

March 5th, 2024

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# Announcement of Release of Video and Transcript of Financial Results Briefing for the Fiscal Year Ending December 2023

RS Technologies has released the following archived video and transcript of its fiscal year ending December 2023 financial results briefing held on February 27, 2024. At this briefing session, our company Representative Director and President Nagayoshi Ho explained the financial results summary for the fiscal year ending December 2023, the business forecast for the fiscal year ending December 2024, and the medium-term management plan.

#### 1. Account Summary of the meeting

Day and Time:
February 27,2024
Speaker:
Nagayoshi Ho, Pros

Nagayoshi Ho, President and Chief Executive Officer Satoru Endo, Director Susumu Saito, Corporate Officer

#### 2. Source

Archived Video:

https://www.irmovie.jp/nir2/?conts=rs-tec 202402 bW2e

Financial Results (English):

https://contents.xj-

<u>storage.jp/xcontents/AS02916/f053a8d2/a8d9/4b7b/92e3/bee3912a8d8b/140120240216</u> 538951.pdf

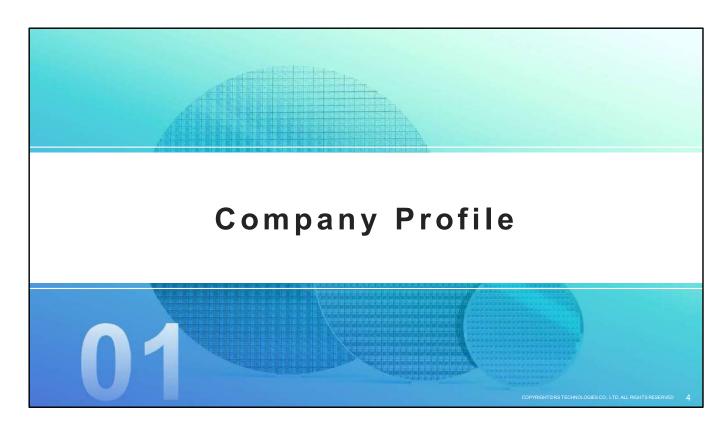


Good morning, I am Satoru Endo. Thank you for attending our financial results briefing today. I would like to begin my presentation now.

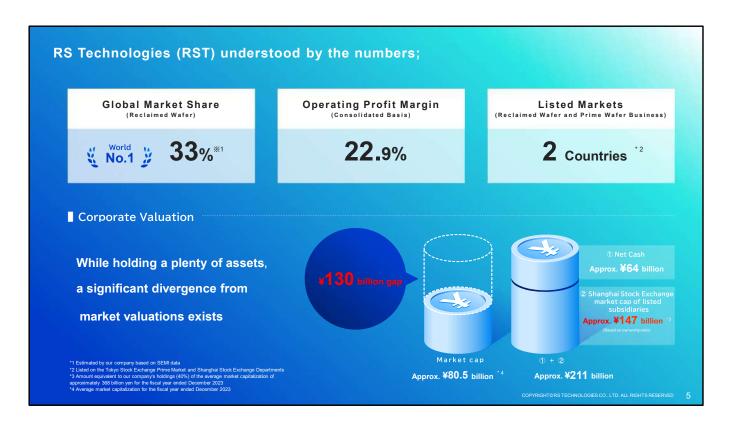
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Now, I would like to proceed my presentation based on the content of the Financial Results; Company Profile, Financial Summary and Medium-Term Management Plan and New Business.

At the end of my presentation, there are some reference data, which I would like you to review when you have time.



Now, let me start with an overview of our company.



This page is an introduction to RS Technologies in numbers.

We show three outstanding numbers which help you understand who RS Technologies is.

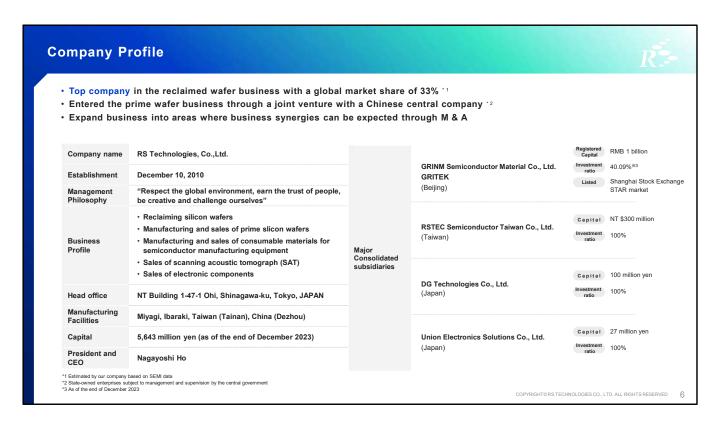
The first number is 33%. This number shows RS Technologies' global market share of the reclaimed wafer business. We are recognized as top market share in the industry.

The second number is 22.9%. The number shows the operating income margin on a consolidated financial results 2023.

The operating income margin of the reclaimed wafer business exceeds 40%, and we are building a foundation for a highly profitable structure even on a consolidated financial results.

The third number is 2 countries. This indicates that RS Technologies is listed on the Tokyo Stock Exchange Prime Market and our subsidiary, Gritek,is listed on the Shanghai Stock Exchange STAR market in China. It is very rare for a Japanese listed company to have a subsidiary listed on the Shanghai market, and we believe that this track record will help us gain trust both domestically and internationally.

And now, let me talk about the corporate valuation. Our market capitalization averaged about 80.5 billion yen in FY2023. In addition to the approximately 64 billion yen in net cash, we hold approximately 147.2 billion yen in shares of Gritek for a total of 211.2 billion yen. This indicates that there are about 130 billion yen gap in valuation. In order to fill this gap, we will strive to expand awareness of our company and to promote investors' understanding of our business through our business activities and investor relations.



From now, I will talk about what we do.

RS Technologies (RST) were established in December 2010 and started our reclaimed wafer business in Osaki City, Miyagi Prefecture, Japan.

In January 2018, RST also entered the prime wafer business as a joint venture with a state-owned Chinese research institute.

As of now, RST has five major consolidated subsidiaries and has expanded its business mainly in peripheral areas where synergies can be expected through M&A.



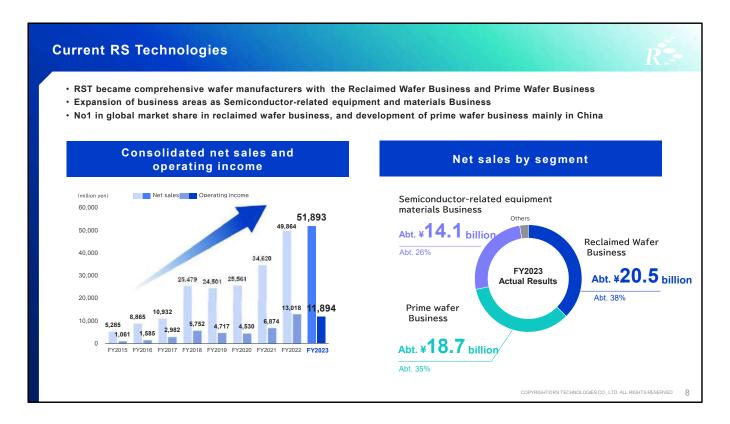
Here is our company history.

After five years from the establishment of our company, we were listed on the Tokyo Stock Exchange Mothers in March 2015 and in September 2016, we changed the market to the first section of the Tokyo Stock Exchange.

In November 2022, our consolidated subsidiary, Gritek, which conducts prime wafer business in China, was listed on the Shanghai Stock Exchange, START market.

In December 2023, we succeeded the electrolyte manufacturing business for vanadium redox flow batteries (VRFB) and entered the renewable energy business.

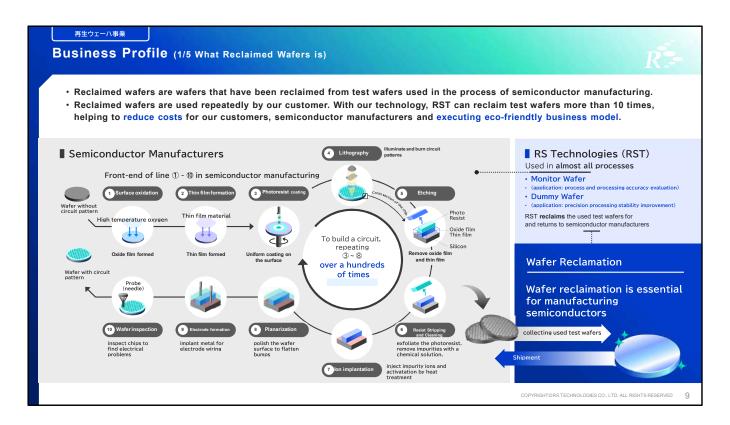
We will continue to expand our business globally, focusing on our M&A strategy.



Please take a look at the bar chart in the left side of the slide. Consolidated net sales for the fiscal year increased 4.1% year on year to about ¥51,8 billion. We were able to achieve solid growth in FY2023.

Meanwhile, the pie chart on the right side of the slide shows the current business structure of RS Technologies.

The consolidated sales structure accounts for approximately 38% in the reclaimed wafer business, about 35% in the prime wafer business, and about 26% in the semiconductor equipment and materials business.

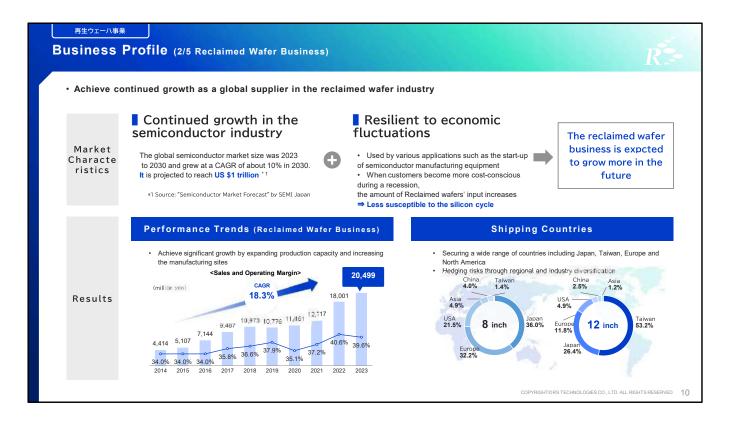


Now, let me briefly explain the reclaimed wafer business, which is our core business. RST receives a test wafers used in semiconductor manufacturing process and RS stripped off the films of the surface of wafer returned from our customers and reclaim the wafer as a new test wafer so that the customer can re-use repeatedly.

Test wafers are used in almost all processes, such as evaluating process and accuracy of semiconductor equipment, and improving the stability of precision machining. Therefore, test wafers are indispensable for semiconductor manufacturing.

Another aspect is that reclaimed wafers contributes to reducing environmental impact and costs for semiconductor manufacturers.

Compared to other companies, our company's proprietary reclaimed technology can reclaim the wafers in larger numbers, which is one of our company's competitive advantages.



Now, let me touch on the reclaimed wafer market.

The semiconductor market is expected to grow at an annual average of about 10% and reach US \$1 trillion by 2030.

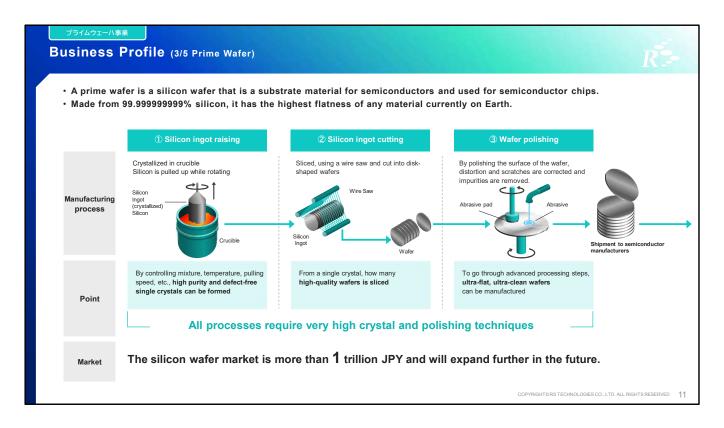
We believe that the reclaimed wafer business is expected to continue growing as well. In fact, the average annual growth rate of our company's reclaimed wafer business since 2013 has been 18.3%.

One of the characteristics of the reclaimed wafer market is that it is a stable business that is not fully affected by economic conditions.

During a recession, the number of reclaimed wafers that are cheaper than new test wafers increases, which is a boon for our company.

In addition, even during a recession, and demand for test wafers will not disappear as long as the production line will not stop operating.

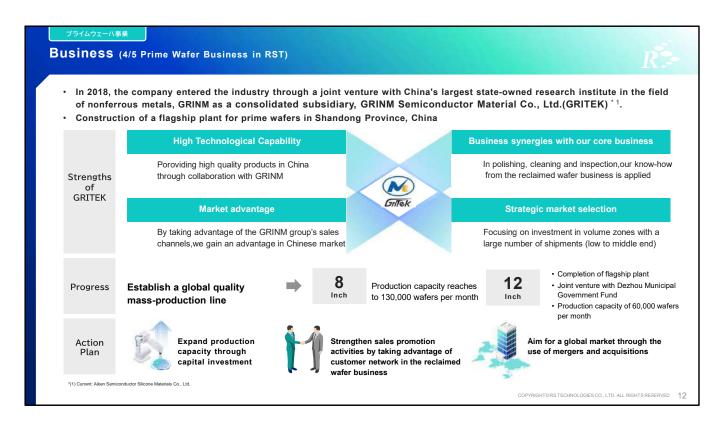
When new semiconductor manufacturing sites are built, test wafers are frequently used as equipment start-up testing. As a result, demand for reclaimed wafers also increases, which is a positive factor for our company.



Next, I will explain the prime wafer business.

Prime wafer is a silicon wafer that eventually becomes a substrate material for semiconductors.

It uses extremely high purity silicon and has the highest flatness of any material that exists on Earth today. Therefore, it requires extremely high technological capabilities.

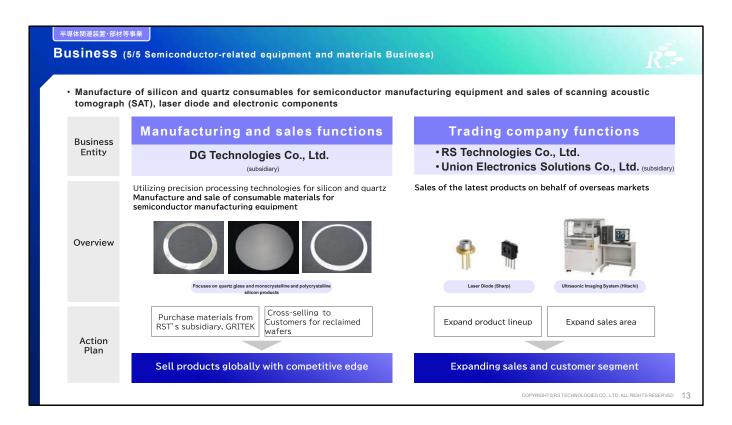


Our company's manufacturing plant is located in Dezhou, Shandong Province, China. In 2018, we established Gritek, a subsidiary through a joint venture with GRINM, a state-owned research institute in China.

As I mentioned earlier, the production of prime wafers requires a very high level of technical capability, so we took the technological capabilities and financial resources of the GRINM Group into consideration in order to manufacture high quality prime wafer.

Shandong Gritek is mass-producing 8-inch wafers mainly for power semiconductors. In 2020, we established SGRS as a joint venture with the Dezhou Municipal Government Fund to launch a mass-production and development line for 12 inch prime wafers.

We will continue to execute growth CAPEX and aim to increase market share by leveraging our sales network in the reclaimed wafer business.



Next, I will explain the semiconductor related equipment and materials business.

This business has two functions.

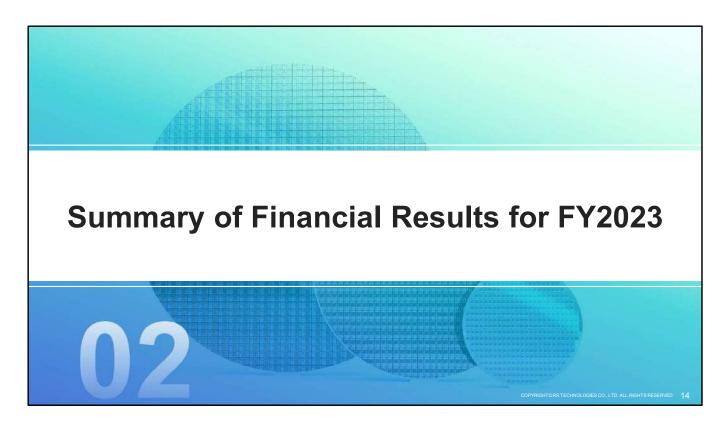
One is the manufacturing and sales function. One of our subsidiaries, DG Technologies Co., Ltd., manufactures and sells silicon and quartz parts that are consumable parts for semiconductor manufacturing equipment.

DG Technologies has two plants in Kurihara City, Miyagi Prefecture, and in Kamisu City, Ibaraki Prefecture.

The second is the trading function.

RS Technologies sells scanning acoustic tomography (SAT) made by Hitachi and laser diodes made by SHARP for instance. Its subsidiary, Union Electronics Solutions Inc sell electric device made by Hitachi, Renesas, NIDEC etc.

In addition to these, we also participate in a bulk purchase bidding event, for example, buying used semiconductor equipment due to line replacement at a semiconductor plant.



Next, I will explain the summary of financial results for the fiscal year ending December 2023.

# **Summary of Financial Results for FY2023**



• Despite the negative impact of the overall semiconductor market,
net sales, ordinary income, and net income attributable to owners of the parent increased and increased compared with the plan
(million ver)

	FY 2022	FY 2023 Plan	FY 2023	YoY	Compared to FY2023 Plan
Net Sales	49,864	50,800	51,893	+4.1%	+2.2%
Operating Income	13,018	13,100	11,894	△8.6%	△9.2%
Operating Margin	26.1%	25.8%	22.9%	∆3.2pt	<b>△2.9</b> pt
Ordinary Income	15,500	14,300	14,921	∆3.7%	+4.3%
Ordinary Margin	31.0%	28.2%	28.8%	<u></u> 2.2pt	+0.6pt
Net income attributable to owners of parent	7,739	7,400	7,703	△0.5%	+4.1%
EPS (JPY)	299.29	286.18	292.76	△2.2%	+2.3%

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Here is the summary of financial results for FY2023.

Net sales ended with 51,893 million yen and operating income reached 11,894 million yen,and ordinary income 14,921 million yen.

Net income attributable to the parent company became 7,703 million yen. Although there was a negative impact on the overall semiconductor market in 2023, sales, ordinary income, and net income attributable to owners of parent were higher than what we have targetted.

# FY 2023 (cumulative) Segment Trends



- Net sales and profit increased year-on-year in the reclaimed wafer business due to customer diversification, portfolio management and increased production through capital investment.
- · Net sales decreased year-on-year in the prime wafer business due to deterioration in overall semiconductor market.
- Sales remained strong in the semiconductor equipment and materials business due to enhanced sales capabilities and incorporation of new markets.

(millions of yen)

	Reclaimed Busin		Prime W Marketing B		Semicondo related Equ Materials B	iipment	Other Adju	stments	Total Conso	olidated
		YoY		YoY		YoY		YoY		YoY
Net Sales	20,499	+13.9%	18,736	△17.7%	14,057	+24.8%	△1,399	-	51,893	4.1%
Operating Income	8,114	+11.0%	3,742	△37.6%	882	∆3.5%	△844	-	11,894	△8.6%
Operating Margin	39.6%	△1.0pt	20.0%	∆6.3pt	6.3%	∆1.8pt	-	-	22.9%	∆3.2pt

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This graph shows results for each segment in FY 2023.

In the reclaimed wafer business, net sales increased 13.9% year on year and operating income increased 11% due to capital investment as planned and efforts to increase production capacity.

In the prime wafer business, net sales decreased year on year due to adverse market conditions

In the semiconductor related equipment and materials business, net sales remained strong due to enhanced sales capabilities and the incorporation of new markets.

# Financial Results for the Fourth Quarter of FY 2023 (October - December)



·In the fourth quarter, the overall performance was weak due to the deterioration of the semiconductor market.

(million yen)

	FY 2022 4Q	FY 2023 4Q	Year-on-Year	Difference
Net Sales	12,231	12,423	+1.6%	+192
Operating Income	3,239	2,317	△28.5%	△922
Operating Margin	26.4%	18.7%		△7.7pt
Ordinary Income	3,230	2,904	△10.1%	△326
Ordinary Margin	26.4%	23.4%		△3.0pt
Net income attributable to owners of parent	1,949	1,737	△10.9%	△212
EPS (JPY)	¥75.38	¥65.94	△12.4%	∆9.36 yen

This is the summary of the financial results for the fourth quarter. Net sales increased slightly year-on-year to 12,423 million yen. I will explain the breakdown by segment on the next page.

## Fourth Quarter (October - December) FY2023 Segment Trends



- Net sales and profit increased year-on-year in the Reclaimed Wafer Business due to increasing customer awareness of cost reduction and increased production resulting from capital investment
- · Net sales decreased year-on-year in the Prime Wafer Business due to adverse market conditions
- Net sales in the Semiconductor-related equipment & materials Business remained strong due to enhanced sales capabilities and entering into new markets

(million yen)

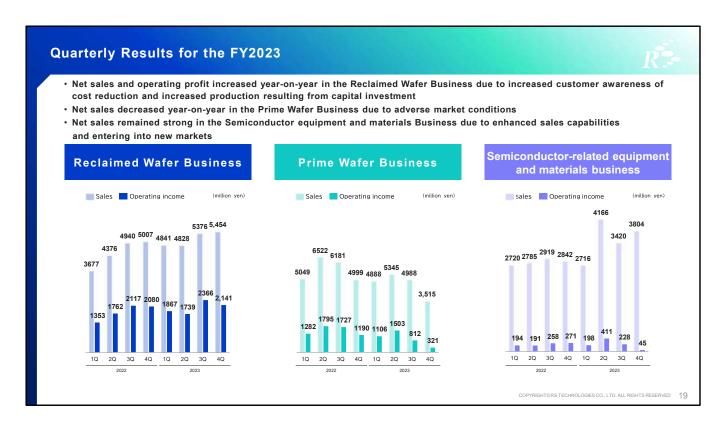
	Reclaimed Waf	er Business	Prime W Marketing E		Semiconductor Materials B		Other adjust	ments	Consolidate	ed total
		YoY		YoY		YoY		YoY		YoY
Sales	5,454	+8.9%	3,515	△29.7%	3,804	+33.8%	△350	-	12,423	+1.6%
Operating Income	2,141	+2.9%	321	△73.0%	45	△83.4%	△189	-	2,318	△28.4%
Operating Margin	39.3%	∆2.2pt	9.1%	△14.7pt	1.2%	∆8.3pt	-	-	18.7%	∆7.7pt

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Now, this page shows results by each business segment for fourth quarter.

Sales of reclaimed wafers were strong at 5,454 million yen.

Sales of prime wafers decreased to 3,515 million yen due to adverse market conditions. Sales of semiconductor-related equipment and materials business increased to 3,804 million yen and strengthening sales capacity led to the increase of the sales.



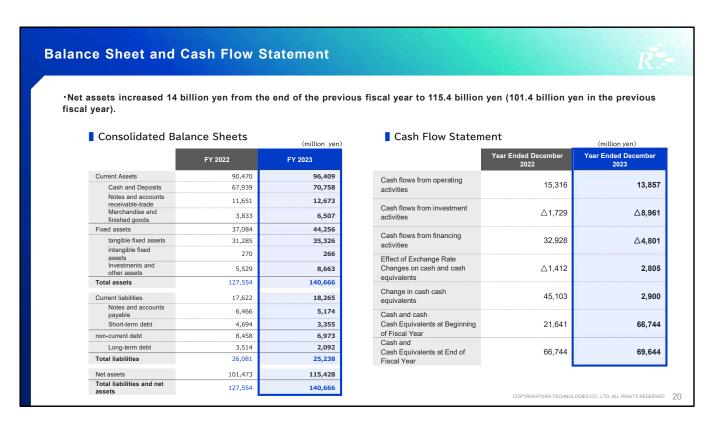
Here is quarterly performance chart by business segment for the previous and current periods.

The reclaimed wafer business continued to perform well due to capital investment and increased demand for reclaimed wafers. As a result, we maintained a high operating margin.

In the prime wafer business, sales and profits decreased year-on-year. In the second and third quarters of the previous year, sales increased due to the special demand for ingots.

Meanwhile, the demand, orders remained stable due to the balance of inventory adjustments by customers. The number of prime wafer shipments remained steady.

In the semiconductor related equipment and materials business, sales increased mainly due to the development of new customers for Sharp laser diodes.



The next is about balance sheet and cash flows.

Net assets increased by 14 billion yen from 101.4 billion yen to 115.4 billion yen.



Now, let me explain our medium-term management plan.

## Overview of the Medium-Term Management Plan (2024-2026) (Base Plan)



- > While a strong sense of stagnation in the semiconductor market will be still remained in the first half of 2024, sales are expected to exceed 2023 as the recovery trend is expected from the second half of the year.
- ·In the reclaimed wafer business, capital investments at 3 sites in Japan, Taiwan, and China to increase production capacity will be
- ·In the prime wafer business, capital investments to increase our market share at 8 inches and 12 inches in China will be executed.
- ·In the semiconductor equipment and materials business, entering into new markets and acquiring new customers.

## Base Plan\*1

\*1. Medium-term management plan for three existing businesses (Reclaimed Wafer Business, Prime Wafer Business, and Semiconductor Equipment and Materials Business)

(Million Yen)	FY2023	FY2024	FY2025	FY 2026
(Philliott Tett)	(Actual)			
Net Sales	51,893	54,900	59,300	64,100
growth rate		106%	108%	108%
Operating Income	11,894	14,000	15,330	16,830
%	22.9%	25.5%	25.9%	26.3%
Ordinary Income	14,921	15,400	16,730	18,230
%	28.8%	28.1%	28.2%	28.4%
Net Income	7,703	7,600	8,200	8,800

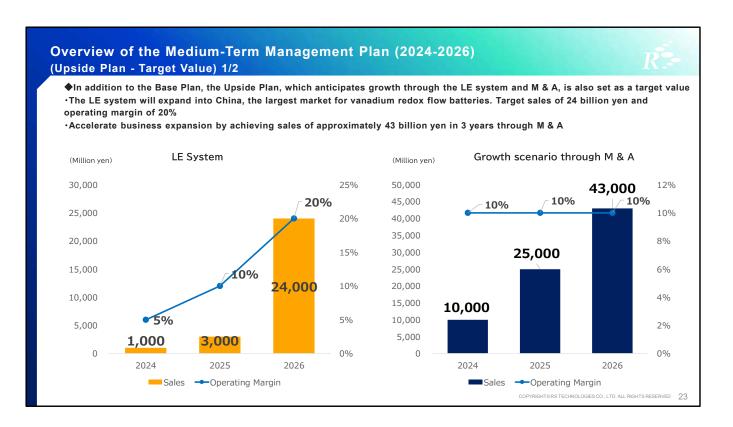
This is an overview of the "Base Plan".

For the reclaimed wafer business, we will continue to make capital investments at our three plants in Japan, Taiwan, and China to increase production capacity.

For the prime wafer business, we will continue to make capital investments to increase our market share in China at 8 inches and 12 inches.

For the semiconductor equipment and materials business, we will conduct sales activities to develop new markets and attract new customers.

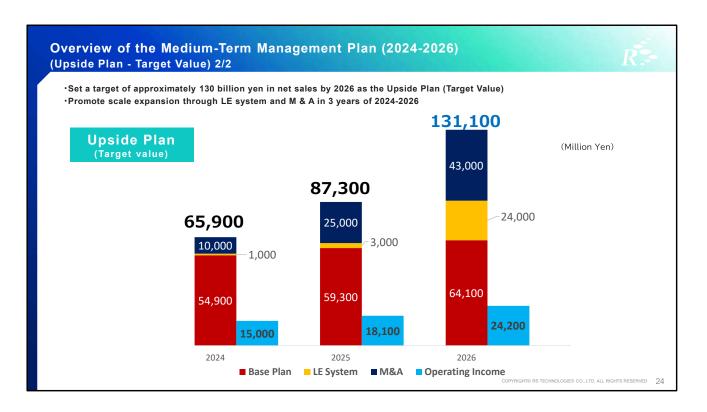
We aim to achieve stable growth through these measures and aim for net sales of 64.1 billion yen and net income of 8.8 billion yen in the final fiscal year ending December 2026.



In addition to the Base Plan which I previously explained, we have also set an "Upside Plan" that adds sales through the LE system and M & A.

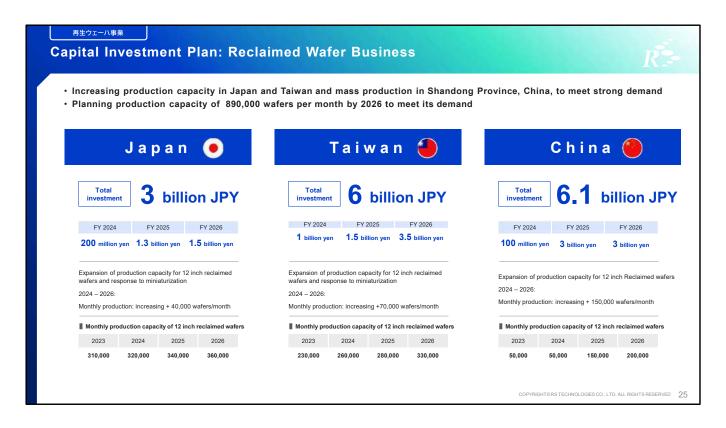
The LE system aims to expand into China, the largest market for vanadium redox flow batteries, with a target of 24 billion yen in sales and an operating margin of 20% in 3 years.

We also plan to accelerate our business expansion by executing M&A in 3 years and we are targeting 43 billion yen sales increase by M&A by 2026.



The bar chart in red shows the "Base Plan", and the yellow means sales by LE System and the color of navy shows sales by M&A. Again, the "Upside Plan" is the plan which include sales amount of LE System and potential M&A along with the "Base Plan".

In total, we have set a target of about 130 billion yen in sales by 2026 as "Upside Plan".



I would like to explain our capital investment plan for the reclaimed wafer business.

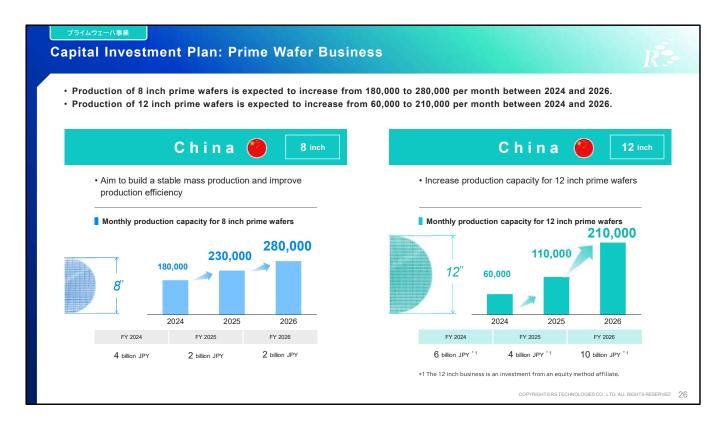
In Japan, between 2024 and 2026,

We will invest a total of 3 billion yen to increase production capacity by 40,000 units per month by 2026.

In Taiwan, between 2024 and 2026,

We will invest a total of 6 billion yen to increase production capacity by 70,000 units per month by 2026.

In China, a total of 6.1 billion yen will be invested to increase production by 150,000 units per month by 2026.



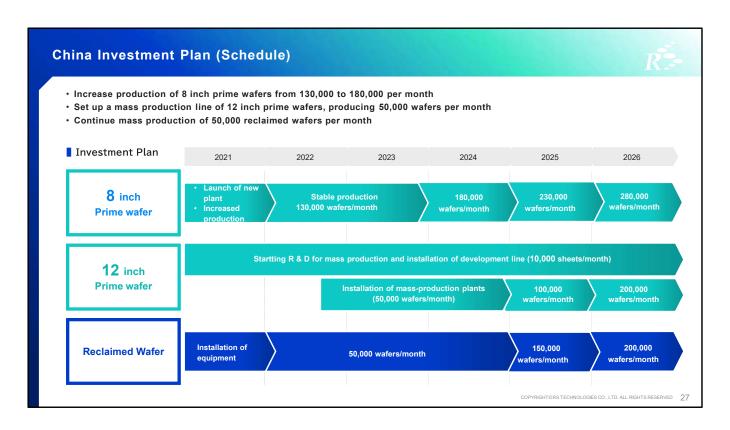
I would like to explain our capital investment plan for the prime wafer business.

With regards to investment in the 8-inch wafer business, we plan to invest 4 billion yen in 2024 and 2 billion yen each in 2025 and 2026, aiming to increase production by 100,000 wafers per month.

Regarding investment in the 12 inch wafer business,

we plan to invest 6 billion yen in 2024, 4 billion yen in 2025, and 10 billion yen in 2026, aiming to increase production by 150,000 wafers per month.

The 12 inch prime wafer business is an investment from an equity-method affiliate. We intend to make timely and accurate decisions regarding future investments in both businesses, while monitoring the situation.



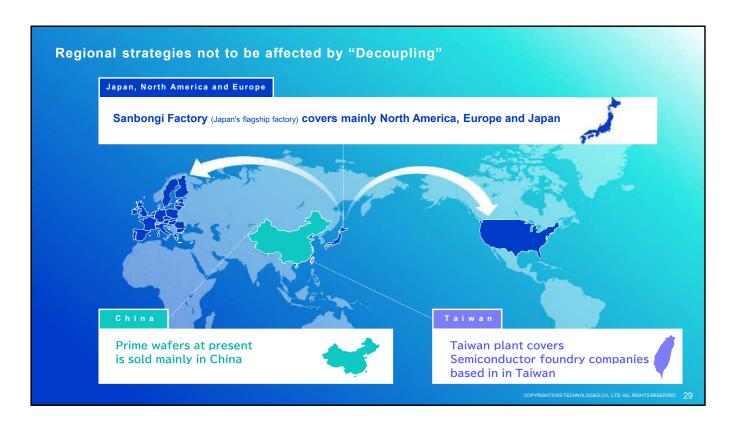
Our investment plan in China is proceeding as planned.

When it comes to reclaimed wafers in China, we aim to expand the mass production from 2022 to 150,000 wafers per month in 2025 and 200,000 wafers per month in 2026.



This map shows a new plant for 12 inch semiconductors based on the information currently available.

There are plans to build 9 new plant in Japan and 47 overseas. As the demand for reclaimed wafer increase, we will make capital investments in a timely basis.



This map shows our regional strategy.

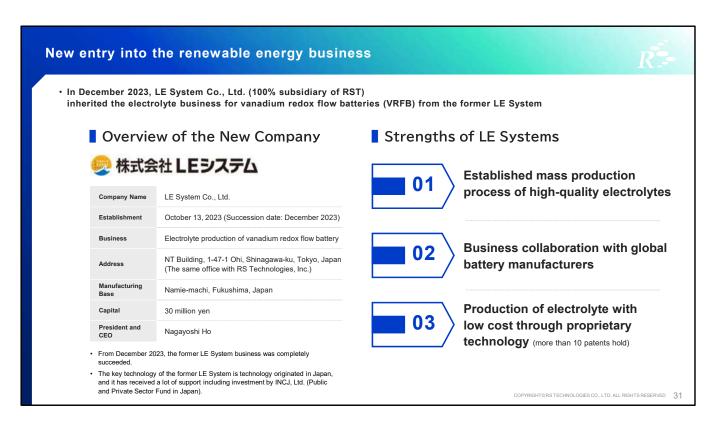
RST has a regional strategy that is not affected by decoupling. For customers mainly in North America, Europe, and Japan, we offer reclaimed wafer through Sanbongi plant in Japan while the Taiwan plant covers customers based in Taiwan.

Prime wafers are produced in factories in China at the moment. As of now, our customers are predominantly in China.

Therefore, even if the U.S.-China trade friction deepens, the impact on our business and customers will be minimal.



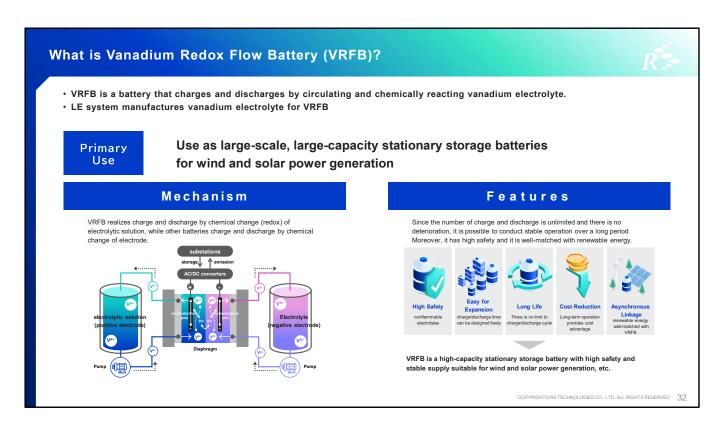
Now, let me talk about the LE system which started in December 2023.



LE Systems is a company with technology related to storage batteries. This battery belongs to the field of vanadium redox flow batteries, and LE System manufactures its key materials.

The key technology that LE Systems owns is originated in Japan, and LE Systems used to receive a lot of support, including investment from INCJ, Inc, .

However, due to the delay in market start-up, old LE Systems needed more support. Then, RST was singled out as a company to further grow LS Systems' business. After evaluating its technology and market, we decided to join this new market.



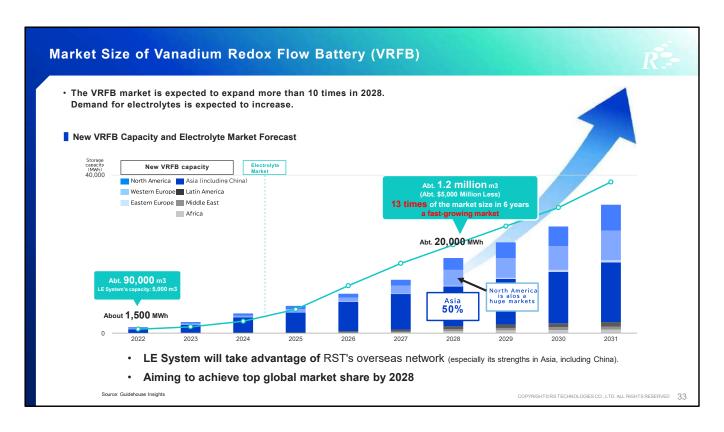
Now, let me explain what vanadium redox flow battery is.

It is a battery that charges and discharges by circulating and chemically reacting vanadium electrolyte.

LE Systems manufactures and supplies this vanadium electrolyte.

This product requires high safety and stable supply.

It is mainly used for large-scale, large-capacity stationary storage batteries such as wind power generation and solar power generation.



Regarding the market trend of vanadium redox flow battery, the market size is expected to expand to 10 times more than the current size in 2028. In particular, as shown in the bar chart, demand in the Asian region including China is expected to expand. Taking advantage of our company's overseas network, especially, in Chinese market, we aim to gain global market share.

## RST's Intent to incorporate LE system and LE System's growth strategy



·LE system, established in October 2023, manufactures electrolytes for vanadium redox flow batteries (VRFB).

·In 2024, LE Sytem began sales activities globally to expand their business .

#### Intent to incorporate LE System

- "Revitalization" has been a key word for RST's business growth since the establishement of RST
- LE System owns the business model which conforms to RST's "Revitalization" and is expected to grow in the future
  - 1) Expect rapid growth in the renewable energy sector
  - 2) Possess technology to produce vanadium electrolyte by recycling residues generated at oil plnats
  - 3) Electrolyte itself can be reclaimed

#### Future Growth Strategy

- China has adopted VRFB as its national policy next to lithium-ion batteries, and China will become its largest market.
- Leverage the cost competitiveness of the LE system's proprietary technology and RST's business base in China to achieve the top share of the VRFB market in China.
- Continue to invest in Japan as a research and development base
- Establish a system capable of mass production in Japan when the need for large-capacity stationary storage batteries grows in Japan

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Finally, I would like to tell you our intention to incorporate the LE systems and our future growth strategy.

"Reclaimed", "Renewable", and "Revitalized" have been a key word in our company's business growth since its founding.

We believe that LE Systems' renewable energy business matches the key word that we can expect future business growth.

We will go into the large market which is China while our research and development base in Japan and aim to gain market share globally.

That concludes my presentation.

Thank you very much for your attention.