



Global Family,
Global Solutions!

GlobalWafers (6488TT) Q2 2025 Earnings Call

2025/08/05

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> Financial Highlights

Revenue

- ✓ Q225 → NT\$16.0 billion, 2.7% QoQ, the third highest over the same period!
- √ 1H25 → NT\$31.6 billion, 3.9% YoY, the third highest over the same period!

■ Gross Profit %

- \checkmark Q225 → 25.8%
- \checkmark 1H25 → 26.1%

■ Operating Income %

- \checkmark Q225 → 15.2%
- ✓ 1H25 → 15.9%



> Financial Highlights

■ Net Profit %

- \checkmark Q225 → 10.5%
- \checkmark 1H25 → 9.9%

■ EPS

- \checkmark Q225 \rightarrow NT\$3.52
- \checkmark 1H25 \rightarrow NT\$6.56

Prepayment

✓ NT\$27.3 billion (US\$0.93 bn)¹



➤ Industry & Overview

Global Economy

- ✓ Global economic growth is projected to slow from 3.4% in 2024 to 2.9% in both 2025 and 2026, amid tighter financial conditions, persistent trade policy uncertainty, and declining business confidence according to OECD.
- ✓ Elevated manufacturing costs are likely to drive inflation, which may weigh on consumer spending and pose selective downside risks to parts of the semiconductor market.

■ Semiconductor Industry

- ✓ **Structural Growth Intact:** Long-term demand remains solid across AI, robotics, healthcare, and renewable energy, supporting sustained growth in advanced wafers and materials. GlobalWafers is well-positioned to capture this upcycle through its globally integrated, locally adaptive capacity expansion strategy.
- ✓ **Inventory Normalization**: Downstream inventory is stabilizing with early recovery signs, though the pace may remain gradual amid ongoing macro and trade uncertainties.
- ✓ External Risks: Geopolitical tensions, tariffs (including retaliatory measures and Section 232), and FX volatility continue to pressure supply chains and weigh on investor sentiment.



➤ Industry & Overview

■ GlobalWafers' Growth Strategy and Fiscal Health

- ✓ GlobalWafers has begun sample shipments from its U.S. and Italy capacity expansions, enhancing regional presence with new 12" advanced and SOI wafer capabilities. U.S.-produced products are gaining traction, highlighting strong execution and rising demand for local supply, with revenue contributions expected to ramp gradually from 2H25 through 1H26.
- ✓ Brownfield projects demonstrate robust performance, marked by record shipment in Japan and Taiwan, and stellar performance in Denmark. With 18 production sites across 9 countries and a customercentric supply chain, the company is well-positioned to navigate the complex macroeconomic and policy landscape.



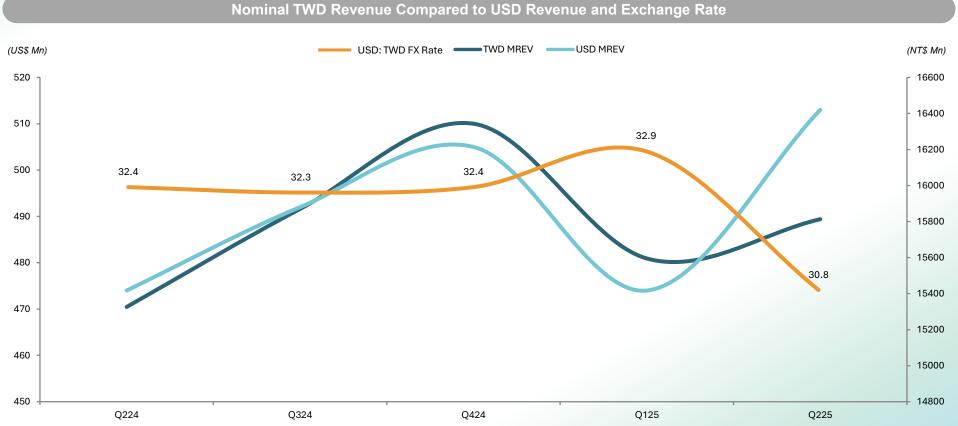
➤ Industry & Overview

- GlobalWafers' Growth Strategy and Fiscal Health (Cont.)
 - ✓ Alongside strong GaN demand and ongoing specialty wafer development, we are accelerating our strategic pivot toward high-value specialty wafers (SiC, SOI, GaN, Float Zone), while expanding our 12" production capacity. Upon completion of the capacity expansion, 12" wafers are expected to account for nearly two-thirds of total revenue, significantly boosting profitability and reinforcing our technological leadership.
 - ✓ Amid ongoing global expansion, our interest-bearing debt¹ declined to NT\$67,343M (−6.4% QoQ), while the current and quick ratios improved to 135% and 113%, respectively. The strengthened total liabilities-to-assets ratio of 58.9% (32.6% including only interest-bearing debt¹) further underscores our solid balance sheet. We anticipate a recovery supported by subsidies, ramping revenue, and a resilient global footprint amid ongoing uncertainties.



GWC Revenue Affected by NTD Appreciation

- GWC's revenue continues to grow steadily, with an even clearer upward trend in USD terms despite currency headwinds from NTD appreciation. FX risk is partially offset through hedging and a globally diversified cost structure that allows for local currency payments.
- On a U.S. dollar basis, GWC posted Q2 revenue of USD 0.52 billion (+9.7% QoQ) and 1H 2025 revenue of USD 0.99 billion (+4.2% YoY).

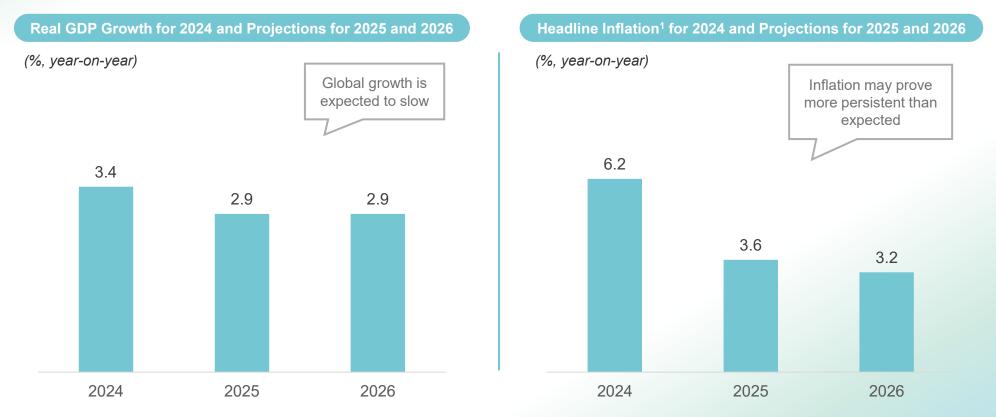


02 **Company Overview**



Global Outlook Shifts Amid Trade Policy Uncertainty

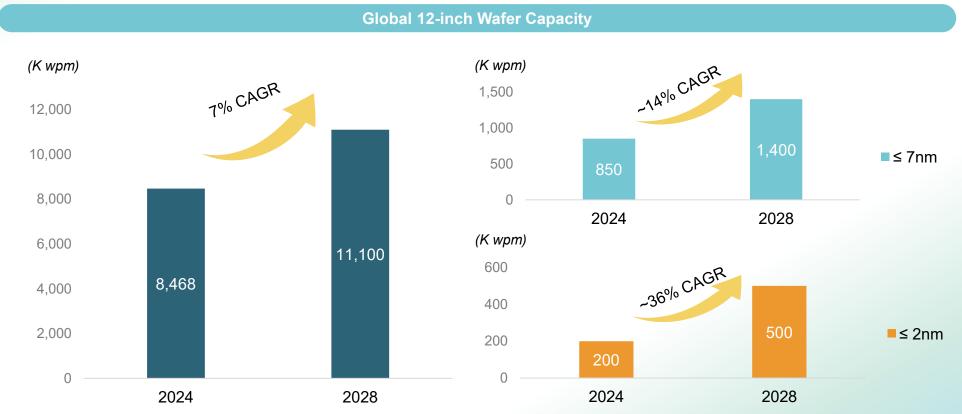
- Global economic prospects are weakening, with substantial barriers to trade, tighter financial conditions, diminishing confidence and heightened policy uncertainty projected to have adverse impacts on growth.
- Inflation may also stay elevated for longer than anticipated, especially if inflation expectations continue to rise. On the upside, an early reversal of recent trade barriers could boost economic growth and help ease inflationary pressures.
- Global GDP growth is projected to slow from 3.4% in 2024 to 2.9% in 2025 and 2026, with inflation remaining elevated.





Robust 12-inch Fab & Advanced Node Growth to 2028

- Between 2025 and 2028, 59 new 12" volume fabs¹ are set to begin commence operations, raising the total to 249 by 2028. Global 12" wafer capacity is projected to grow at a 7% CAGR, reaching 11.1 million wafers per month by 2028.
- Key growth is driven by advanced process capacity (7nm and below), expected to rise from 0.85 million to 1.4 million wafers per month (wpm) by 2028 (CAGR ~14%). Furthermore, capacity for 2nm and below may increase significantly from under 0.2 million to over 0.5 million by 2028 (CAGR ~36%), driven by strong AI demand.



Source: SEMI, June 2025

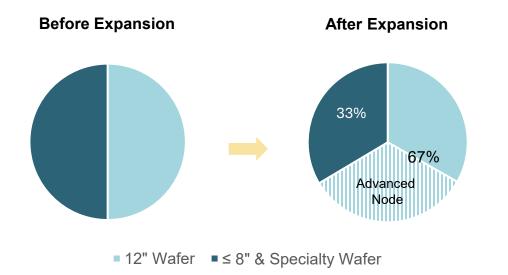
Note: 1. Include greenfield, shell, volume fabs, high probability 2. Include EPI fabs



GWC's Growth Drivers: 12-inch & Specialty Wafer

- GlobalWafers' ongoing 12" capacity expansion is expected to raise the segment's contribution from around 50% to nearly two-thirds. Meanwhile, the company is strategically pivoting toward high-value specialty wafers—such as SOI, SiC, GaN, and Float Zone—which offer higher margins and stronger technical barriers. This dual focus enhances profitability and supports long-term, sustainable growth.
- As a pure-play wafer supplier, GlobalWafers maintains a non-competing stance with customers while enhancing manufacturing flexibility in key regions. The company is the only top-five wafer producer¹ with advanced specialty capabilities across Europe, Asia, and the U.S., supporting ESG-led reshoring, securing localized supply chains, and mitigating geopolitical risks.

GlobalWafers Product Portfolio Forecast



GlobalWafers Competitive Advantage



Customer-Aligned

Pure-play model avoids channel conflict



Global Coverage

Only top-five supplier in the U.S., Europe, and Asia



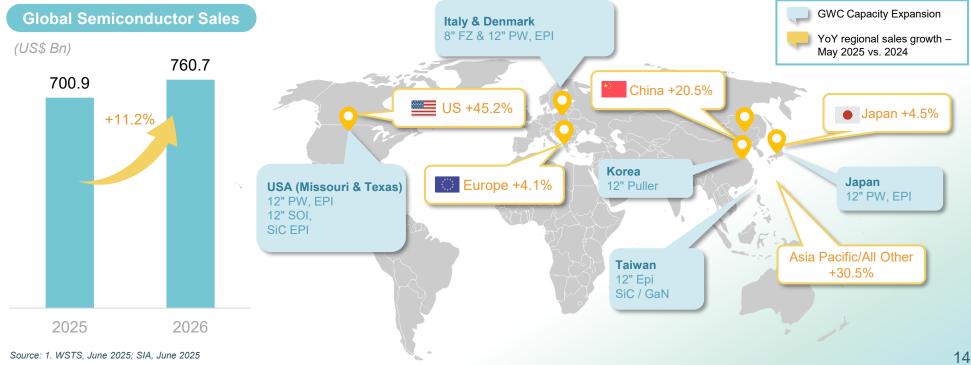
Supply Chain Resilience

Enhances ESG compliance, operational agility, and geopolitical risk resilience



GWC's Footprint Aligned with Industry Expansion

- The WSTS Spring 2025 forecast projects global semiconductor sales to grow 11.2% year-over-year to USD 700.9 billion in 2025, and further to USD 760.7 billion in 2026, primarily driven by Logic and Memory, fueled by demand from AI, cloud infrastructure, and advanced consumer electronics.
- Regionally, year-over-year sales in May increased by 45.2% in the Americas, 30.5% in Asia Pacific/All Other, 20.5% in China, and 4.5% in Japan, and 4.1% in Europe.
- GlobalWafers' capacity expansion plans align with the semiconductor industry's structural growth. Leveraging its strong global footprint, customer-proximate supply chain design, focus on local sourcing, and commitment to advancing green manufacturing, the Company remains resilient and prepared for advancement in today's intricate macroeconomic and policy landscape.





Capacity Expansion Drives GWC's Growth and Resilience

- Strategic capacity expansions in the US (Texas and Missouri) and Italy are now operational, targeting high-end wafers for advanced technologies. Small-volume shipments and customer qualifications are underway, setting the stage for revenue contributions between 2H 2025 and 1H 2026.
- Brownfield expansions across multiple sites have ramped to full production. Among them, sites in Japan and Taiwan are now delivering 12-inch EPI wafers for advanced applications. These efforts are already contributing to revenue and further strengthening GlobalWafers' capabilities in high value-added, technology-intensive wafer supply.
- With 18 production sites across 9 countries, GlobalWafers enables customers to localize supply chains and better navigate evolving trade environment, ensuring faster responses to urgent demand while enhancing operational resilience.

GlobalWafers' Latest Expansion Progress

GlobalWafers' SPA site in Novara has shipped its first 12" polished wafers, kicking off customer qualification, with mass production targeted by year-end 2025.





GlobalWafers' GWA site in Texas has commenced the sample delivery phase, marking a key milestone in its U.S. expansion.

GlobalWafers' MEMC LLC in Missouri has entered the sample delivery phase and hosts the only 12" advanced SOI wafer production line in the United States.



Revenue Ramp-up Timeline

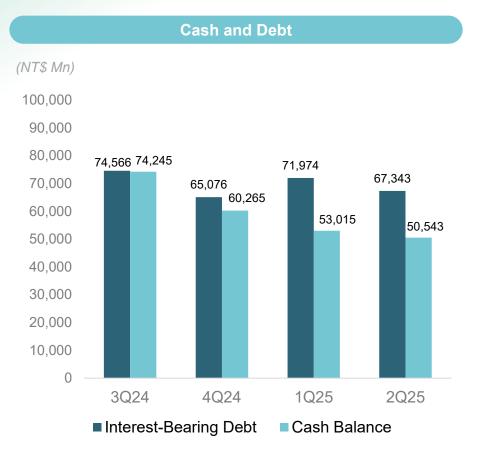


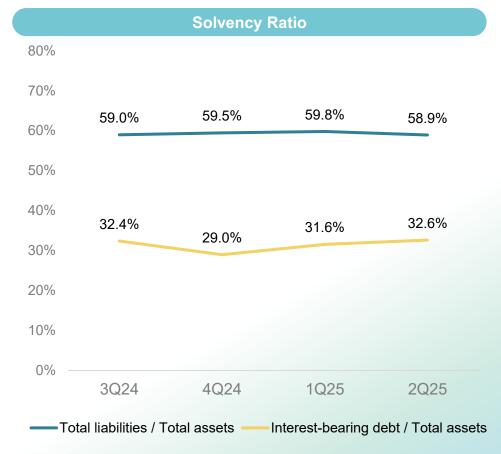
Revenue contributions expected between 2H 2025 & 1H 2026



Strengthened Balance Sheet with Healthy Leverage

- Despite continued investment in advanced node expansion, GWC's interest-bearing debt declined to NT\$67,343M (QoQ −6.4%), while cash stood at NT\$50,543M.
- Although the total liabilities-to-assets ratio stood at 58.9% in 2Q25, interest-bearing debt¹ accounted for only 32.6% of total assets, highlighting a solid balance sheet and continued efforts to strengthen financial resilience.

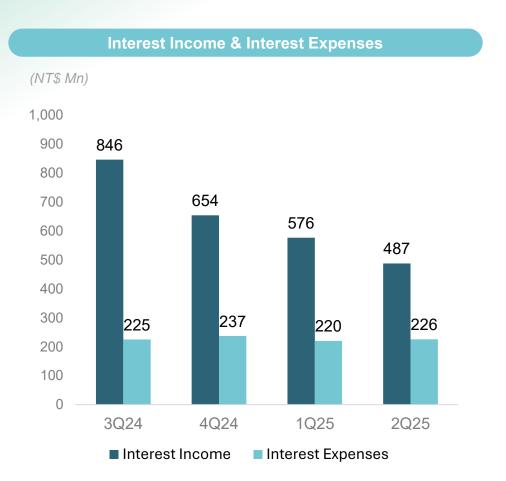


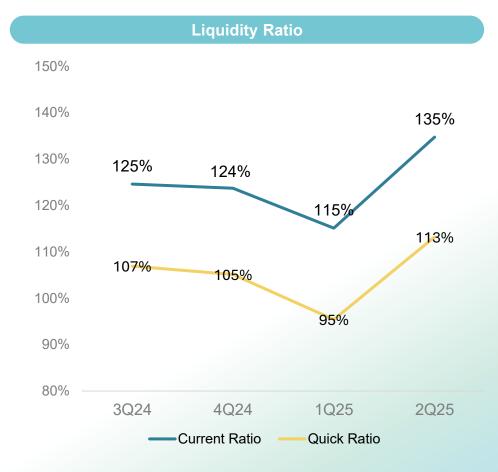




Improved Liquidity and Resilient Financial Position

- Despite continuing capex, GWC maintained a net interest income by actively optimizing cash through treasury operations. Current and quick ratios improved to 135% and 113%, reflecting a stronger liquidity and disciplined financial management.
- As subsidies materialize and new capacity gradually ramps in 2H25, further improvements are expected.





03

Financial Performance



Financial Highlight: Q225 vs. Q125 vs. Q224

(NT\$Mn, except EPS)	Q225	Q125	Q224	QoQ	YoY
Revenue	16,008	15,595	15,326	2.7%	4.5%
Gross Profit %	25.8%	26.4%	32.3%	-0.6ppt	-6.5ppts
Operating Income	2,438	2,589	3,367	-5.8%	-27.6%
Operating Income %	15.2%	16.6%	22.0%	-1.4ppts	-6.8ppts
Net Profit	1,682	1,456	2,879	15.5%	-41.6%
Net Profit %	10.5%	9.3%	18.8%	1.2ppts	-8.3ppts
EPS ¹	NT\$3.52	NT\$3.05	NT\$6.02	NT\$0.47	-NT\$2.50
EBITDA ²	4,472	4,033	4,600	10.9%	-2.8%
EBITDA %	27.9%	25.9%	30.0%	2.0ppts	-2.1ppts
EBIT ³	2,027	1,778	2,614	14.0%	-22.5%
ROE ⁴ (annualized)	7.6%	6.4%	14.2%	1.2ppts	-6.6ppts
ROA ⁵ (annualized)	3.4%	2.8%	5.6%	0.6ppt	-2.2ppts
Capex ⁶	7,537	11,557	12,699	-	-
Depreciation	2,440	2,250	1,981	-	-

Note: 1. EPS = Net Profit Attributable To The Shareholders of The Company / Weighted-average Number of Ordinary Shares Outstanding During The Period

^{2.} EBITDA = Net Profit + Tax + Interests + Depreciation + Amortization

^{3.} EBIT = Net Profit + Tax + interests

^{4.} ROE = Net Profit / Average Shareholders Equity

^{5.} ROA = (Net Profit + Interest*(1- Effective Tax Rate)) / Average Asset

^{6.} Capex = Ending Acquisition of property, plant and equipment, and prepayments of equipment - Beginning Acquisition of property, plant and equipment, and prepayments of equipment



Financial Highlight: 1H25 vs. 1H24

(NT\$Mn, except EPS)	1H25	1H24	YoY
Revenue	31,602	30,413	3.9%
Gross Profit %	26.1%	33.3%	-7.2ppts
Operating Income	5,027	7,334	-31.5%
Operating Income %	15.9%	24.1%	-8.2ppts
Net Profit	3,138	6,412	-51.1%
Net Profit %	9.9%	21.1%	-11.2ppts
EPS ¹	NT\$6.56	NT\$14.04	-NT\$7.48
EBITDA ²	8,505	10,482	-18.9%
EBITDA %	26.9%	34.5%	-7.6ppts
EBIT ³	3,804	6,639	-42.7%
ROE ⁴ (annualized)	7.1%	16.3%	-9.2ppts
ROA ⁵ (annualized)	3.2%	6.4%	-3.2ppts
Capex ⁶	19,094	23,137	-
Depreciation	4,689	3,832	-

Note: 1. EPS = Net Profit Attributable To The Shareholders of The Company / Weighted-average Number of Ordinary Shares Outstanding During The Period

^{2.} EBITDA = Net Profit + Tax + Interests + Depreciation + Amortization

^{3.} EBIT = Net Profit + Tax + interests

^{4.} ROE = Net Profit / Average Shareholders Equity

^{5.} ROA = (Net Profit + Interest*(1- Effective Tax Rate)) / Average Asset

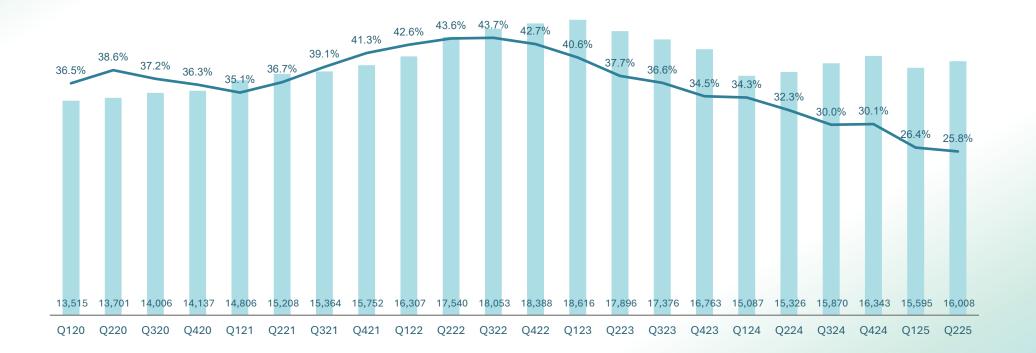
^{6.} Capex = Ending Acquisition of property, plant and equipment, and prepayments of equipment - Beginning Acquisition of property, plant and equipment, and prepayments of equipment



Revenue & Gross Profit (%)



(NT\$ Mn) Revenue —Gross Profit %





EBITDA & EPS

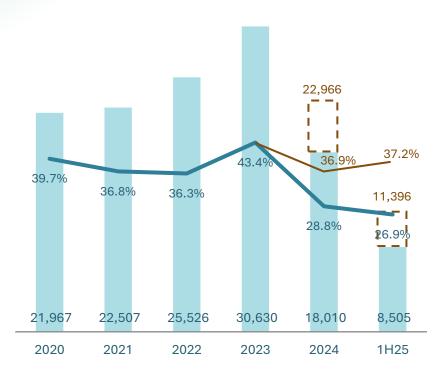
EBITDA

(NT\$ Mn)

EBITDA

- EBITDA to Revenue

EBITDA increased if excluding the mark-to-market valuation changes on its holdings of Siltronic shares and assuming no major expansion projects were undertaken.



EPS

(NT\$)

EPS increased if excluding the mark-to-market valuation changes on its holdings of Siltronic shares and assuming no major expansion projects were undertaken.





Income Statement

(NT\$ Mn)	2024	Q125	Q225	1H25	1H25 (simulated) ¹
Revenue	62,626	15,595	16,008	31,602	30,663
Growth (%)	-11.4%	3.4%	4.5%	3.9%	-
Gross Profit	19,804	4,112	4,123	8,235	9,962
Gross Profit Margin (%)	31.6%	26.4%	25.8% ³	26.1%	32.5%
EBITDA	18,010	4,033	4,472	8,505	11,396
EBITDA Margin (%)	28.8%	25.9%	27.9% ⁴	26.9%	37.2%
Operating Income	14,118	2,589	2,438	5,027	7,031
Operating Profit Margin (%)	22.5%	16.6%	15.2%	15.9%	22.9%
Profit before Tax	12,429	2,133	2,289	4,422	7,313
Profit before Tax Margin (%)	19.8%	13.7%	14.3%	14.0%	23.8%
Net Profit	9,839	1,456	1,682	3,138	5,216
Net Profit Margin (%)	15.7%	9.3%	10.5%	9.9%	17.0%
EPS (NT\$)	21.06	3.05	3.52	6.56	10.91

Note: 1. Simulated figures exclude impacts from major expansions in the U.S., Italy, and Japan, as well as mark-to-market changes on Siltronic shares

^{2.} Growth figures represent year-over-year (YoY) changes

^{3.} Q2 2025 gross margin declined QoQ due to higher depreciation from expansions

^{4.} Q2 2025 EBITDA margin increased QoQ mainly from mark-to-market gains on Siltronic shares



Balance Sheet

(NT\$ Mn)	2023	2024	Q125	Q225
Assets				
Cash and cash equivalents	26,165	38,929	28,846	22,220 ¹
Account receivable	10,116	10,265	10,845	10,140
Inventories	9,359	11,238	11,953	10,303
Property, plant and equipment	72,251	119,074	128,495	114,496 ²
Other assets	71,097	45,074	47,987	49,201
Total assets	188,988	224,581	228,126	206,361

Cash-related other assets include:				
(NT\$ Mn)	Q225			
Deposits in banks held for three months or more	3,610			
Restricted Cash	18,882			
Note	5,831			

Total liabilities	122,534	133,553	136,449	121,480
Other liabilities	62,966	61,706	60,043	50,334 ³
Long term loan	14,542	37,648	39,699	43,055 ¹
Account payable	5,027	5,371	4,433	3,804
Short-term loan	40,000	28,797	32,275	24,287 ¹
Liabilities				

Shareholder equity	66,454	91,028	91,677	84,8814
			•	•

Note: 1. Q225 Cash and cash equivalents decreased – partly due to debt repayments using available cash

^{2.} Short-term loan decreased & Long-term loan increased – mainly due to debt restructuring

^{3.} Q225 Property, plant, and equipment decreased – due to subsidies, depreciation, and currency translation

^{4.} Q225 Other liabilities decreased - primarily due to lower prepaid expenses and FX fluctuations on prepayments

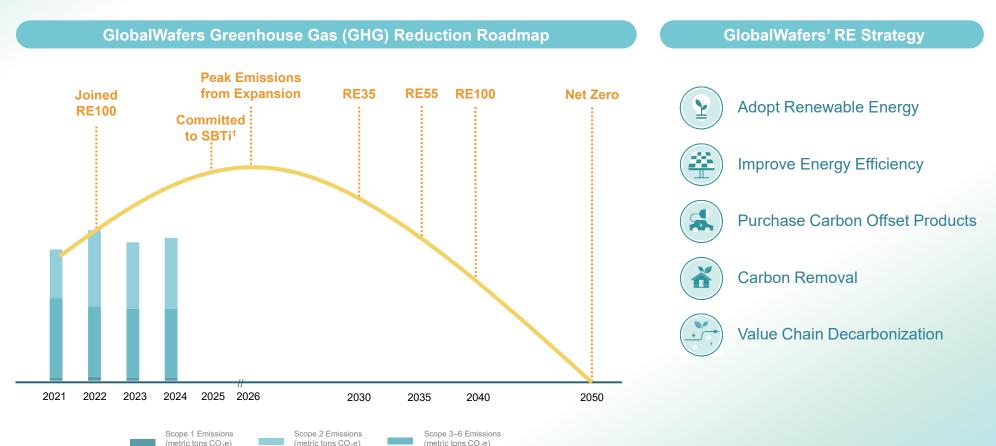
^{5.} Q225 Shareholder equity decreased – primarily due to FX fluctuation





ESG Highlights: Sustainable Environment – RE100

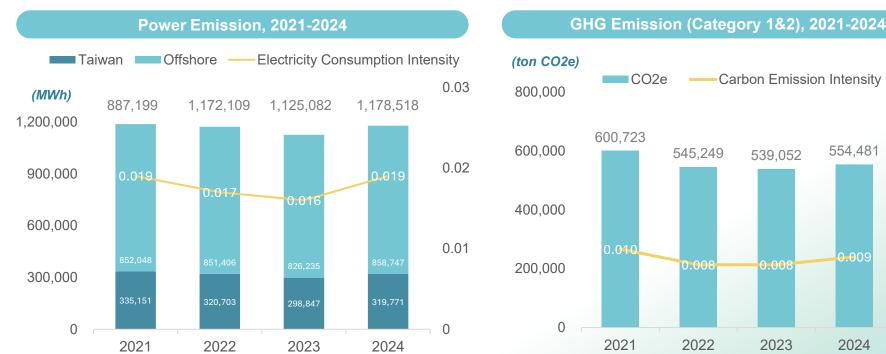
- GlobalWafers has moved up its RE100 target from 2050 to 2040, aiming for 100% renewable energy use across all subsidiaries, underscoring its commitment to climate action and reinforcing its role as a trusted partner in the semiconductor value chain.
- By implementing solar power, PPAs, RECs, and clean energy strategies across global sites, GlobalWafers drives low-carbon manufacturing, lowering emissions, reducing energy costs, and securing a more sustainable future for the industry.

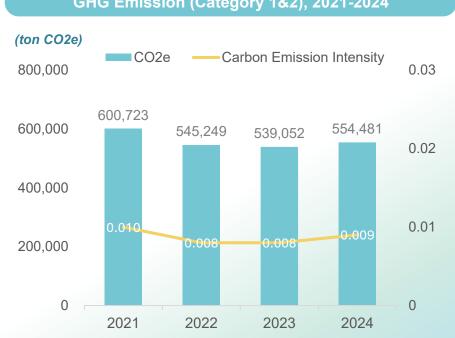




ESG Highlights: Sustainable Environment – GHG & Power

- GlobalWafers has achieved full ISO 14001 certification coverage across all major manufacturing sites, reaffirming its dedication to environmental stewardship. In parallel, ISO 50001 energy management systems are being actively implemented at a global scale.
- In 2024, total electricity consumption increased to 1.18 million MWh—over 70% of which was attributed to offshore sites. Despite GWC's global capacity expansion, electricity consumption intensity remained low at 0.019 MWh per thousand NTD in revenue, reflecting effective energy efficiency controls during capacity ramp-up.
- Total greenhouse gas (GHG) emissions (Category 1&2) slightly increased to 554,481 tCO₂e, primarily driven by the commissioning of new facilities. Nevertheless, carbon emission intensity held steady at 0.009 tCO₂e per thousand NTD, outperforming the 2021 baseline of 0.010 and demonstrating consistent decarbonization progress.

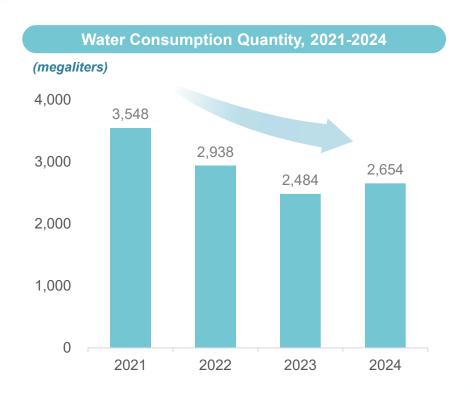


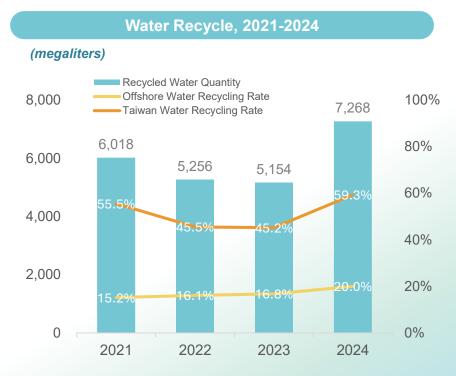




ESG Highlights: Sustainable Environment – Water

- In 2024, GlobalWafers' total water consumption was reduced to 2,654 megaliters, representing a 25% decrease compared to 2021. This significant reduction underscores the Group's continued commitment to water conservation and operational efficiency.
- Meanwhile, recycled water volume rose to 7,268 megaliters—a new four-year high—reflecting improved water reuse infrastructure and closed-loop systems across sites. Remarkably, the volume of recycled water exceeded total consumption, indicating multiple reuse cycles and effective conservation performance.
- Taiwan sites water recycling rates rebounded sharply from a low of 45.2% in 2023 to 59.3% in 2024, while Offshore also improved steadily, reaching 20.0%. These trends reflect strengthened regional recycling systems and cross-site learning in reuse management.







ESG Highlights: Sustainable Environment – Waste

- Amid ongoing expansion and higher offshore production activity, GlobalWafers has reinforced its waste management strategy with a focus on source reduction and circularity. As a result, total waste generated fell to 29,872 tons in 2024—down more than 8,000 tons from the 2022 peak, marking a 21% reduction over two years.
- Waste intensity also declined to 0.477, from 0.579 in 2021, illustrating meaningful efficiency gains in manufacturing operations and materials use.
- In terms of circularity, the Group achieved 27,038 tons of recycled and circularly reused waste in 2024. This elevated the waste reuse rate to 90.5%—the highest in recent years and nearly 9 percentage points above the previous year. The increase reflects improved classification, process optimization, and site-level waste recovery initiatives.





ESG Highlights: Protecting Biodiversity

■ Biodiversity loss and ecosystem collapse are among the top global risks identified in *the World Economic Forum's Global Risks Report 2025*. In response, GlobalWafers has devoted resources to launch various biodiversity projects.

GlobalWafers' Biodiversity Projects





Wetland Ecosystem

GlobalWafers promotes biodiversity in Zhunan's coastal wetlands through data platforms, Alpowered environmental education, and smart agriculture, in collaboration with National United University and the Wannei Community in Miaoli County. The initiative focuses on key habitats such as mangroves and the purple crow butterfly to support ecosystem restoration and local sustainability.





Bee Habitat

GlobalWafers' Italian subsidiary SPA installed beehives at its Novara and Merano sites to support bee nesting, foraging, and reproduction, while planting diverse vegetation to create a pollinator-friendly habitat, enhancing biodiversity and supporting native species restoration.





Marine Debris

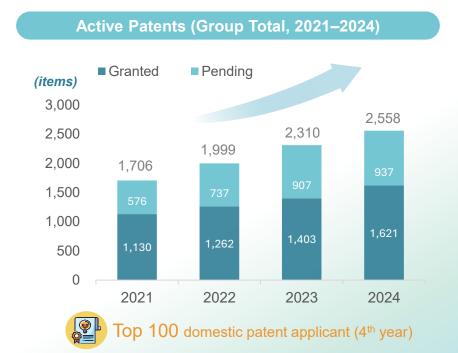
GlobalWafers' Italian subsidiary SPA joined Ogyre's #OceanChallenge initiative through a twoyear partnership, contributing €20,000 annually to support marine plastic reduction, local fishing community engagement, and biodiversity restoration.



ESG Highlights: Corporate Governance

- To reinforce governance and technological leadership, GlobalWafers continues to institutionalize best practices and expand its patent portfolio.
- GlobalWafers strengthens its competitive edge across first to third-generation semiconductor technologies through a diversified patent portfolio, accumulating over 2,500 active patents and ranking among the top 100 domestic patent applicants for four consecutive years.
- GlobalWafers has received multiple recognitions for its excellence in corporate governance, including the CommonWealth Sustainability Award, a Top 5% ranking in TPEx governance evaluations for seven consecutive years, consistent inclusion in the FTSE4Good Index Series, and selection as one of the 2024 Taiwan FINI 100 Companies for the third year in a row.

Corporate Governance Awards CommonWealth Sustainability Award Top 5% in TPEx Governance (7th year) FTSE4Good Index Series 2024 Taiwan FINI 100 Companies (3rd year)





ESG Highlights: Global Social Welfare

- In 2024, GlobalWafers extended its care across the globe through charitable activities in Taiwan, Japan, Italy, the U.S., South Korea, China, Denmark, and Malaysia, etc., supporting communities with donations, volunteering, and emergency aid.
- GlobalWafers is committed to spreading love and responsibility worldwide, fulfilling our mission to create shared value for society.



Supported Genesis Foundation in upgrading care equipment and improving living conditions.

Joined community clean-up efforts to protect the environment and foster teamwork.

Held sports and donation events to support vulnerable groups and local hospitals.

Donated food and clothing to help low-income families celebrate the holidays.

Provided emergency flood relief funds to support affected employees.

Donated food and clothes to support orphans at Kunshan Welfare Center.

Volunteered at a children's home in Tanzania, supporting daily care and cultural exchange.

