

First Copper Technology Co., Ltd.

2023 Institutional Investor Conference

November 17, 2023



FIRST COPPER TECHNOLOGY CO., LTD



Disclaimer

- ◆ **The presentation of information in this briefing is based on the Company's assumption of future operations that are forward-looking and is subject to risks and uncertainties and the results of actual operations may differ materially from those of the above-mentioned forward-looking statements.**
- ◆ **Except as required by law, the Company undertakes no obligation to update any forward-looking statements, whether as a result of new information, future events or otherwise.**



Agenda

- ◆ Income Statement ----- P4
- ◆ Products Category ----- P5
- ◆ Global Copper Market ----- P6
- ◆ Sales Market Information ----- P7~11

Statements of Comprehensive Income - YoY: 9 Months

Item	2023		2022		Change %
	Q1~Q3	%	Q1~Q3	%	
Operating revenues	1,922,799	100	2,277,146	100	(16)
Gross profit(loss)	(23,011)	(1)	(69,106)	(3)	(67)
Operating income(loss)	(65,291)	(3)	(116,601)	(5)	(44)
Non-operating income & expenses	83,194	4	290,462	13	(71)
Profit before income tax	17,903	1	173,861	8	(90)
Income tax expense					
Profit	17,903	1	173,861	8	(90)
Basic earnings per share(NT\$)	0.05		0.48		

Unit : NT\$' 000

Product Category

一、Classification

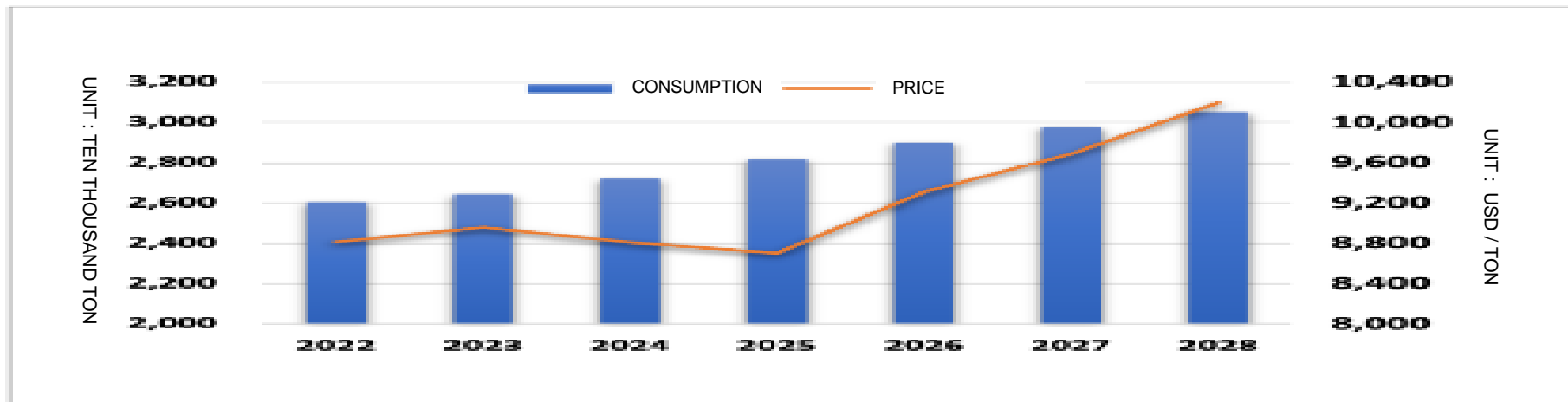
1. Copper alloy strip and hot rolling plate.
2. Copper alloy plating material.
3. Military materials strip, plate disk and stamping.

二、Various Series of Copper Alloy

1. Copper : C1010/C1020/C1100/C1201/C1220.
2. Cu-Zn alloy : C2801/C2680/C2600/C2300/C2400/C2200/C2100.
3. Cu-Fe alloy : C194/C19210.
4. Cu-Sn alloy : C5240/C5210/C5191/C5050/C1441/C14415.
5. Cu-Zr alloy : C151.
6. Cu- Ni-Si alloy : C7025/C7026/C1901.
7. Cu-Cr-Zr alloy : C18140.
8. Cu-Fe-Sn alloy : C50715.
9. Cu-Fe-Ni alloy : C50710.
10. Cu-Zn-Sn alloy : C4250.

Global Copper Market

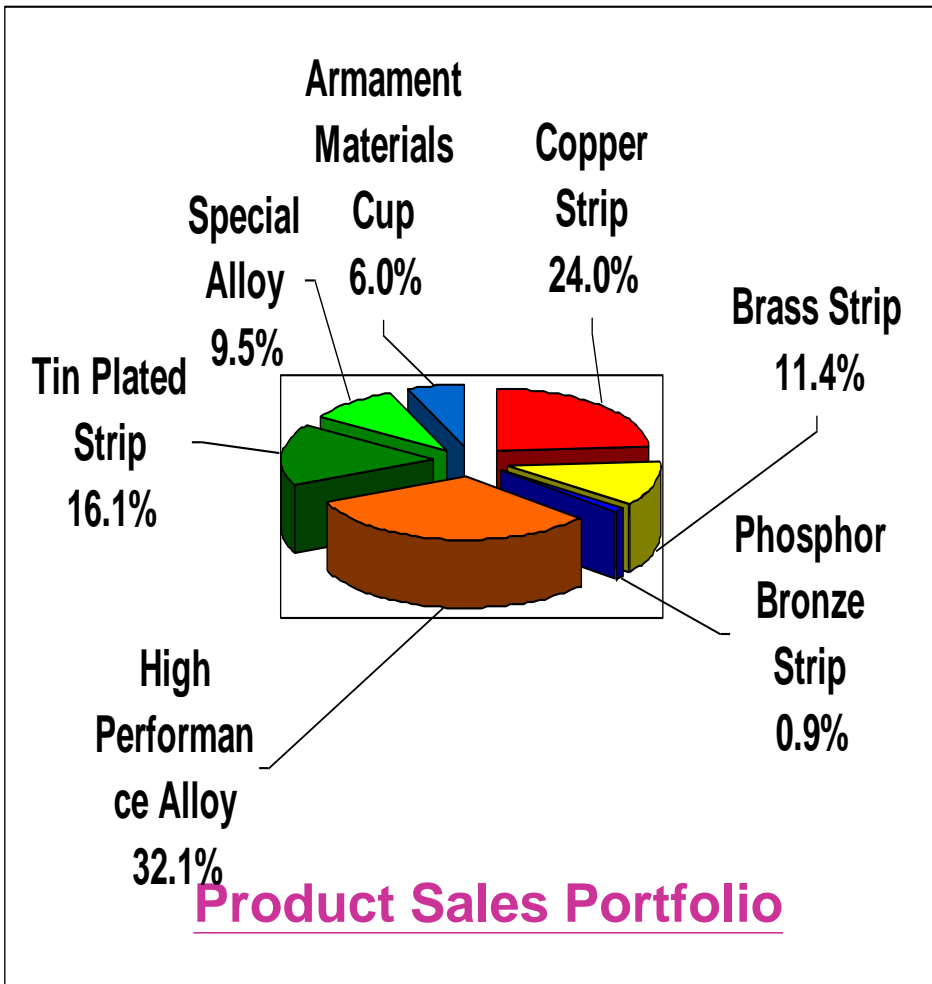
Global copper market demand / Price estimate / Supply and demand gap.



1. Copper is used for wire cable, construction, EVs, solar panels, green technologies transition of Grid settings. Supply shortage will happen in the next 10 years.
2. Copper demand is 2600 million ton in 2022, 3100 million ton in 2028, and is expected to grow to 3660 million ton in 2031, 40.8% increase.
3. Copper mine and copper concentrate production increase 2% yearly during 2023 to 2028. Copper mine production estimate at 2425 million ton, and copper concentrate at 2850 million ton. Compare to the demand of copper concentrate is 3050, there will be an obvious shortage.
4. The shortage of copper concentrate sources due to lack of new copper mine and the content of copper decreased from current developed mine, and the environmental pressure from local communities cause copper price being bullish.

Sales Market Information

— Sales portfolio of main product

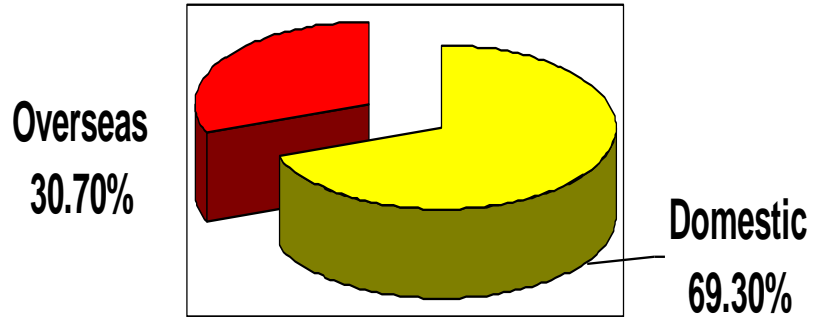


Item	Product	Proportion (%)
1	Copper Strip	24.0
2	Brass Strip	11.4
3	Phosphor Bronze Strip	0.9
4	High Performance Alloy	32.1
5	Tin Plated Strip	16.1
6	Special Alloy	9.5
7	Armament Materials Cup	6.0
8	Total	100

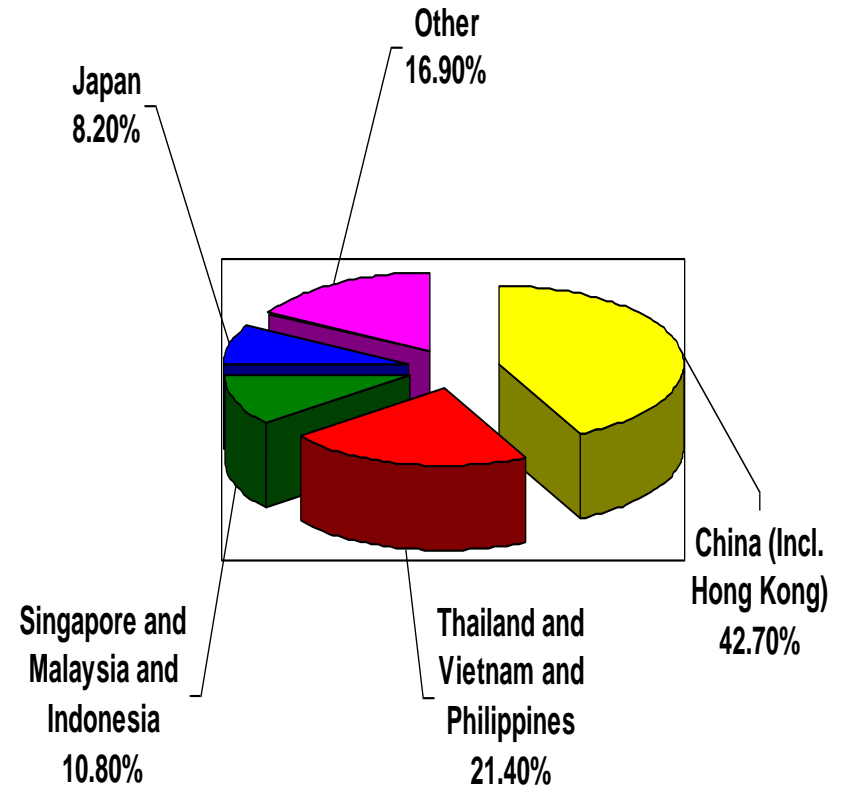


二、 Sales Distribution

Domestic / Overseas



Distribution of Sales Countries



三、Application Trend For Main Products

5G Industry	Communication station	C19210、C1020
	Heat sink for smart phone	C1814、C5191
	Connector for smart phone	C1814、C7025、C14415
Fuel car and EV car	Connector / Terminal	C194、C19210、C4250、C1100、C2600、C7025、C1901、C5191
	Automotive electronic	C194、C19210、C7025、C151
	Accumulator	C1020、C1100
	Car charging pile	C1100、C1814
Semiconductor	IC (Integrated circuit)	C194、C7025
	Discrete	C194、C19210
	LED	C194、C19210
Electrical tools	Accumulator	C1100、C50715、C50710
Consumption electronic	3C product /Breaker	C2680、C5191、C5210
Heat sink	CPU	C1100、C1020、C151、C1814

四、 Production and marketing combine with market development policy.

Making appropriate adjustment with market demand and industry chain change. World factory used to be China, now gradually shift to South Asia, India and South America because of regional politics.

Explanation as following :

- ◆ **Semiconductor products** : Focus on regular clients in Taiwan, increasing products of thinning, etching automotive semiconductor. Reducing low-end 3C production line. Mainly based on automotive used of LED product.



- ◆ **Tin plated products** : Divided by different purposes into two major parts, automotive-used and electrical tools. Electric Vehicle connector and terminal products maintain same strategy, increasing capacity for market demand and keep developing towards advanced product. Electrical tool focus on battery included connector in China market and new add Vietnam market.
- ◆ **Heat Sink Products** : Cooperate with well-known domestic and foreign manufacturers by customization, and researching variety manufacturing process for enhancing quality and yield rate in thick strip, thin strip, stamping and etching.
- ◆ **Armament Materials** : Brass cup supply 5.56mm and 7.62mm Gun now. Add more types(models) of brass cup and strip to meet market increased demand.