

20231016

Investor Conference



SHIEH YIH MACHINERY INDUSTRY CO., LTD.

Disclaimer

- The following pages contain projections estimates of the market and product developments for future periods. These projections & estimates are based on information currently available which we believe to be reliable, but they involve risks and uncertainties. Our actual results of operation and financial condition may differ significantly from those contained in the projections & estimates.
- These projections estimates should not be interpreted as legally binding commitments.

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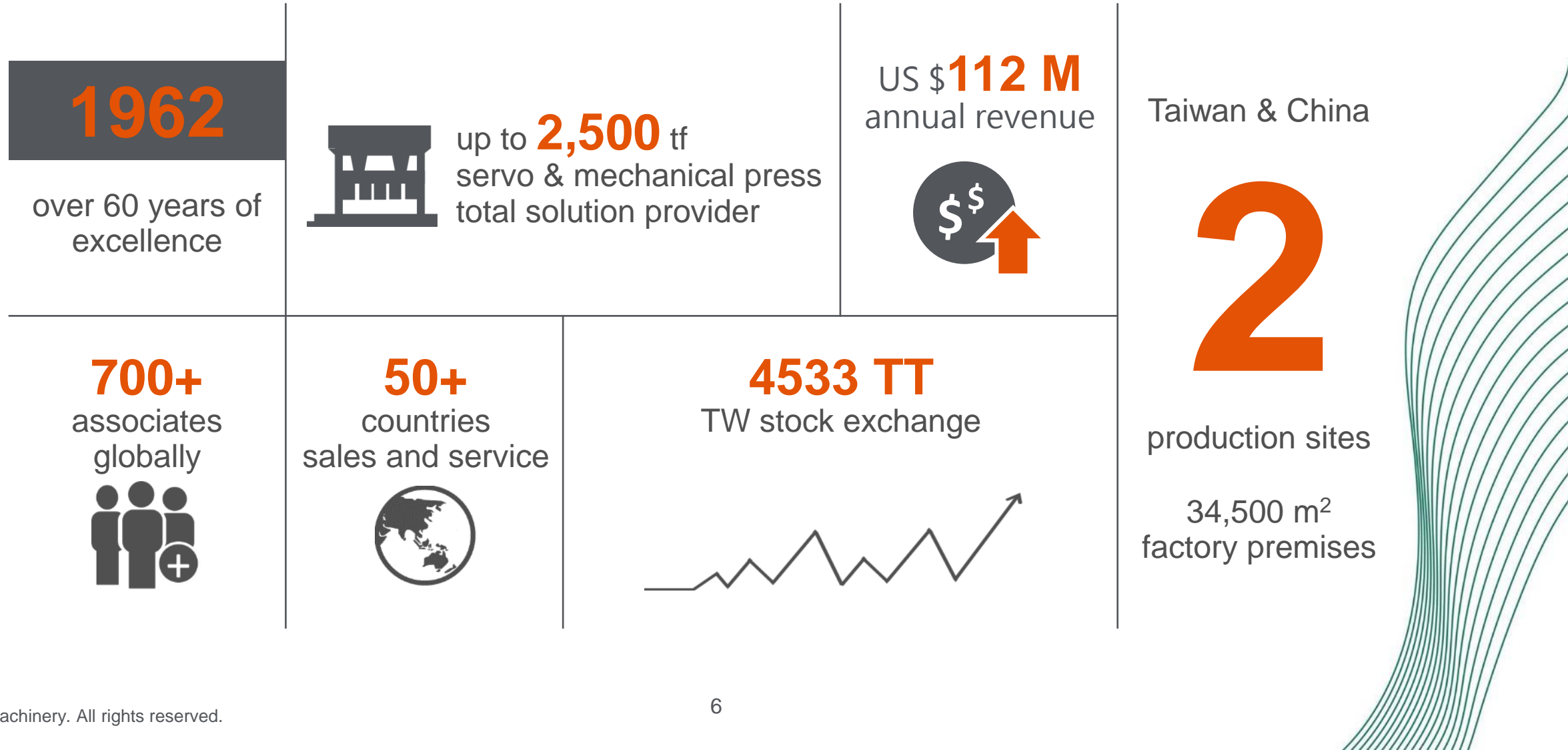
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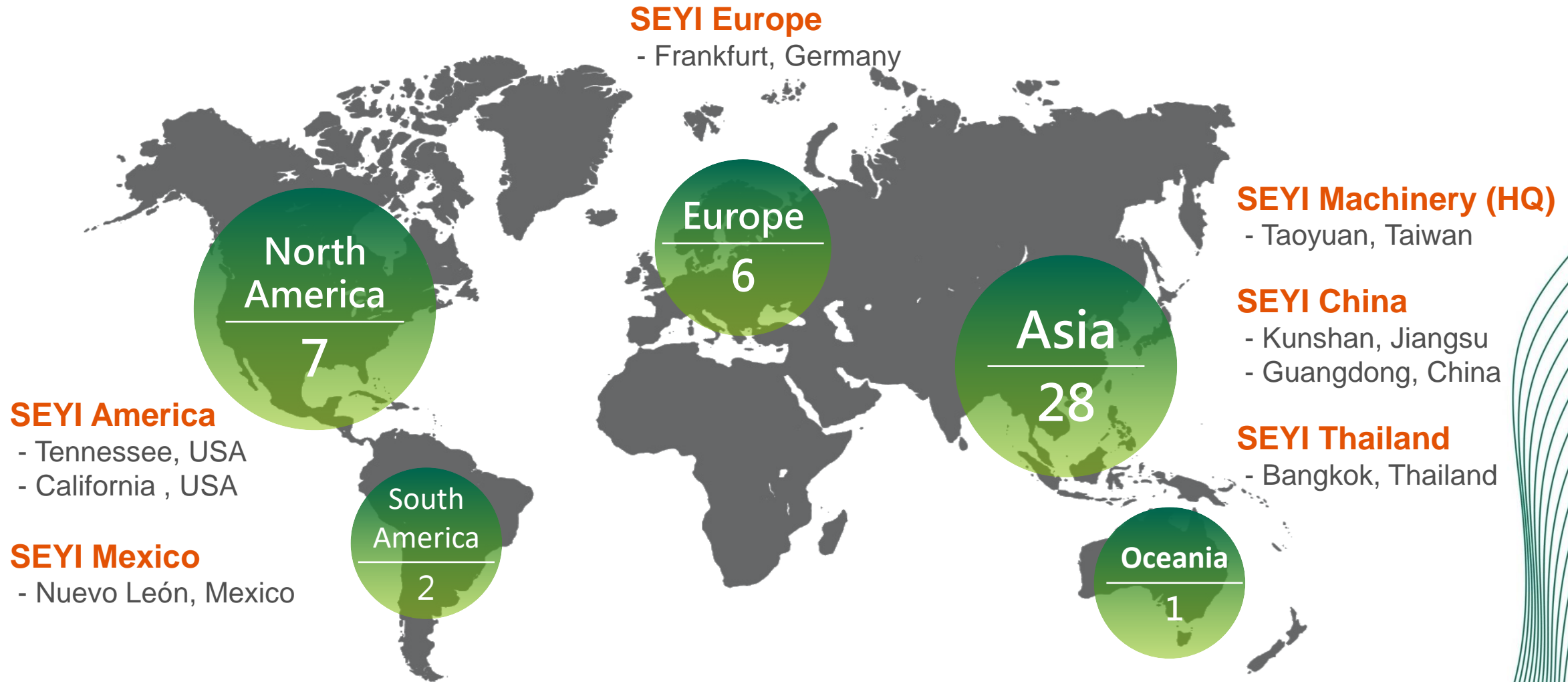
伺服沖床的智慧應用案例

Company Profile

SEYI at a Glance



Worldwide Sales & Service Network



Main Markets



Product Family

Application

- Smart Stamping Solution
- Servo Technology
- Hot Stamping
- Tandem Line
- Blanking Line
- Transfer Press
- Progressive Die
- Heavy Stamping



**C Frame &
Solid Frame
Mechanical
Press**



**Special
Application
Press**



Servo Press



**Straight Side
Mechanical
Press**



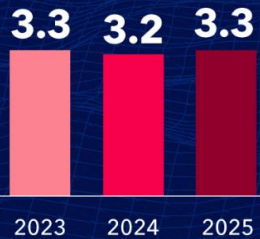
**Link Mechanical
Press**

Market Outlook

Global Economy Outlook

WORLD ECONOMIC OUTLOOK UPDATE JULY 2024 GROWTH PROJECTIONS (REAL GDP GROWTH, PERCENT CHANGE)

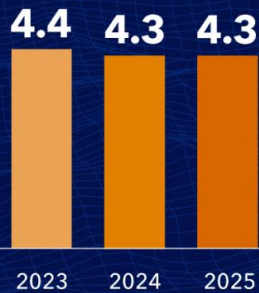
GLOBAL ECONOMY



ADVANCED ECONOMIES

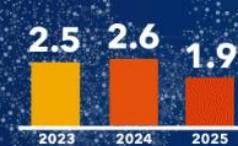


EMERGING MARKET & DEVELOPING ECONOMIES



INTERNATIONAL MONETARY FUND

UNITED STATES



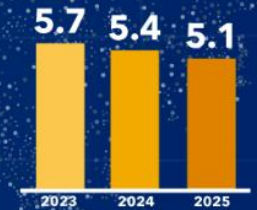
EURO AREA



MIDDLE EAST AND CENTRAL ASIA



EMERGING AND DEVELOPING ASIA



LATIN AMERICA AND THE CARIBBEAN



SUB-SAHARAN AFRICA

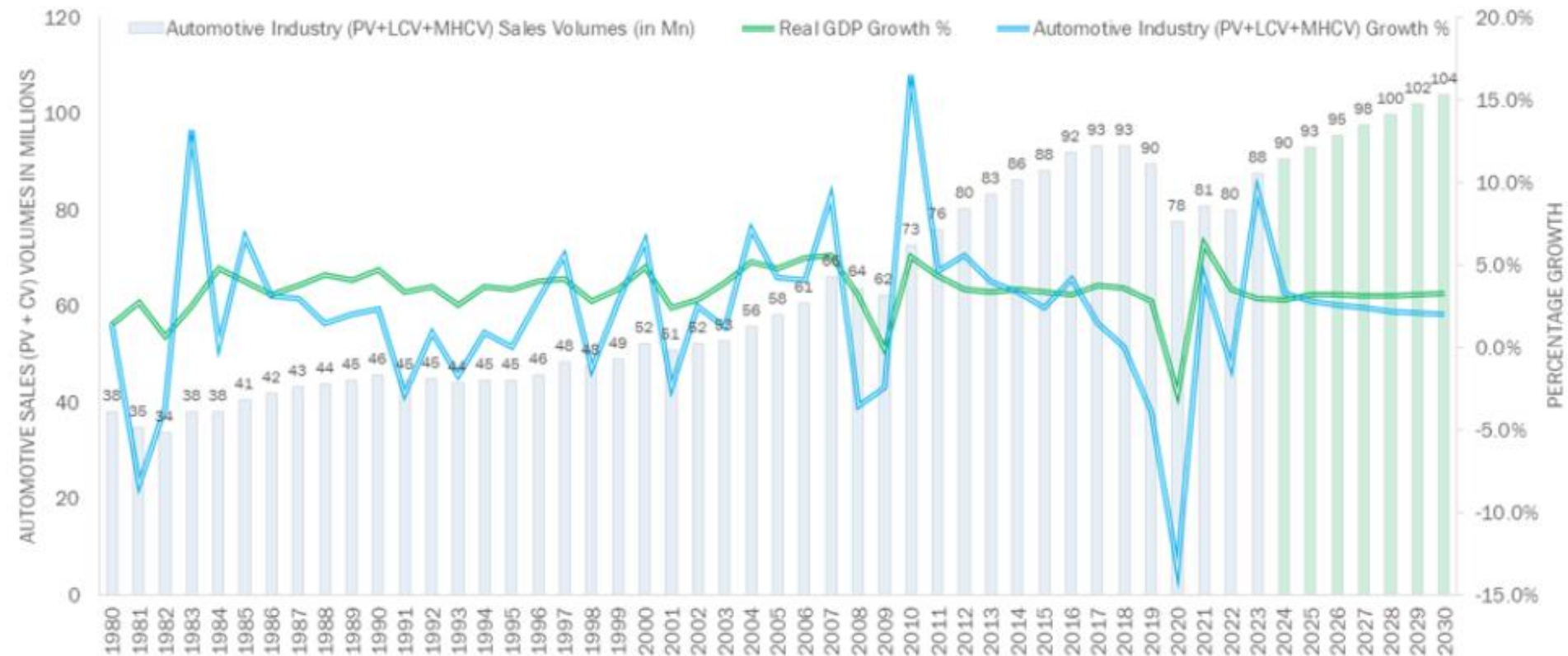


- Global growth is projected to at 3.2 percent in 2024 and 3.3 percent in 2025. The projected increase is powered by stronger activity in Asia, particularly China and India.
- Services price inflation is holding up progress on disinflation, which is complicating monetary policy normalization.

Global Automotive Industry Growth Trend

GLOBAL AUTOMOTIVE SALES (PV + LCV + MHCV) AND GDP GROWTH: 1980 TO 2030

THE AUTOMOTIVE INDUSTRY IS PROJECTED TO REACH 104 MILLION UNITS BY 2030. DESPITE FACING CHALLENGES LIKE ECONOMIC DOWNTURNS, SUPPLY CHAIN DISRUPTIONS, AND THE COVID-19 PANDEMIC, IT HAS HISTORICALLY REBOUNDED WITHIN 2-3 YEARS

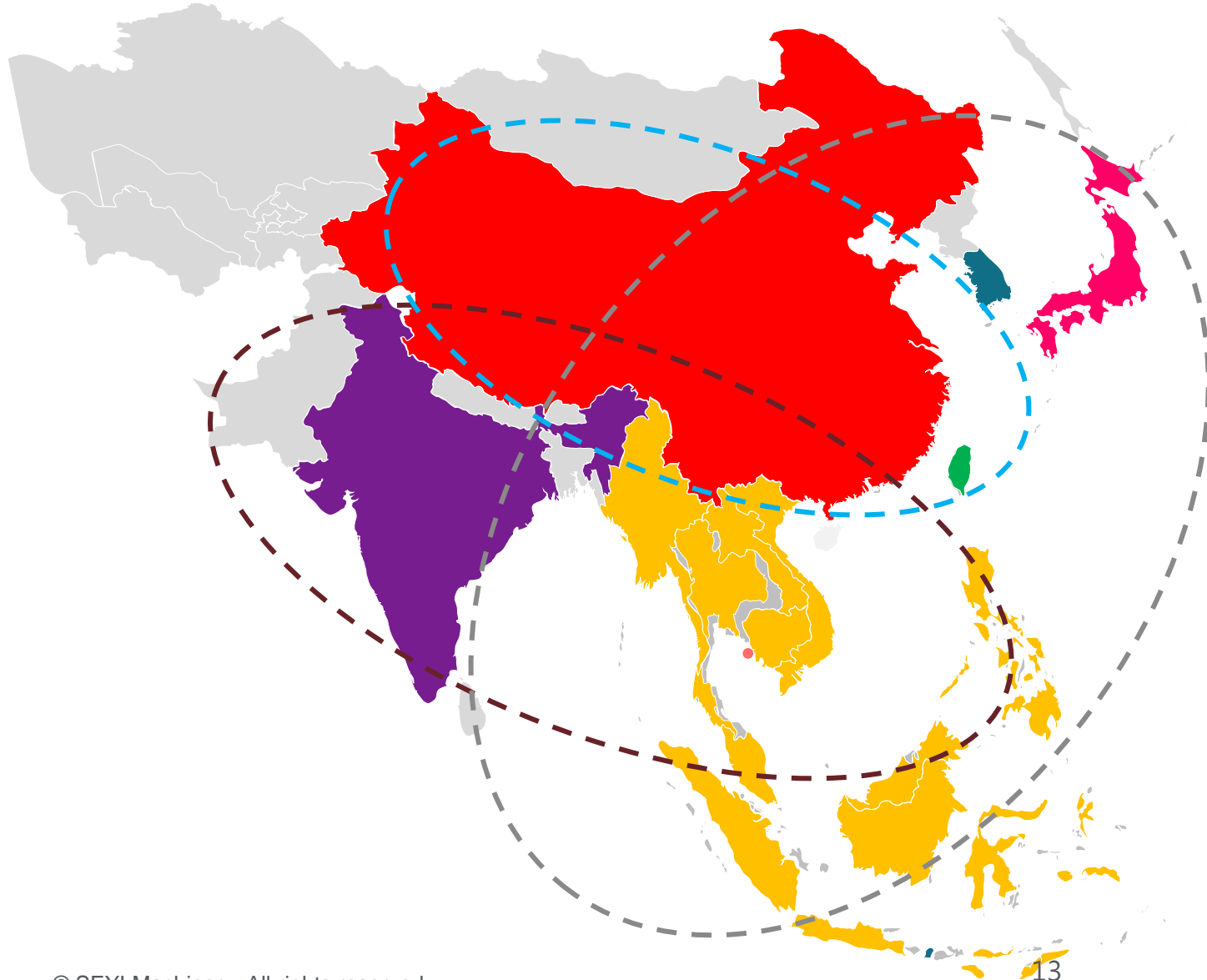


Source: MarketsandMarkets (MnM) Analysis, Desk Research, IMF, World Bank;

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1

“Differentiation” is The Key to Stand Out



- 1) Advanced economies export technologies while Asia takes over mass production.
- 2) Taiwan, as the center of Asia, will be inevitably included in any country's geopolitical strategies.
- 3) Asia's industrial culture, technical heritage, and labor skills are very similar, making replication easy but also highly competitive.
- 4) “**Differentiation**” is essential to stand out.

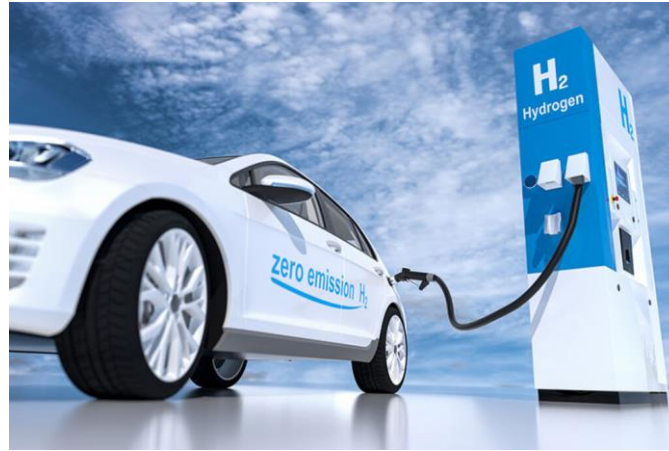


Product Development

More New Opportunities



AI Server



Hydrogen Power



Precision Medicine



Aerospace



Drone



Precision Optics

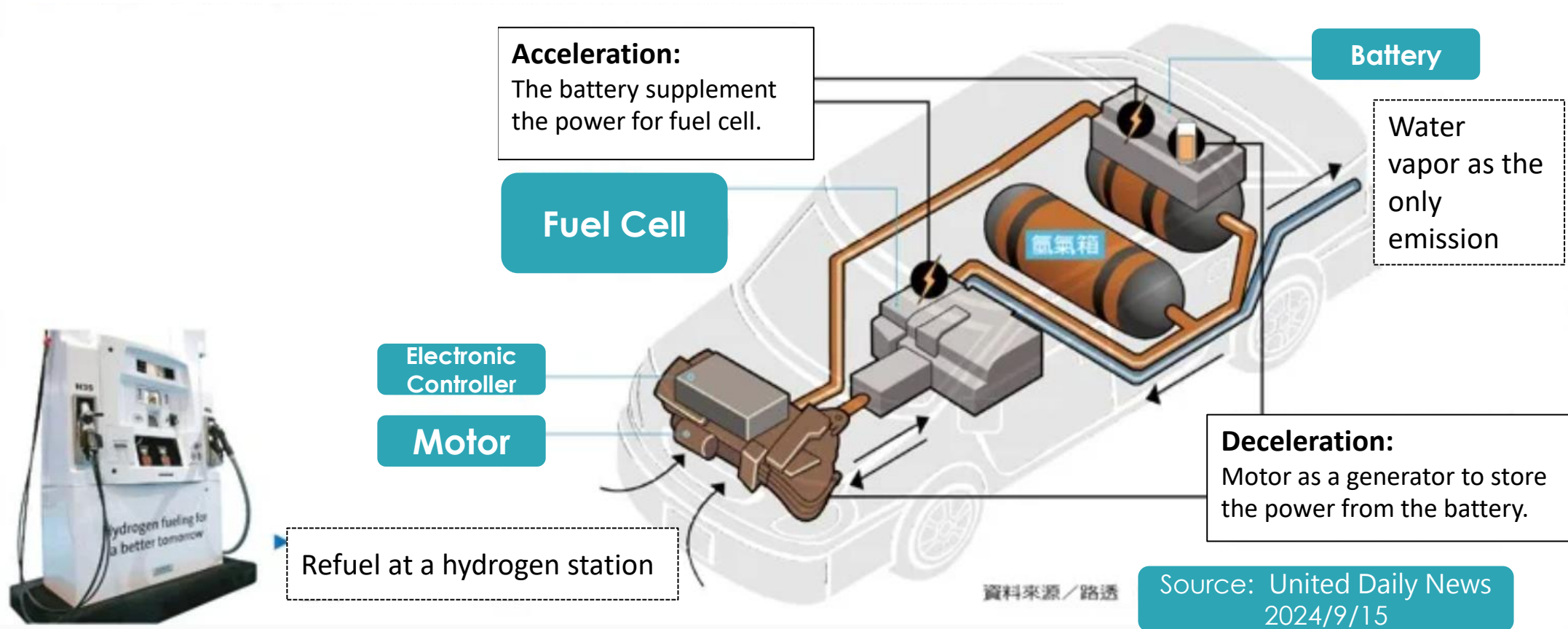
Hydrogen Power

- Hydrogen's clean and efficient characteristics have gradually become one of the global net-zero emission solutions.
- Since its use does not produce greenhouse gases or other pollutants, it can effectively reduce carbon emissions and minimize environmental damage.
- Hydrogen, as a fuel, can generate electricity through a "fuel cell," with water vapor as the only emission.
- "Fuel cells" can be used as a power source for vehicles, household electricity generation, industrial power supply, etc.



How Does A Hydrogen Vehicle Work?

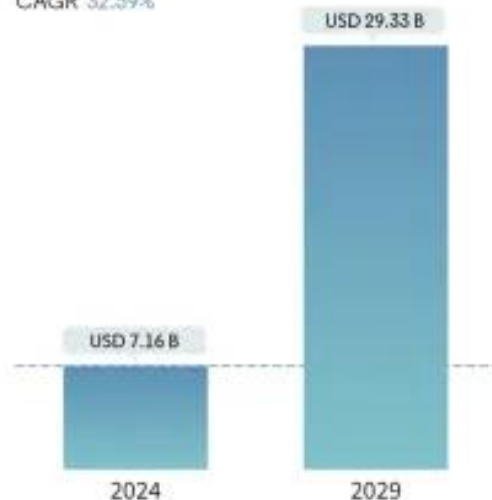
The oxygen in the air combines with the hydrogen in the fuel cell, creating a chemical reaction that generates electricity for the motor.



Global Fuel Cell Market Size

- The market size is projected to reach USD 7.16 billion by 2024 and is expected to grow to USD 29.33 billion by 2029, with a compound annual growth rate (CAGR) of 32.59% from 2024 to 2029 (left chart).
- Household fuel cell systems and the establishment of hydrogen refueling stations are gaining increasing attention. Globally, the market is expected to reach JPY 40 trillion (approximately USD 280 billion) by 2030 and JPY 160 trillion (approximately USD 1.12 trillion) by 2050 (right chart).

Fuel Cell Market
Market Size in USD Billion
CAGR 32.59%



Source: Mordor Intelligence

Study Period	2020 - 2029
Market Size (2024)	USD 7.16 Billion
Market Size (2029)	USD 29.33 Billion
CAGR (2024 - 2029)	32.59 %
Fastest Growing Market	Asia Pacific
Largest Market	Asia Pacific

Major Players



*Disclaimer: Major Players sorted in no particular order

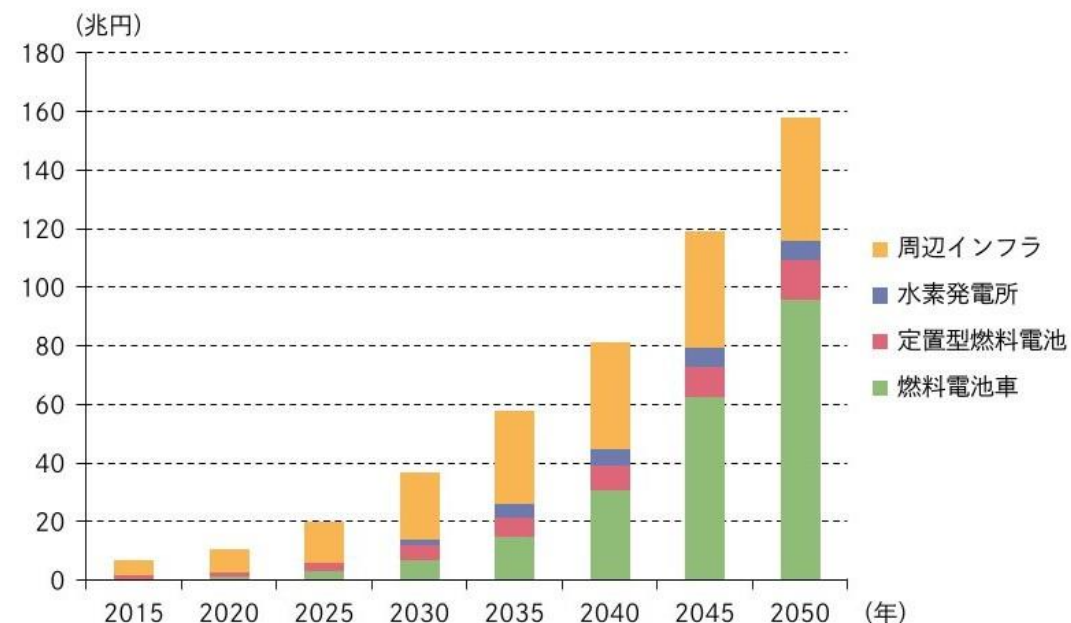


図 4-1 世界水素インフラ市場規模予測

出典：日経 BP クリーンテック研究所「世界水素インフラプロジェクト総覧より NEDO 作成

Fuel Cell System

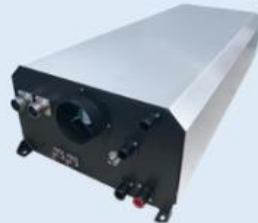
Bipolar Plates



Fuel Cell Stack



Power Generation Module



Power Generation Unit



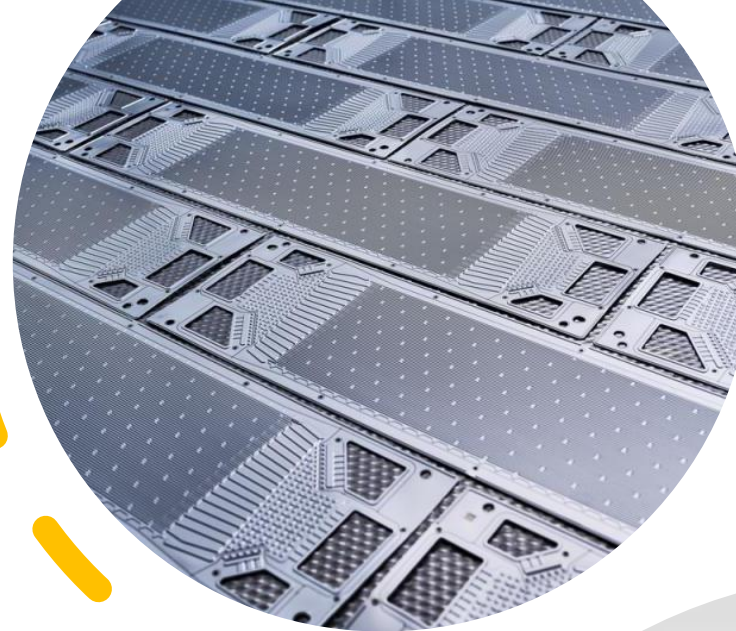
Power Station



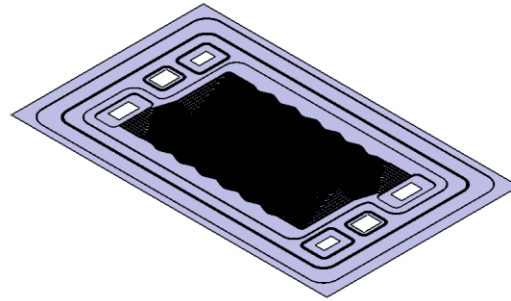
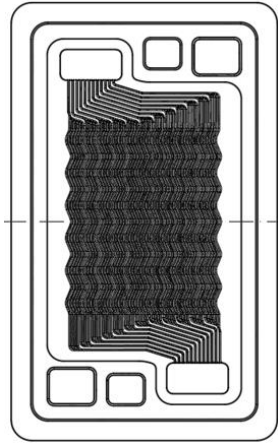
- Each fuel cell consists of a cathode, an anode, a proton exchange membrane, and two bipolar plates. When fuel cells are stacked together, they form a fuel cell stack. Power generation modules, power generation units can be created in different application field and ultimately a power station can be established.
- **Bipolar plates market will be SEYI's key focus in the coming years.**

Market Size of Bipolar Plates

- In 2023, the global bipolar plates market value, calculated by revenue, was USD 465.1 million. It is expected to reach USD 1.87 billion by 2030, with a projected compound annual growth rate (CAGR) of 22.2% from 2024 to 2030.
- In terms of sales volume, the global sales in 2023 were approximately 44,407,700 units, and it is estimated that by 2029, the global sales volume will surpass 172,284,600 units, with a projected CAGR of 25.35% from 2024 to 2029.

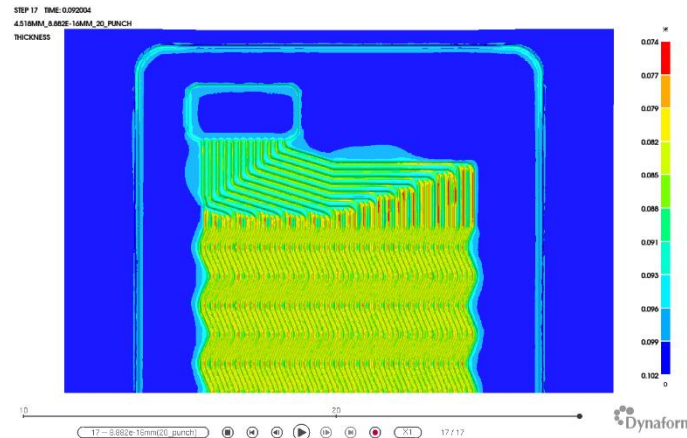
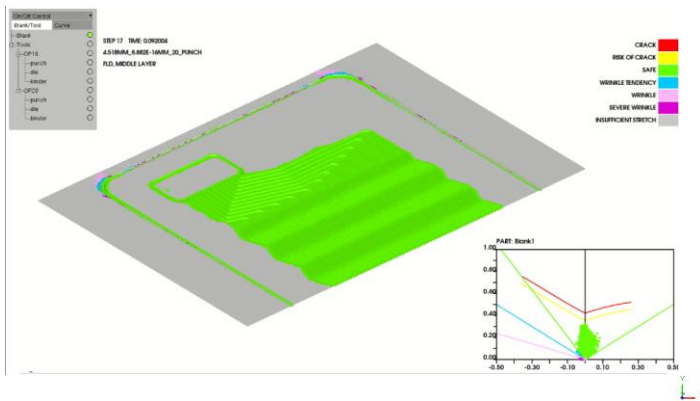


SEYI Machinery to Demonstrate Bipolar Plate Application at MF-Tokyo 2025 Exhibition



JIS
Standard

Ultra-high
Stiffness



Toward Sustainability

Assume that all the stamping presses in Taiwan are 10,000 units (200ton on average), the average carbon emissions will be approx. 790,000 tons.

If all the presses were SERVO PRESSES, the average carbon emissions can decrease to 320,000tons.



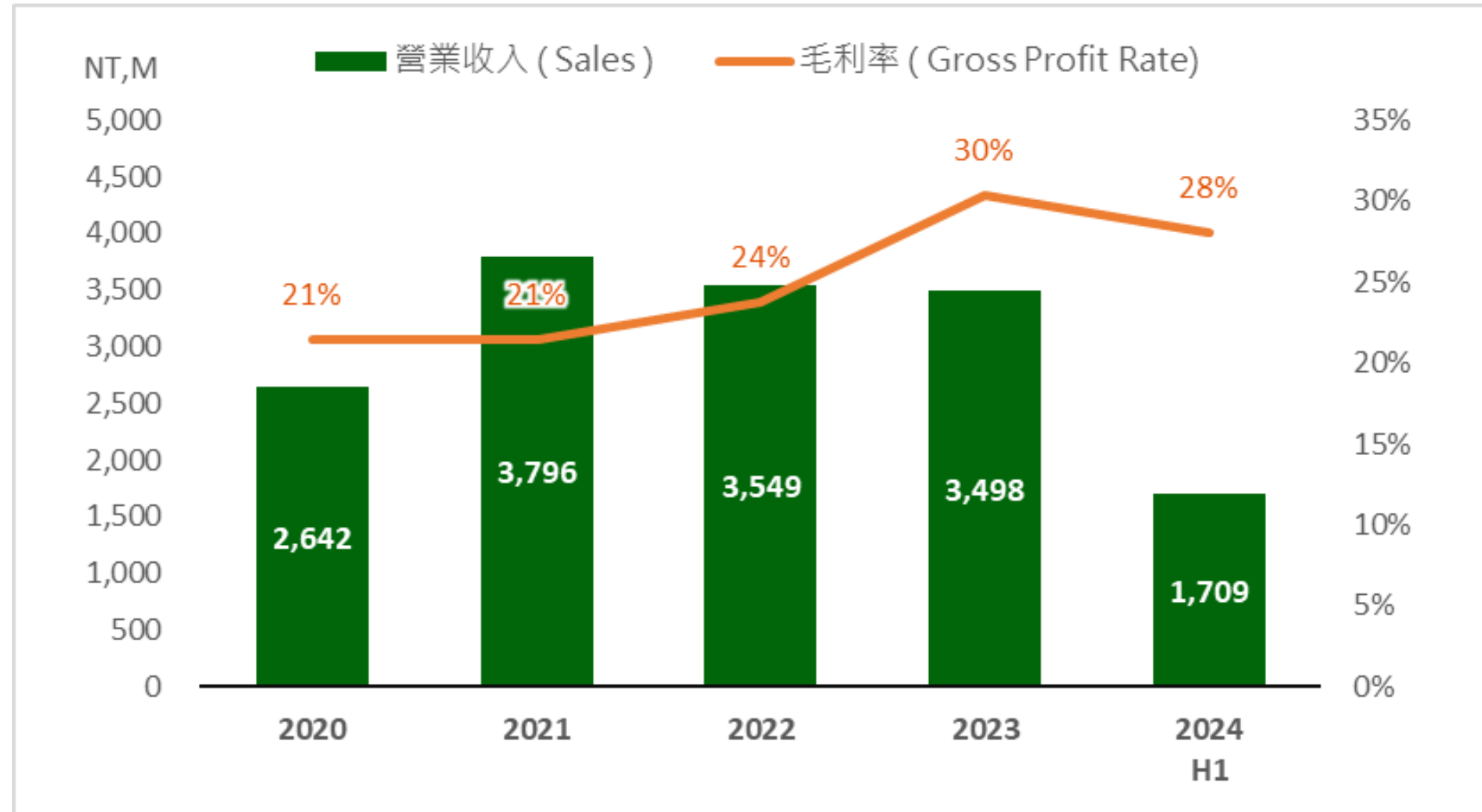
≡ 860,000 Trees Planted ≡ 47 New York Central Parks

≡ 500 MW Saved ≡ 1/2 Electricity Saved for Taiwan's No.2 Nuclear Power Plant



Financial Results

Sales & Gross Profit Rate



Consolidated Income Statement Highlights

(NT,M)

項目 (Item)	2020		2021		2022		2023		2024 H1	
	\$	%	\$	%	\$	%	\$	%	\$	%
營業收入 (Sales)	2,642	100.0	3,796	100.0	3,549	100.0	3,498	100.0	1,709	100.0
營業毛利 (Gross Profit)	567	21.5	813	21.4	843	23.8	1,062	30.4	479	28.0
營業淨利 (Profit/Loss from Operations)	(137) -	5.2	5	0.1	(30)	-0.8	152	4.4	14	0.8
稅後淨利 (Net Profit)	16	0.6	57	1.5	29	0.8	213	6.1	136	8.0
每股盈餘 (Earnings Per Share)	0.10		0.36		0.18		1.34		0.86	

Consolidated Balance Sheet Highlights

(NT,M)

項目 (Item)	2020		2021		2022		2023		2024 H1	
	\$	%	\$	%	\$	%	\$	%	\$	%
現金及約當現金 (Cash and cash equivalents)	2,441	41	2,330	38	2,479	40	2,278	38	2,581	40
應收票據及帳款 (Accounts/Notes receivable)	398	7	618	10	631	10	399	7	317	5
存貨 (Inventory)	1,019	17	969	16	1,168	19	1,238	20	1,271	20
不動產、廠房及設備 (Property, plant and equipment)	940	16	857	14	791	13	747	12	748	12
資產總計 (Total Assets)	5,915	100	6,132	100	6,220	100	6,051	100	6,479	100
流動負債 (Current Liabilities)	2,147	36	2,640	43	2,533	41	2,064	34	2,676	41
非流動負債 (Total Non-current Liabilities)	1,393	24	1,107	18	1,262	20	1,406	23	1,244	19
負債總計 (Total Liabilities)	3,541	60	3,747	61	3,794	61	3,470	57	3,921	61
權益總計 (Total Equity)	2,374	40	2,386	39	2,426	39	2,581	43	2,558	39



ESG Promotion

2024 ESG Objectives

E_{nvironment}

- To continue “carbon footprint verification” project
- To optimize manufacturing process
- To protect a safe working environment



S_{ocial}

- To strengthen academia-Industry cooperation
- To enhance employee health policy
- To help improve local community welfare



G_{overnance}

- To continue corporate governance for resilient supply chain
- To continue the reform of digital transformation and IT safety
- To develop green products for customers to achieve low-carbon production



**2023 Carbon Footprint Verification
Completed**

**Product Carbon Footprint of SDN1 and
SN1 Completed**

**SEYI and TMBA Collaborate to
Promote Press Machine PCR**





Continuously Conduct Occupational Safety Education and Trainings to Enhance Safety Awareness in the Workplace
(including contractor training, fire safety training, crane and hoist operation training, health seminars, etc.)

Continuously Conduct “SEYI Cup” to Invest in Talents



Deepen Academia-Industry Cooperation to Enlarge Talent Pool

Enthusiastically Respond to “Used Shoes Save Lives” Activity



Volunteers for “Beetle Brood” Plan with Local Community

Continuously Strengthen Corporate Governance and the Information Transparency

(The growth rate of corporate governance evaluation ranks among the top 36~50% of listed companies in 2023.)

Customer Satisfaction 89% for 2024 Achieved

(Installation quality and after-sales services rank the highest.)

Enhance IT Safety to Strengthen Safety Awareness

(such as firewall backup, server remote backup, and social engineering drills)



Reinforce Servo Technology Development for Low-Carbon Production Toward 2050 NZE with Customers



SD Series



SDG Series



SDE Series



SDM1 Series



— **NEW** —

SDN1 Series

Prospect

2024 Prospect: Intensify ESG Obejectives

1.

Sustainable Environment

- “Green Product” design concept to help customers reduce product carbon footprint.
- Implement “Carbon Footprint Verification” continuously.

2.

Customer-oriented

- Delve into the latest market application to development market-driven presses.
- Increase repeat orders thanks to a comprehensive global service network.

3.

Academia-Industry Cooperation

- Empower R&D capability.
- Continuously sponsor “SEYI Cup” competition to retain talents.

4.

Corporate Governance

- Strive for the long-term development to protect stakeholders’ benefits.
- Digital transformation to reform the company’s culture for efficiency and enhancement.

Q & A

Enriching Life through Innovation and Technology



SEYI website



SEYI YouTube

Thank You!