Year	Full Year
	1)	2	3	4	(5)	4-1	5-2	5-3
Net Sales	463.2	2,082.5	2,370.0	542.8	2,510.0	79.5	427.5	140.0
Operating Income (Loss)	24.8	87.6	80.0	8.0	75.0	(16.7)	(12.6)	(5.0)
Steel & Aluminum	12.0	37.5	35.0	13.4	35.0	1.4	(2.5)	_
Advanced Materials	3.5	5.1	4.0	2.1	1.5	(1.3)	(3.6)	(2.5)
Welding	0.8	2.7	3.0	0.2	2.0	(0.5)	(0.7)	(1.0)
Machinery	1.4	12.5	11.5	1.5	12.5	0.1	(0.0)	1.0
Engineering	1.8	7.7	2.5	0.9	2.5	(0.8)	(5.2)	_
Construction Machinery	3.7	12.0	6.0	9.2	7.5	5.5	(4.5)	1.5
Electric Power	1.0	13.2	28.0	0.0	23.0	(0.9)	9.8	(5.0)
Other Businesses	0.2	7.0	4.0	1.3	4.5	1.1	(2.5)	0.5
Adjustment	(0.7)	(4.9)	(14.0)	0.8	(8.5)	1.6	(3.6)	5.5
Ordinary Income (Loss)	23.9	93.2	80.0	29.9	80.0	5.9	(13.2)	_
Excluding Inventory Valuation	6.4	42.2	76.0	7.9	55.5	1.4	13.3	(20.5)
Extraordinary Income (Loss)	_	(9.2)*	-	-	-	_	9.2	_
Net Income (Loss) Attributable to Owners of the Parent	18.9	60.0	60.0	21.0	60.0	2.1	(0.0)	-

<sup>\*</sup>Loss on transfer of shares in the copper tube business



# **KOBELCO** Forecast for FY2022 by Segment

Segment	Summary (Changes from the previous forecast)
Materials businesses  • Iron & steel • Aluminum rolled products • Advanced materials • Welding	<ul> <li>Automobile production is expected to decline from the previous forecast due to the impact of semiconductor shortages and supply chain disruptions caused by the lockdown in Shanghai. Our company sales volume is also expected to decline.</li> <li>While steel raw materials market prices rose sharply in 1Q of the year, the markets for both iron ore and coking coal have recently turned downward due to weak demand in China.</li> <li>In the steel products, despite significant increases in raw material costs in 1Q, metal spreads are expected to remain at the same level as the previous forecast as the increasing costs have been steadily passed on to sales prices.</li> <li>We anticipate rises in procurement prices in the aluminum rolled products and in the advanced materials business due to soaring energy prices, such as crude oil and LNG, and the yen's depreciation, along with a delay in passing on the rising costs to sales prices.</li> </ul>
Machinery/ Engineering	<ul> <li>Demand is expected to remain strong. Orders for machinery are expected to be the same level as the previous fiscal year, which saw the largest volume of orders ever recorded.</li> <li>In the engineering business, demand for MIDREX® plants remains strong.</li> </ul>
Construction Machinery	<ul> <li>Unit sales are expected to be lower than the previous forecast due to a delay in parts procurement caused by the lockdown in Shanghai, a decline in infrastructure investment in China, and the growing presence of Chinese capital manufactures.</li> <li>Earnings are expected to improve due to the weaker yen, while procurement costs of various materials, such as steel, are expected to rise further.</li> </ul>
Electric Power	<ul> <li>Thermal coal prices have skyrocketed due to an embargo on Russian coal mainly in Europe.</li> <li>Earnings are expected to deteriorate from the previous forecast due to the time required for fuel cost pass-through at the No. 3 unit of the Kobe Power Plant.</li> </ul>



## Demand Trends and Raw Material Market Conditions (based on full-year earnings forecasts)

Compared to the previous forecast, automobile production is expected to decrease due to further production cuts mainly in the 1H. A full-fledged recovery in automobile production is expected to be pushed back to the 4Q of fiscal 2022.

\* Affected units : Steel products, aluminum flat rolled products, aluminum suspensions, aluminum extrusions, copper flat rolled products, steel powder, and welding

### Automobile production

Estimated production volume of Japanese automobile manufacturers (including overseas production) \*Compared to the average in FY 2019

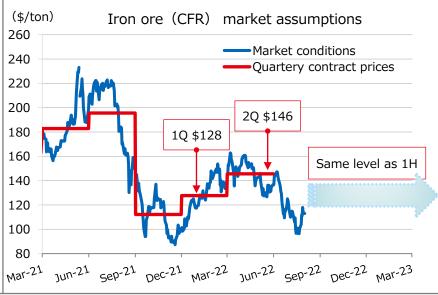
	FY2021		FY2022 Forecast (Previous)			FY2022 Forecast (Current)					
	F12021	1Q	2Q	3Q	4Q	Full Year	1Q	2Q	3Q	4Q	Full Year
Change	(12%)	(11%)	(4%)	+5%	+5%	(1%)	(22%)	(11%)	(4%)	+5%	(8%)

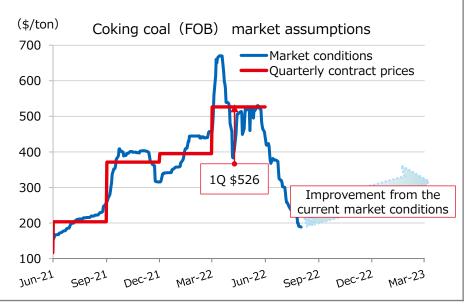
Iron ore

Coking coal

Iron ore : FY2022 1H prices have been settled at \$146. Prices in 2H are assumed to be roughly the same as 1H. Coking coal: Prices in 1Q have been settled at \$526. Prices in 2Q fall sharply on plunge in global steel demand.

Prices in 2H are expected to reflect a certain degree of improvement from the current market conditions.







2. Financial Results for the First Quarter of Fiscal 2022



### **Consolidated Earnings Summary of FY2022 1Q**

#### Net Sales: 542.8 billion yen (Up 79.5 billion yen year on year)

Net sales increased due to factors such as improvement in sales prices and the rise in unit prices of electric power along with the rise in coal prices in the electric power business, despite a decrease in sales volume in the materials businesses affected by the automobile production cuts and in the construction machinery business affected by weakening demand in China.

#### Ordinary Income: 29.9 billion yen (Up 5.9 billion yen year on year)

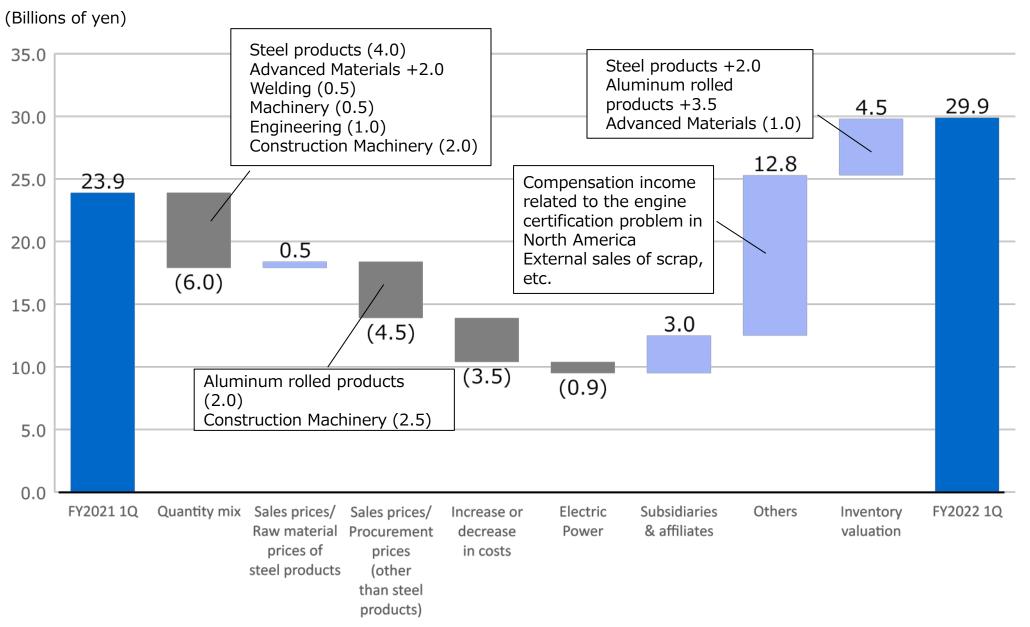
Ordinary income increased due to an increase in inventory valuation gains and compensation income related to the engine certification problem in North America in the construction machinery business, despite a decrease in sales volume, deterioration in margins in the aluminum rolled products and in the construction machinery business and cost increases centered on fixed cost.

	FY2021 1Q	FY2022 1Q
	1	2
Net Sales	463.2	542.8
Operating Income (Loss)	24.8	8.0
Ordinary Income (Loss)	23.9	29.9
Excluding Inventory Valuation	6.4	7.9
Extraordinary Income (Loss)	_	_
Net Income (Loss) Attributable to Owners of the Parent	18.9	21.0

(2				
Change				
2-1				
79.5				
(16.7)				
5.9				
1.4				
_				
2.1				



## **KOBELCO** FY2021 1Q Analysis of Ordinary Income (Loss)



Inventory valuation includes effect from the average method and the lower-of-cost-or-market method.



# Earnings Summary of FY2022 1Q Net Sales and Ordinary Income (Loss) by Segment

**Net Sales** 

Ordinary Income (Loss)

(Billions of yen)

	FY2021 1Q	FY2022 1Q	Change
	1)	2	2-1
Steel & Aluminum	206.4	258.7	52.3
Advanced Materials	74.8	65.7	(9.0)
Welding	19.1	20.5	1.4
Machinery	35.0	35.7	0.7
Engineering	24.6	28.7	4.0
Construction Machinery	93.5	86.9	(6.6)
Electric Power	15.8	57.2	41.3
Other Businesses	4.7	4.6	(0.0)
Adjustment	(11.1)	(15.6)	(4.5)
Total	463.2	542.8	79.5

		(-	JUNIONIS ON YEAR)
	FY2021 1Q	FY2022 1Q	Change
	3	4	4-3
Steel & Aluminum	12.0	13.4	1.4
Advanced Materials	3.5	2.1	(1.3)
Welding	0.8	0.2	(0.5)
Machinery	1.4	1.5	0.1
Engineering	1.8	0.9	(0.8)
Construction Machinery	3.7	9.2	5.5
Electric Power	1.0	0.0	(0.9)
Other Businesses	0.2	1.3	1.1
Adjustment	(0.7)	0.8	1.6
Total	23.9	29.9	5.9



		<u> </u>	
		FY2021 1Q	FY2022 1Q
		1	2
	Net Sales	167.5	210.3
Steel products	Ordinary Income (Loss)	9.8	9.7
	Excluding Inventory Valuation	(4.1)	(6.2)
Aluminum	Net Sales	38.8	48.4
rolled	Ordinary Income (Loss)	2.2	3.7
products	Excluding Inventory Valuation	1.7	(0.2)
	Net Sales	206.4	258.7
Total	Total Ordinary Income (Loss)		13.4
	Excluding Inventory Valuation	(2.4)	(6.5)

Change				
2-1				
42.7				
(0.1)				
(2.1)				
9.6				
1.5				
(1.9)				
52.3				
1.4				
(4.0)				



### Earnings Summary of FY2022 1Q - Steel & Aluminum - (Steel Products)

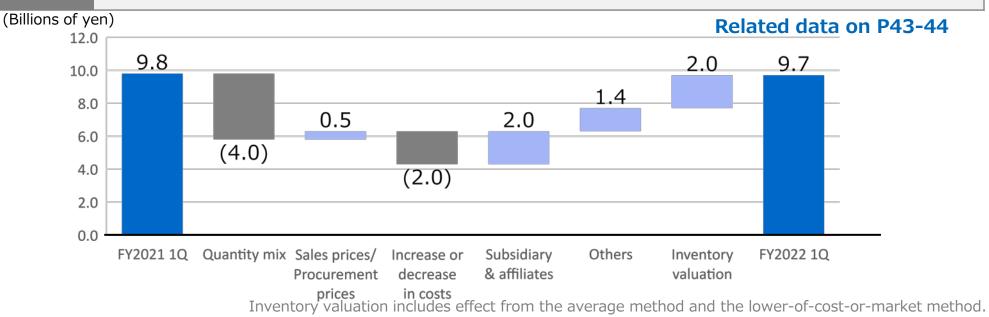
Steel products FY2021 1Q : Net sales of 167.5 billion yen  $\rightarrow$ 

FY2022 1Q: Net sales of 210.3 billion yen (Up 42.7 billion yen year on year)

FY2021 1Q : Ordinary Income of 9.8 billion yen →

FY2022 1Q: Ordinary Income of 9.7 billion yen (Down 0.1 billion yen year on year)

- Crude steel production: 1.59 million tons (Down 0.07 million tons year on year)
- Sales volume: 1.26 million tons (Down 0.10 million tons year on year)
- Decrease in sales volume due to a decrease in automobile production
- Sales price: 126,500 yen/ton (Up 35,800 yen/ton year on year)
- Factors affecting profit and loss
- Decrease in sales volume
- Metal spreads remained unchanged year on year due to improvement in sales prices despite rising coal prices.
- Cost increases centered on fixed costs, such as labor costs
- Improvement in earnings of U.S. Group Companies
- Improvement in inventory valuation gains due to rising raw material prices





### Earnings Summary of FY2022 1Q - Steel & Aluminum - (Aluminum Rolled Products)

Aluminum rolled products

FY2021 1Q : Net sales of 38.8 billion yen →

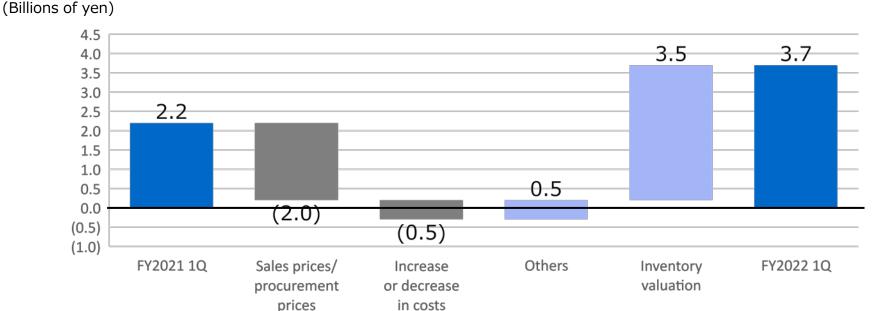
FY2022 1Q: Net sales of 48.4 billion yen (Up 9.6 billion yen year on year)

FY2021 1Q : Ordinary Income of 2.2 billion yen→

FY2022 1Q: Ordinary Income of 3.7 billion yen (Up 1.5 billion yen year on year)

- Sales volume: 86 thousand tons (Down 2 thousand tons year on year)
- Automobiles: Decreased due to a decrease in demand caused by automobile production cuts, despite an increase in sales volume due to expansion of sales.
- IT and semiconductors: Remained strong mainly in the semiconductor manufacturing equipment sector
- Factors affecting profit and loss
- Delay in passing on the increase in procurement costs caused by the rise and energy prices to sales prices
- Improvement in inventory valuation gains due to the rise in the aluminum market prices

#### Related data on P43-44



Inventory valuation includes effect from the average method and the lower-of-cost-or-market method.



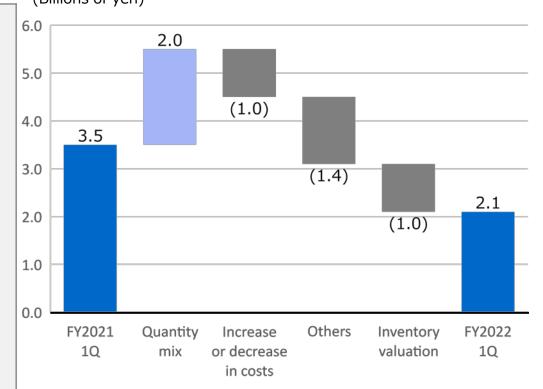
	FY2021 1Q	FY2022 1Q
	1	2
Net Sales	74.8	65.7
Ordinary Income (Loss)	3.5	2.1
Excluding Inventory Valuation	0.5	0.1

(Billions of yen)				
Change				
2-1				
(9.0)				
(1.3)				
(0.3)				

#### ■ Sales volume

- Increased in steel casting & forging due to increased demand in the shipbuilding sector
- Increased in titanium due to demand recovery in the general industrial sector
- Decreased in aluminum suspensions, aluminum extrusions, copper flat rolled products, and steel powder due to demand decline in the automotive sector
- Factors affecting profit and loss
- Increase in sales volume of steel casting & forging and titanium
- Cost increases centered on fixed costs, such as labor costs
- Decline in inventory valuation gains (impact of the sale of the copper tube business)

#### (Billions of yen) Related data on P43-44



Inventory valuation includes effect from the average method and the lower-of-cost-or-market method.



	FY2021 1Q	FY2022 1Q
	1	2
Net Sales	19.1	20.5
Ordinary Income (Loss)	0.8	0.2

(Rillions of ven)

(Dillions of year)							
Change							
2-1							
1.4							
(0.5)							

Related data on P43

- Sales volume
- Decreased in both domestic and overseas sales due to automobile production cuts in Japan and China.
- Factors affecting profit and loss
- Decrease in sales volume

(Rillians of yon)

### **Earnings Summary of FY2022 1Q – Machinery –**

			(billions of yen)
	FY2021 1Q	FY2022 1Q	Change
	1	2	2-1
Net Sales	35.0	35.7	0.7
Ordinary Income (Loss)	1.4	1.5	0.1
Orders	43.1	53.1	10.0

<sup>\*</sup> Previously, orders received by Kobe Steel, Ltd. and its major consolidated subsidiaries were counted. From the 2Q of the previous fiscal year, the Company changed the method to count the orders received by the Company and all of its consolidated subsidiaries. Accordingly, orders for the previous fiscal year have been recalculated.

#### Orders

- Increased in both industrial machinery and rotating machinery owing to strong demand in the petrochemicals and energy sectors
- Factors affecting profit and loss
- Changes in the project composition

### Earnings Summary of FY2022 1Q - Engineering -

			(Billions of yen)
	FY2021 1Q	FY2022 1Q	Change
	1)	2	2)-1)
Net Sales	24.6	28.7	4.0
Ordinary Income (Loss)	1.8	0.9	(0.8)
Orders	53.3	44.6	(8.7)

#### ■ Orders

- Decreased compared to the same period of the previous year, which recorded orders for overseas projects in the direct reduced iron business and multiple projects in the waste treatment-related business
- Factors affecting profit and loss
- Changes in the project composition

## **Earnings Summary of FY2022 1Q – Construction Machinery –**

	FY2021 1Q	FY2022 1Q
	1	2
Net Sales	93.5	86.9
Ordinary Income (Loss)	3.7	9.2

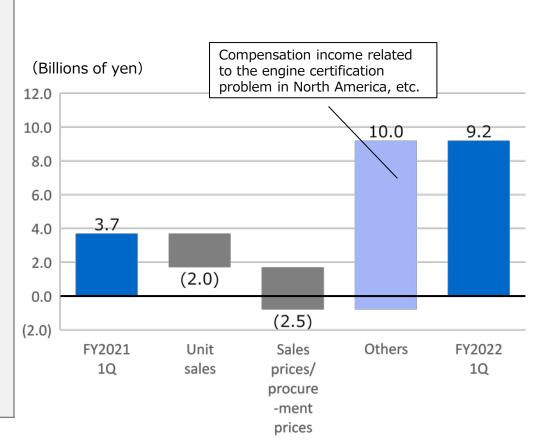
(Billions of yen)								
Change								
2-1								
(6.6)								
5.5								

#### Related data on P43

■ Unit Sales

[Hydraulic excavator]

- Decreased in China affected by weakened demand due to a decline in infrastructure investment and in Japan affected by shortages of procured parts due to the lockdown in Shanghai
- [Crawler crane]
- Increased in Japan, the Middle East, Australia and other countries where demand is strong
- Factors affecting profit and loss
- Decrease in unit sales of hydraulic excavator
- Delay in passing on increased procurement prices of various materials, such as steel, to sales prices
- Compensation income related to the engine certification problem in North America





	FY2021 1Q	FY2022 1Q
	1	2
Net Sales	15.8	57.2
Ordinary Income (Loss)	1.0	0.0

(Bill	ions	of	yen

Change						
2-1						
41.3						
(0.9)						

- Sales volume
- Increased due to the start of operations of the No. 3 unit of the Kobe Power Plant (started operation in February 2022)
- Unit price
- Rose along with soaring thermal coal prices
- Factors affecting profit and loss
- Start of operations of the No. 3 unit of the Kobe Power Plant
- Time required for fuel cost pass-through at the No. 3 unit of the Kobe Power Plant



3. Forecast for Fiscal 2022

#### Net sales: FY2022 Previous: 2,370.0 billion yen → FY2022 Current: 2,510.0 billion yen (Up 140.0 billion yen)

- Anticipate an increase in net sales due to cost pass-through to sales prices, despite further increases in raw material and procurement prices and the yen's depreciation.
- Anticipate a significant increase in sales in the electric power business due to a rise in unit sales price of electricity along with rising thermal coal prices.

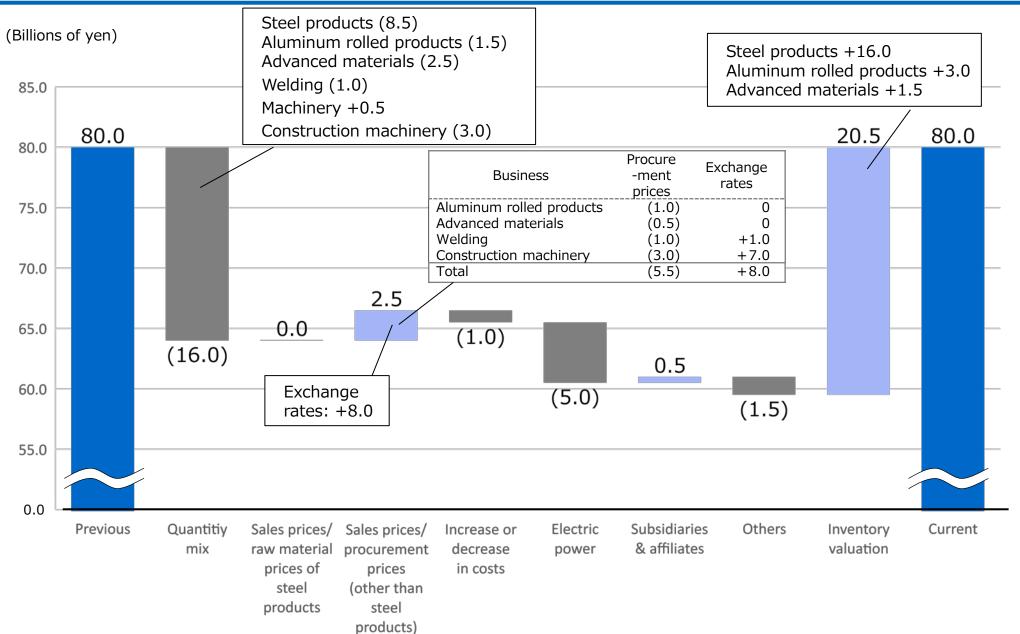
#### Ordinary income: FY2022 Previous: 80.0 billion yen → FY2022 Current: 80.0 billion yen (with no change)

- Anticipate a decrease in sales volume mainly in the materials business due to factors such as slow demand recovery in the automotive sector.
- Anticipate an increase in inventory valuation gains due to rising raw material prices and the yen's depreciation.

(Billions of yen) FY2022 Forecast (Previous) FY2022 Forecast (Current) FY2021 Actual Change (1) (2) (2)-(1)1H 2H 1H 2H 1H 2H **Net Sales** 972.1 1,110.3 2,082.5 1,160.0 1,210.0 2,370.0 1,170.0 1,340.0 2,510.0 140.0 Operating Income (Loss) 87.6 25.0 55.0 80.0 56.0 75.0 (5.0)46.8 40.8 19.0 Ordinary Income (Loss) 80.0 44.3 48.8 93.2 35.0 45.0 80.0 32.0 48.0 **Excluding Inventory** 19.3 22.8 42.2 32.5 43.5 76.0 11.0 44.5 55.5 (20.5)Valuation Extraordinary Income (Loss) (9.2)(9.2)Net Income (Loss) Attributable to Owners of 34.5 25.5 25.0 35.0 60.0 60.0 30.0 30.0 60.0 the Parent



### **FY2022 Forecast Analysis of Ordinary Income (Loss)**



Inventory valuation includes effect from the average method and the lower-of-cost-or-market method.

## **FY2022 Forecast – Net Sales by Segment –**

**Net Sales** 

	FY2021 Actual			FY2022	FY2022 Forecast (Previous)			FY2022 Forecast (Current)			
	1H	2H		1H	2H	1	1H	2H	2	2-(	1
Steel & Aluminum	427.3	487.5	914.9	530.0	560.0	1,090.0	532.0	598.0	1,130.0		40.0
Advanced Materials	153.2	180.0	333.2	140.0	145.0	285.0	140.0	160.0	300.0	1	15.0
Welding	38.0	38.8	76.9	41.0	43.0	84.0	41.0	45.0	86.0		2.0
Machinery	79.7	87.1	166.8	95.0	96.0	191.0	88.0	104.0	192.0		1.0
Engineering	55.6	79.9	135.6	67.0	85.0	152.0	66.0	90.0	156.0		4.0
Construction Machinery	194.0	177.6	371.6	198.0	192.0	390.0	185.0	211.0	396.0		6.0
Electric Power	37.5	72.3	109.8	107.0	105.0	212.0	143.0	146.0	289.0	7	77.0
Other Businesses	11.4	17.4	28.8	11.0	16.0	27.0	11.0	17.0	28.0		1.0
Adjustment	(24.8)	(30.4)	(55.3)	(29.0)	(32.0)	(61.0)	(36.0)	(31.0)	(67.0)	(6	6.0)
Total	972.1	1,110.3	2,082.5	1,160.0	1,210.0	2,370.0	1,170.0	1,340.0	2,510.0	14	40.0



#### Ordinary Income (Loss)

	FY2021 Actual			FY2021 Actual FY2022 Forecast (Previous)			revious)	FY2022	Change	
	1H	2H		1H	2H	1	1H	2H	2	2-1
Steel & Aluminum	14.8	22.6	37.5	13.0	22.0	35.0	13.0	22.0	35.0	_
Advanced Materials	5.2	(0.1)	5.1	1.5	2.5	4.0	1.0	0.5	1.5	(2.5)
Welding	2.0	0.7	2.7	1.0	2.0	3.0	0.5	1.5	2.0	(1.0)
Machinery	4.2	8.3	12.5	4.5	7.0	11.5	3.5	9.0	12.5	1.0
Engineering	4.3	3.3	7.7	0.5	2.0	2.5	0.0	2.5	2.5	_
Construction Machinery	8.4	3.6	12.0	6.0	0.0	6.0	7.0	0.5	7.5	1.5
Electric Power	5.7	7.5	13.2	13.5	14.5	28.0	6.0	17.0	23.0	(5.0)
Other Businesses	1.1	5.9	7.0	1.0	3.0	4.0	1.0	3.5	4.5	0.5
Adjustment	(1.7)	(3.1)	(4.9)	(6.0)	(8.0)	(14.0)	0.0	(8.5)	(8.5)	5.5
Total	44.3	48.8	93.2	35.0	45.0	80.0	32.0	48.0	80.0	_

												ons or yen)
		FY	/2021 Actua	al	FY2022 I	FY2022 Forecast (Previous)			FY2022 Forecast (Current)			Change
		1H	2H		1H	2H	1	1H	2H	2		2-1
	Net Sales	346.5	404.4	751.0	435.0	465.0	900.0	438.0	500.0	938.0		38.0
Steel products	Ordinary Income (Loss)	12.4	22.2	34.6	11.0	20.0	31.0	10.0	21.0	31.0		_
	Excluding Inventory Valuation	(9.5)	1.2	(8.4)	12.0	18.5	30.5	(3.0)	17.5	14.5		(16.0)
A I	Net Sales	80.7	83.0	163.8	95.0	95.0	190.0	94.0	98.0	192.0		2.0
Aluminum rolled products	Ordinary Income (Loss)	2.4	0.4	2.8	2.0	2.0	4.0	3.0	1.0	4.0		_
products	Excluding Inventory Valuation	2.4	(1.6)	0.8	(1.0)	1.5	0.5	(2.5)	0.0	(2.5)		(3.0)
	Net Sales	427.3	487.5	914.9	530.0	560.0	1,090.0	532.0	598.0	1,130.0		40.0
Total	Ordinary Income (Loss)	14.8	22.6	37.5	13.0	22.0	35.0	13.0	22.0	35.0		_
	Excluding Inventory Valuation	(7.1)	(0.4)	(7.6)	11.0	20.0	31.0	(5.5)	17.5	12.0		(19.0)



# Steel products

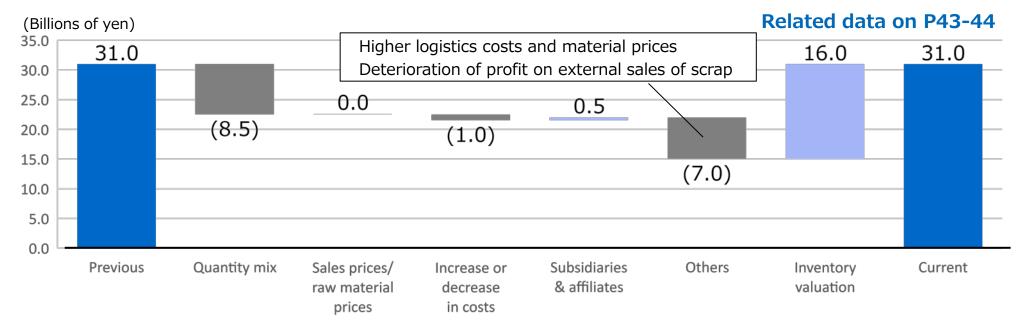
FY2022 Previous: Net sales of 900.0 billion yen →

FY2022 Current: Net sales of 938.0 billion yen (Up 38.0 billion yen)

FY2022 Previous: Ordinary Income of 31.0 billion yen →

FY2022 Current: Ordinary Income of 31.0 billion yen (with no change)

- Crude steel production: Approx. 6.50 million tons (Down 0.2 million tons)
- Sales volume : Approx. 5.30 million tons (Down 0.10 million tons)
- Anticipate a decrease in sales volume due to slow demand recovery in the automotive sector
- Factors affecting profit and loss
- · Decrease in sales volume
- Metal spreads remains at the same level as the previous forecast
- Higher logistics costs and material prices
- Improvement in inventory valuation gains due to rising raw material prices and a weaker yen



Inventory valuation includes effect from the average method and the lower-of-cost-or-market method.

## FY2022 Forecast – Steel & Aluminum – (Aluminum Rolled Products)

Aluminum rolled products

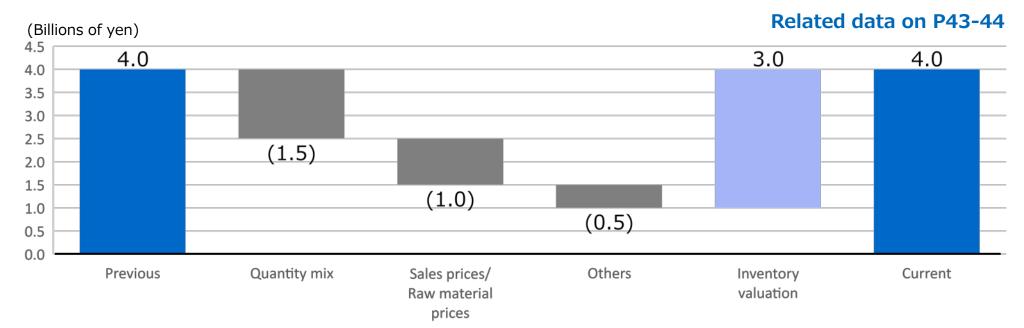
FY2022 Previous: Net sales of 190.0 billion yen →

FY2022 Current: Net sales of 192.0 billion yen (Up 2.0 billion yen)

FY2022 Previous: Ordinary Income of 4.0 billion yen →

FY2022 Current: Ordinary Income of 4.0 billion yen (with no change)

- Sales volume: Approx. 370 thousand tons (Down 10 thousand tons)
- Demand remains strong in the beverage can, IT and semiconductor sectors
- Anticipate a decrease in sales volume in the automotive sector due to a slow demand recovery
- Factors affecting profit and loss
- Decrease in sales volume
- Delay in passing on rises in energy prices to sales prices
- Improvement in inventory valuation gains due to a weaker yen



Inventory valuation includes effect from the average method and the lower-of-cost-or-market method.



### **FY2022 Forecast – Advanced Materials –**

										(E	
		F	/2021 Actu	al	FY2022	Forecast (P	revious)	FY2022 Forecast (Current)			
		1H	2H		1H	2H	1	1H	2H	2	
	Net Sales	Sales 153.2 180.0 333.2 140.0 145.0 285.0		140.0	160.0	300.0					
Ordinary Income (Loss)		5.2	(0.1)	5.1	1.5	2.5	4.0	1.0	0.5	1.5	
	Excluding Inventory Valuation	2.2	(3.1)	(0.9)	1.0	3.0	4.0	(1.5)	1.5	0.0	

(Billions of yen)

### Change (2)-(1)15.0 (2.5)(4.0)

#### FY2022 Previous:

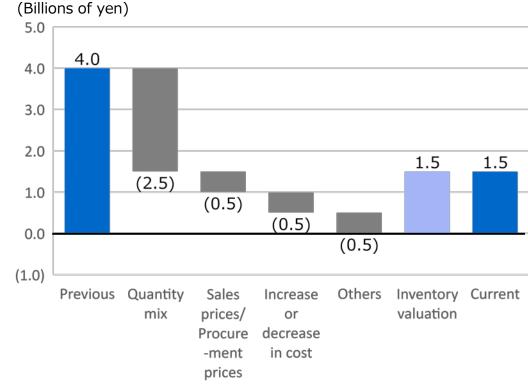
Ordinary Income of 4.0 billion yen  $\rightarrow$ 

#### FY2022 Current:

Ordinary Income of 1.5 billion yen (Down 2.5 billion yen)

- Sales volume
- Anticipate a decrease in sales volume of suspensions, aluminum extrusions, and steel powder, due to slow demand recovery
- Factors affecting profit and loss
  - Decrease in sales volume
- Delay in passing on rises in energy prices to sales prices
- Improvement in inventory valuation due to rising copper market prices

#### Related data on P43-44



(Billions	of yen)
-----------	---------

Change

(2)-(1)

2.0

(1.0)

	FY2021 Actual FY2022 Forecast (Previous)				FY2022 Forecast (Current)							
	1H	2H 1H 2H ①				1H	2H	2				
Net Sales	38.0	38.8	76.9	41.0	43.0	84.0	41.0	45.0	86.0			
Ordinary Income (Loss)	2.0	0.7	2.7	1.0	2.0	3.0	0.5	1.5	2.0			

#### Related data on P43

FY2022 Previous: Ordinary Income of 3.0 billion yen →

FY2022 Current: Ordinary Income of 2.0 billion yen (Down 1.0 billion yen)

- Sales volume
- Anticipate a decline in both domestic and overseas sales due to slow demand recovery in the automotive sector in Japan and China
- Factors affecting profit and loss
- Decrease in sales volume

(B	illio	ns	of	yen)	١
\ <del>-</del>				,,	٠.

	F	/2021 Actu	al	FY2022 Forecast (Previous)			FY2022 Forecast (Current)				Change
	1H	2H		1H	2H	1	1H	2H	2		2-1
Net Sales	79.7	87.1	166.8	95.0	96.0	191.0	88.0	104.0	192.0		1.0
Ordinary Income (Loss)	4.2	8.3	12.5	4.5	7.0	11.5	3.5	9.0	12.5		1.0
										· [	
Orders	89.5	117.0	206.6	approx. 95.0	approx. 90.0		approx 110.0				approx. 20.0

FY2022 Previous: Ordinary Income of 11.5 billion yen →

FY2022 Current: Ordinary Income of 12.5 billion yen (Up 1.0 billion yen)

#### ■ Orders

- Anticipate orders to increase and reach the same level as FY2021 at around 205.0 billion yen, owing to strong demand in the petrochemical sector
- Factors affecting profit and loss
- Improvement in project profitability due to improvement in the order environment

(Billions of yen)

											31.5 0. 70.17
	F	/2021 Actu	al	FY2022 I	FY2022 Forecast (Previous)			FY2022 Forecast (Current)			
	1H	2H		1H	2H	1	1H	2H	2		2-1
Net Sales	55.6	79.9	135.6	67.0	85.0	152.0	66.0	90.0	156.0		4.0
Ordinary Income (Loss)	4.3	3.3	7.7	0.5	2.0	2.5	0.0	2.5	2.5		_
										-	
Orders	73.5	134.9	208.5	approx. 65.0	approx. 85.0	approx. 150.0	approx. 65.0	approx. 85.0		l	_

FY2022 Previous: Ordinary Income of 2.5 billion yen →
FY2022 Current: Ordinary Income of 2.5 billion yen (with no change)

- Orders · · · Remain unchanged
- Anticipate orders to reach around 150.0 billion yen owing to robust infrastructure investment mainly in the water treatment-related business
- Factors affecting profit and loss
- Remain unchanged

## **KOBELCO** FY2022 Forecast – Construction Machinery –

									(1	Billio	ons of yen)
	F	/2021 Actua	al	FY2022 Forecast (Previous)				FY2022 Forecast (Current)			
	1H	2H		1H	2H	1	1H	2H	2		2-1
Net Sales	194.0	177.6	371.6	198.0	192.0	390.0	185.0	211.0	396.0		6.0
Ordinary Income (Loss)	8.4	3.6	12.0	6.0	0.0	6.0	7.0	0.5	7.5		1.5

#### Related data on P44

#### FY2022 Previous: Ordinary Income of 6.0 billion yen $\rightarrow$ FY2022 Current: Ordinary Income of 7.5 billion yen (Up 1.5 billion yen)

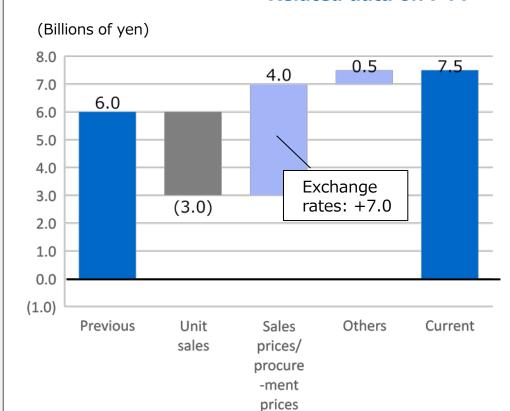
■ Unit Sales

[Hydraulic excavator]

 Anticipate a decrease from the previous forecast due to a further decline in infrastructure investment in China and intensified competition

#### [Crawler crane]

- Anticipate an increase from the previous forecast due to an increase in orders for individual projects in India
- Factors affecting profit and loss
- Decline in unit sales of hydraulic excavators
- Delay in passing on rises in procurement prices to sales prices
- Profitability improvement due to a weaker yen against the dollar and euro



									(i		
	F	Y2021 Actu	al	FY2022	Forecast (P	revious)	FY2022 Forecast (Current)				
	1H	2H		1H	2H	1	1H	2H	2		
Net Sales	37.5	72.3	109.8	107.0	105.0	212.0	143.0	146.0	289.0		
Ordinary Income (Loss)	5.7	7.5	13.2	13.5	14.5	28.0	6.0	17.0	23.0		

(Billions of yen)

### ②-① 77.0 (5.0)

Change

FY2022 Previous: Ordinary Income of 28.0 billion yen→

FY2022 Current: Ordinary Income of 23.0 billion yen (Down 5.0 billion yen)

- Sales volume ··· Remain unchanged
- Unit price… Anticipate an increase
- Increase owing to higher thermal coal prices
- Factors affecting profit and loss
- Time required for fuel cost pass-through at the No. 3 unit of the Kobe Power Plant

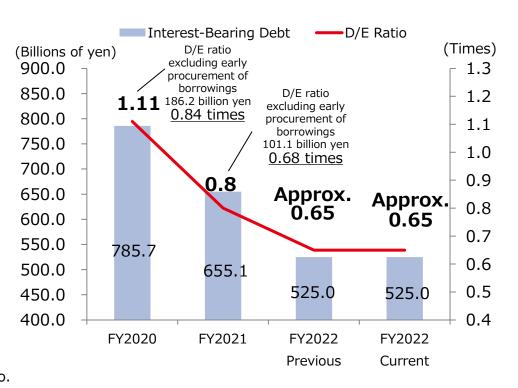
- Kobe Steel determines dividends taking its financial condition, business performance, future capital needs and other factors into overall consideration with the aim of paying dividends on a continuous and steady basis in principle. The target dividend payout ratio is 15 to 25% of consolidated net income attributable to owners of the parent.
- Under this policy, the Board of Directors resolved today to pay an interim dividend of 15 yen per share for the current fiscal year.

		FY2021				
	Interim	Year-end		Interim	Year-end	
Dividends per share in yen	10	30	40	15	Undeter- mined	Undeter- mined
Dividend payout ratio			25.0%			

- In fiscal 2022, Kobe Steel has been monitoring the trends in sales/orders and the status of price pass-through in the Steel & Aluminum, Advanced Materials, and Construction Machinery businesses, surveyed by the head office on a monthly basis. These indicators will have a particularly large impact on business performance and cash flow. Along with this, the Company's business divisions have identified **important KPIs in their ROIC** management with the aim of enhancing cash flow management through the enhancement of progress management, including the management of capital invested.
- While the outlook for the future remains uncertain, we will further strengthen our progress management as outlined above. We will steadily maintain and improve financial discipline as we continue to carefully select new investment projects.

#### Free Cash Flow Cash Flows from Operating Activities Cash Flows from Investing Activities Free Cash Flow (Billions of yen) 250.0 210.0 200.0 181.6 150.0 145.0 128.1 150.0 100.0 56.6 60.0 60.0 50.0 0.0 (50.0)(100.0)(81.9)(85.0)(90.0)(150.0)(125.0)FY2020 FY2021 FY2022 FY2022 **Previous** Current

#### Interest Bearing Debt & D/E Ratio



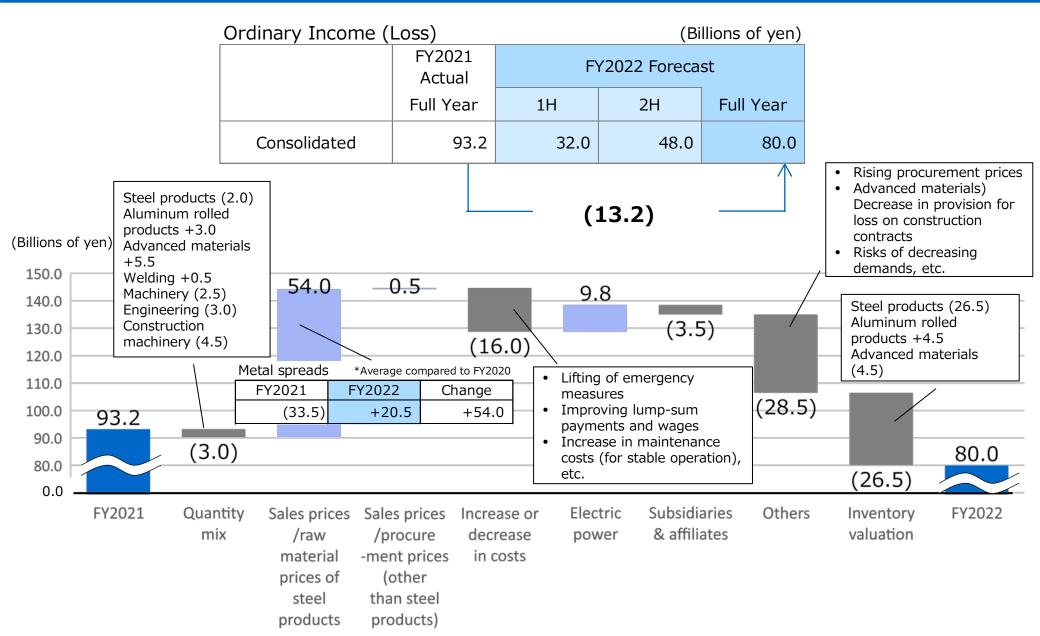
Note: Project finance is not included in free cash flow and D/E ratio.



4. Reference Information

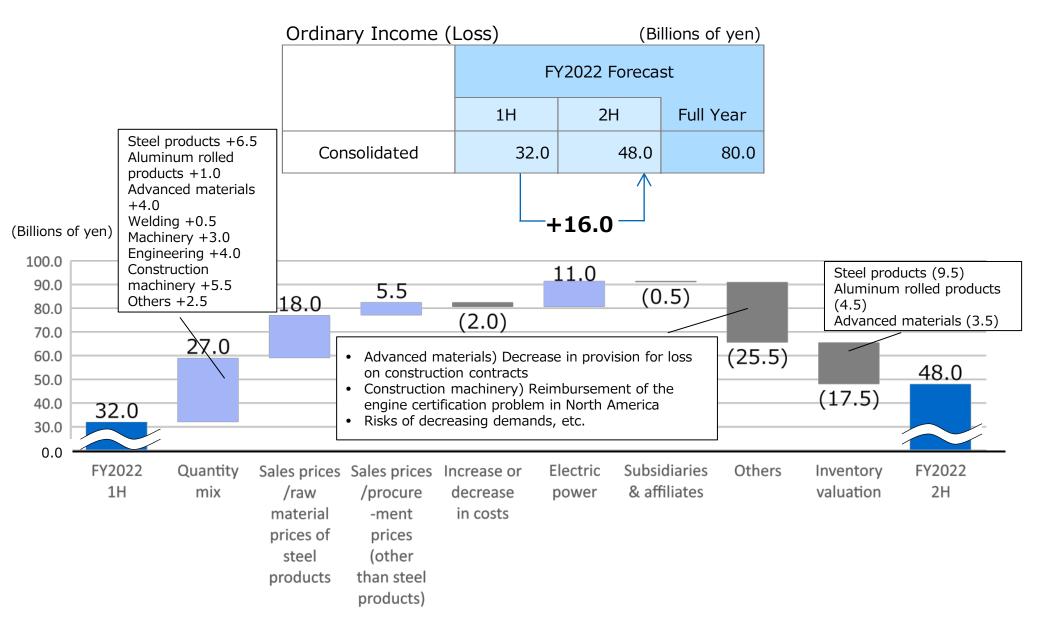


## FY2022 Ordinary Income (Loss) Breakdown of Differences from FY2021 Actual



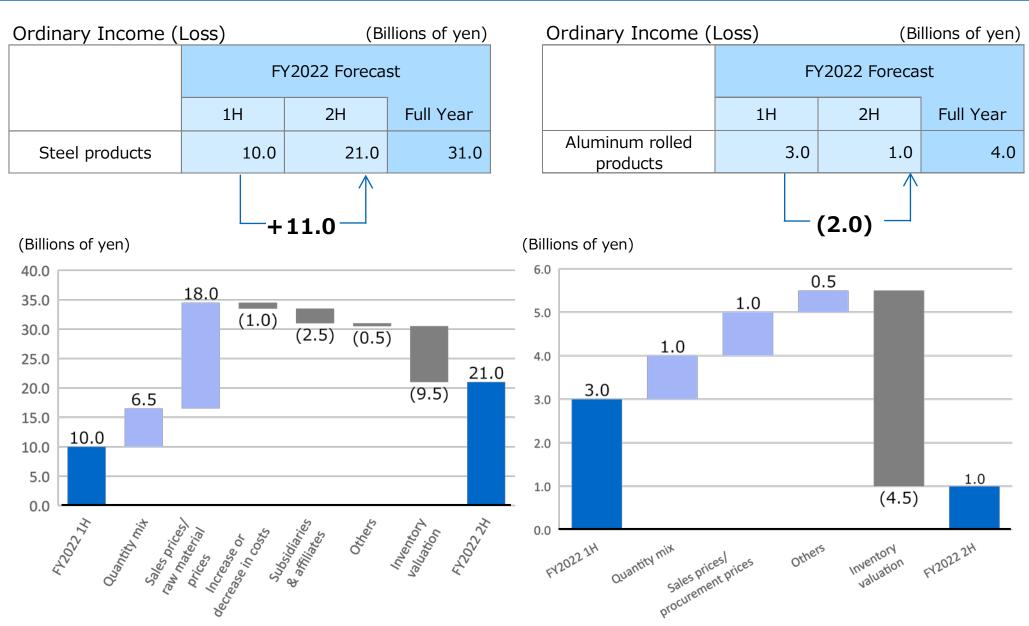
Inventory valuation includes effect from the average method and the lower-of-cost-or-market method.





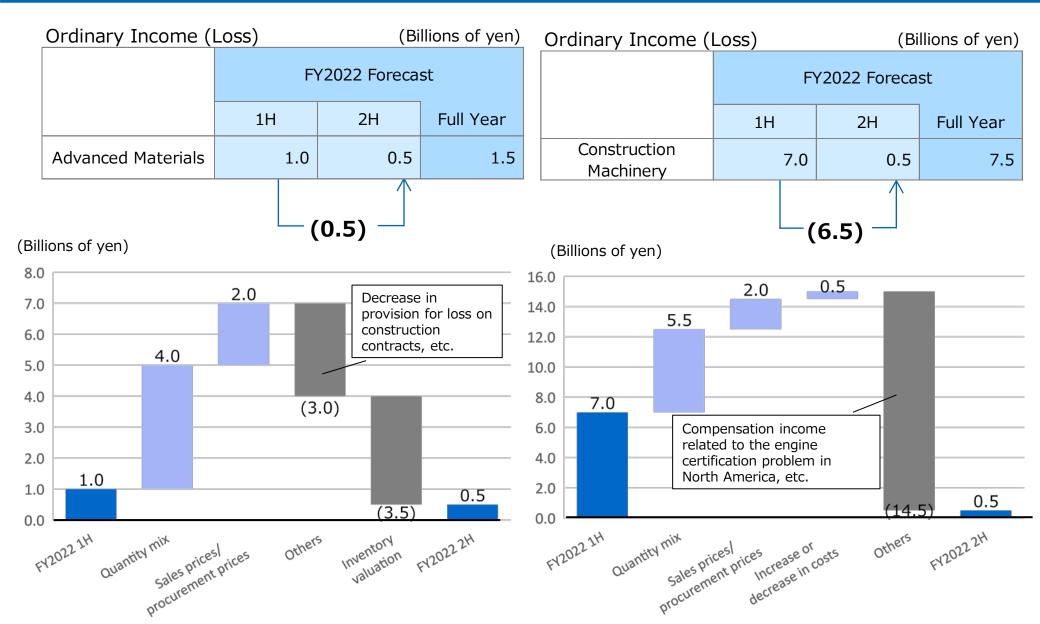


## FY2022 1st Half → 2nd Half Breakdown of Differences – Steel & Aluminum –

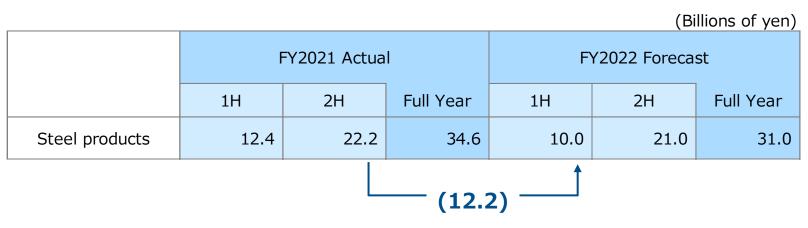


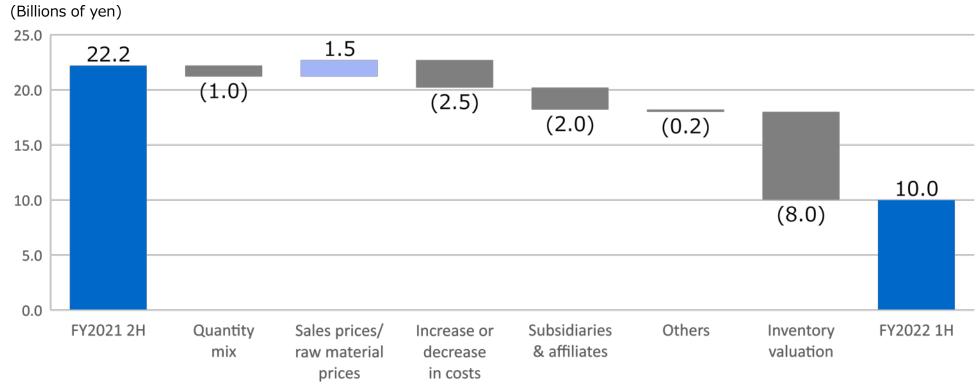


# FY2022 1st Half → 2nd Half Breakdown of Differences – Advanced Materials & Construction Machinery –









Inventory valuation includes effect from the average method and the lower-of-cost-or-market method.

					I				
		FY2021 Actual			FY2022Forecast (Previous)		FY2022 Forecast (Current)		urrent)
		1Q	1H	Full Year	1H	Full Year	1Q	1H	Full Year
Crude steel production*1	(Millions of tons)	1.66	3.35	6.59	approx.3.40	approx.6.70	1.59	approx.3.20	approx.6.50
Sales volume of steel products*2	(Millions of tons)	1.36	2.68	5.27	approx.2.70	approx.5.40	1.26	approx.2.60	approx.5.30
(Domestic)		(1.02)	(2.03)	(3.99)	(approx.2.10)	(approx.4.20)	(0.97)	(approx.2.00)	(approx.4.10)
(Exports)		(0.34)	(0.66)	(1.28)	(approx.0.60)	(approx.1.20)	(0.30)	(approx.0.60)	(approx.1.20)
Average steel selling price	(Thousands of yen/ton)	90.7	95.5	105.6			126.5		
Export ratio (value basis)		25.5%	24.9%	24.2%			24.1%		
Aluminum rolled products*3	(Thousands of tons)	88	179	343	approx.190	approx.380	86	approx.180	approx.370
(Domestic)		(66)	(134)	(250)	(approx.140)	(approx.270)	(62)	(approx.130)	(approx.255)
(Overseas)		(22)	(45)	(93)	(approx.50)	(approx.110)	(24)	(approx.50)	(approx.115)
Aluminum extrusions*3	(Thousands of tons)	10	19	36	approx.21	approx.42	9	approx.18	approx.38
(Domestic)		(8)	(16)	(30)	(approx.16)	(approx.32)	(7)	(approx.14)	(approx.29)
(Overseas)		(2)	(3)	(6)	(approx.5)	(approx.10)	(2)	(approx.4)	(approx.9)
Copper rolled products*2	(Thousands of tons)	15	29	60	approx.31	approx.62	13	approx.29	approx.62
Welding materials*3	(Thousands of tons)	68	133	258	approx.135	approx.275	64	approx.125	approx.260
(Domestic)		(28)	(53)	(108)	(approx.55)	(approx.110)	(26)	(approx.50)	(approx.105)
(Overseas)		(40)	(80)	(150)	(approx.80)	(approx.165)	(38)	(approx.75)	(approx.155)
Hydraulic excavator*4	(Thousands of units)	6.8	14.2	28.1	approx.15.0	approx.30.0	5.7	approx.13.0	approx.26.5
(Domestic)		(1.5)	(3.5)	(7.9)	(approx.4.0)	(approx.8.0)	(1.4)	(approx.4.0)	(approx.8.0)
(Overseas)		(5.3)	(10.7)	(20.2)	(approx.11.0)	(approx.22.0)	(4.3)	(approx.9.0)	(approx.18.5)
Crawler cranes*3	(Millions of tons)	56	143	321	approx.180	approx.365	76	approx.170	approx.375

<sup>\*1</sup> Includes production volume of electric furnaces at the Takasago Works.

<sup>\*2</sup> Non-consolidated basis

<sup>\*3</sup> Consolidated basis

<sup>\*4</sup> Consolidated basis (including mini shovels)

(Billions of yen)

Stool products		FY2021 Actual				FY2022 Forecast			
	Steel products	1Q	1H	2H	Full Year	1Q	1H	2H	Full Year
	Iron ore	4.5	6.0	(8.5)	(2.5)	3.0	5.0	(2.5)	2.5
	Coal	(0.5)	3.5	8.0	11.5	3.5	(2.5)	3.0	0.5
	Carry Over	4.0	9.5	(0.5)	9.0	6.5	2.5	0.5	3.0
	Average method	14.0	22.0	21.0	43.0	18.0	13.0	3.5	16.5
	Lower-of-cost-or- market method	0.0	0.0	0.0	0.0	(2.0)	0.0	0.0	0.0
Inventory Valuation		14.0	22.0	21.0	43.0	16.0	13.0	3.5	16.5

	Aluminum		FY2021 Actual				FY2022 Forecast			
rolled products		1Q	1H	2H	Full Year	1Q	1H	2H	Full Year	
	Average method	0.5	0.0	2.0	2.0	4.0	5.5	1.0	6.5	
	Lower-of-cost-or- market method	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Inventory Valuation		0.5	0.0	2.0	2.0	4.0	5.5	1.0	6.5	

Advanced	FY2021 Actual				FY2022 Forecast			
<b>Materials</b>	1Q	1H	2H	Full Year	1Q	1H	2H	Full Year
Average method	3.0	3.0	3.0	6.0	2.5	2.5	(1.0)	1.5
Lower-of-cost-or- market method	0.0	0.0	0.0	0.0	(0.5)	0.0	0.0	0.0
Inventory Valuation	3.0	3.0	3.0	6.0	2.0	2.5	(1.0)	1.5

# **COBELCO** Free Cash Flow & Capital Investment

(Billions of yen)

	FY2018 Actual	FY2019 Actual	FY2020 Actual	FY2021 Actual	FY2022 Forecast (Previous)	FY2022 Forecast (Current)
Cash Flows from Operating Activities	72.3	21.4	210.0	181.6	150.0	145.0
Cash Flows from Investing Activities	(10.9)	(133.4)	(81.9)	(125.0)	(90.0)	(85.0)
Free Cash Flow (excluding project financing)	61.4	(112.0)	128.1	56.6	60.0	60.0
Free Cash Flow (including project financing)	38.5	(191.9)	52.9	7.2	70.0	70.0
Cash and Deposits (excluding project financing)	192.6	134.9	301.8	243.2	140.0	140.0

	FY2018 Actual	FY2019 Actual	FY2020 Actual	FY2021 Actual	FY2022 Forecast (Previous)	FY2022 Forecast (Current)
Capital Investment (accrual basis)	133.4	239.8	185.0	108.1	120.0	115.0
Capital Investment (payment basis)	132.4	245.3	173.2	156.4	110.0	105.0
Depreciation	102.5	105.3	100.8	105.1	120.0	120.0

	FY2018 Actual	FY2019 Actual	FY2020 Actual	FY2021 Actual	FY2022 Forecast (Previous)	FY2022 Forecast (Current)
Net Income (Loss) per Share	99.20 yen	(187.55) yen	64.05 yen	160.23 yen	152.07 yen	152.07 yen
Outside Debt	760.3 bilion yen	906.6 bilion yen	987.8 bilion yen	908.4 bilion yen	795.0 bilion yen	795.0 bilion yen
Outside Debt Excluding Debt from IPP project financing	724.2 bilion yen	784.4 bilion yen	785.7 bilion yen	655.1 bilion yen	525.0 bilion yen	525.0 bilion yen
D/E Ratio *1	0.98 times	1.19 times	1.11 times	0.80 times	approx.0.65 times	approx.0.65 times
ROS *6	1.8%	(0.4)%	0.9%	4.5%	3.4%	3.2%
ROA*7	1.5%	(0.3)%	0.6%	3.5%	2.9%	2.9%
ROE *8	4.8%	(9.7)%	3.4%	7.9%	7.2%	7.1%
ROIC*9	2.8%	0.9%	1.1%	4.7%	3.9%	4.0%

- \*1: D/E ratio: Debt (excluding IPP project finance) / Stockholders' Equity
- \*2: Includes early procurement of borrowings for FY2018 (92.1 billion yen) D/E Ratio 0.85 times (excluding early procurement of borrowings)
- \*3: Includes early procurement of borrowings for FY2019 (62.1 billion yen) D/E Ratio 1.10 times (excluding early procurement of borrowings)
- \*4: Includes early procurement of borrowings for FY2020 (186.2 billion yen) D/E Ratio 0.84 times (excluding early procurement of borrowings)
- \*5: Includes early procurement of borrowings for FY2021 (101.1 billion yen) D/E Ratio 0.68 times (excluding early procurement of borrowings)

- \*6: ROS: Ordinary Income / Net Sales
- \*7: ROA: Ordinary Income / Total Assets
- \*8: ROE: Net Income Attributable to Owners of the Parent / Stockholders' Equity
- \*9: ROIC: After-Tax Operating Income / Invested Capital

		FY2021	. Actual		FY2022 Forecast (Previous)	ecast FY2022 Forecast (Current)			
	1Q	1H	2H	Full Year	Full Year	1Q	2-4Q	Full Year	
1 U.S. dollar to yen	109.5	109.8	115.0	112.4	120.0	129.6	135.0	133.7	
1 Chinese yuan to yen	17.0	17.0	18.0	17.5	19.0	19.6	19.0	19.2	
1 Euro to yen	132.0	130.9	130.2	130.6	135.0	138.1	135.0	135.8	

Analysis of exchange rate sensitivity

Impact of the 1 yen depreciation against the U.S. dollar on future business performance (FY2022 2-4Q)

Steel products: approx. (0.6) billion yen

(Impact of dollar balance: (1.6) billion yen, inventory valuation, cost pass-through to sales price, etc.: +a

billion yen)

Construction machinery: approx. +0.3 billion yen

Impact of the 1 yen depreciation against the Euro on future business performance (FY2022 2-4Q)

Construction machinery: +0.3 billion yen



### **External Evaluations (not exhaustive)**

◆ FTSE4Good Index Series (From Jun. 2021)



**♦ MSCI JAPAN ESG SELECT LEADERS INDEX\*** (From Jul. 2022)

**2022** CONSTITUENT MSCI JAPAN ESG SELECT LEADERS INDEX

**♦FTSE Blossom Japan Sector Relative Index** (From Apr. 2022)



**FTSE Blossom Japan Sector** Relative Index

CDP (From Dec. 2020)



Awarded "A-" in the climate change and water security categories

**♦ FTSE Blossom Japan Index** (From Jun. 2021)



FTSE Blossom Japan

**♦ Platinum Kurumin** Certification (From 2019)



<sup>\*</sup>THE INCLUSION OF KOBE STEEL, LTD. IN ANY MSCI INDEX, AND THE USE OF MSCI LOGOS, TRADEMARKS, SERVICE MARKS OR INDEX NAMES HEREIN, DO NOT CONSTITUTE A SPONSORSHIP, ENDORSEMENT OR PROMOTION OF KOBE STEEL, LTD. BY MSCI OR ANY OF ITS AFFILIATES. THE MSCI INDEXES ARE THE EXCLUSIVE PROPERTY OF MSCI. MSCI AND THE MSCI INDEX NAMES AND LOGOS ARE TRADEMARKS OR SERVICE MARKS OF MSCI. OR ITS AFFILIATES.

### KOBELCO Group's Corporate Philosophy

#### KOBELCO's View of the **Future**

Our view of a society and future to be attained as we carry out KOBELCO's mission

We envision a world in which people, now and in the future, can fulfill their hopes and dreams while enjoying safe, secure, and prosperous lives.

#### KOBELCO's Mission

Our mission and the social significance of the KOBELCO Group that we must fulfill

Our mission is to provide solutions to the needs of society, by making the best use of the talents of our employees and our technologies.

#### Core Values of **KOBELCO**

The commitments of the KOBELCO Group to society and the values shared by the entire KOBELCO Group

- 1. We provide technologies, products and services that win the trust and confidence of our customers we serve and the society in which we live.
- 2. We value, and support the growth of, each employee on an individual basis, while creating a cooperative and harmonious environment.
- 3. Through continuous and innovative changes, we create new values for the society of which we are a member.

#### Six Pledges of **KOBELCO**

Code of Conduct for all Group employees to follow to fulfill the Core Values of KOBELCO and the Quality Charter

- 1. Uphold the Highest Sense of Ethics and Professionalism
- 2. Contribute to the Society by Providing Superior Products and Services Quality Charter
- 3. Establish a Comfortable but Challenging Work Environment
- 4. Live in Harmony with the Local Community
- 5. Contribute to a Sustainable Environment
- 6. Respect Each Stakeholder



## Cautionary Statement

- Certain statements in this presentation contain forward-looking statements concerning forecasts, assertions, prospects, intentions and strategies. The decisions and assumptions leading to these statements are based on information currently available to Kobe Steel. Due to possible changes in decisions and assumptions, future business operation, and internal and external conditions, actual results may differ materially from the projected forward-looking statements. Kobe Steel is not obligated to revise the forward-looking contents of this presentation.
- Uncertain and variable factors include, but are not limited to:
  - Changes in economic outlook, demand and market conditions
  - Political situation and trade and other regulations
  - Changes in currency exchange rates
  - Availability and market conditions of raw materials
  - Products and services of competing companies, pricing policy, alliances, and business development including M&As
  - Strategy changes of alliance partners