

Investors Conference 2025.03



東聯化學(1710TW)

Oriental Union Chemical Corp.

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- Company Overview
- History
- Subsidiaries Chart
- Operation Overview-EG、GAS、SC
- Financial Overview
- Company Strategy



Company Overview

- Established 1975/12
- Capital NT\$ 8,857 million
- Chairman Douglas Tong Hsu
- General Manager Justin Tsai

Linyuan



Yangzhou



- Main Business Manufactures and markets ethylene glycols, ethylene oxide, gas oxygen, gas nitrogen, liquid nitrogen, liquid argon, monoethanolamine, ethylene carbonate, polyethylene glycol, polyoxyethylene lauryl ether and methoxy polyethylene glycols.
- Production Sites Linyuan 、 Yangzhou



History



● **1975** Established.

● **1978** Kaohsiung - completed EO/EG plant construction.



● **1987** IPO

● **2002** Kaohsiung - completed EA & EC plant construction.

● **2005** Kaohsiung - completed pilot plant construction.

● **2011** Yangzhou - completed EA plant construction.
Kaohsiung - completed EOD plant construction.

● **2012** Yangzhou - completed EOD plant construction.

● **2015** Kaohsiung - started GHG inventory (in accordance with ISO 14064-1).

● **2016** Yangzhou - completed EO/EG plant construction.

● **2017** Kaohsiung - completed EB plant construction.

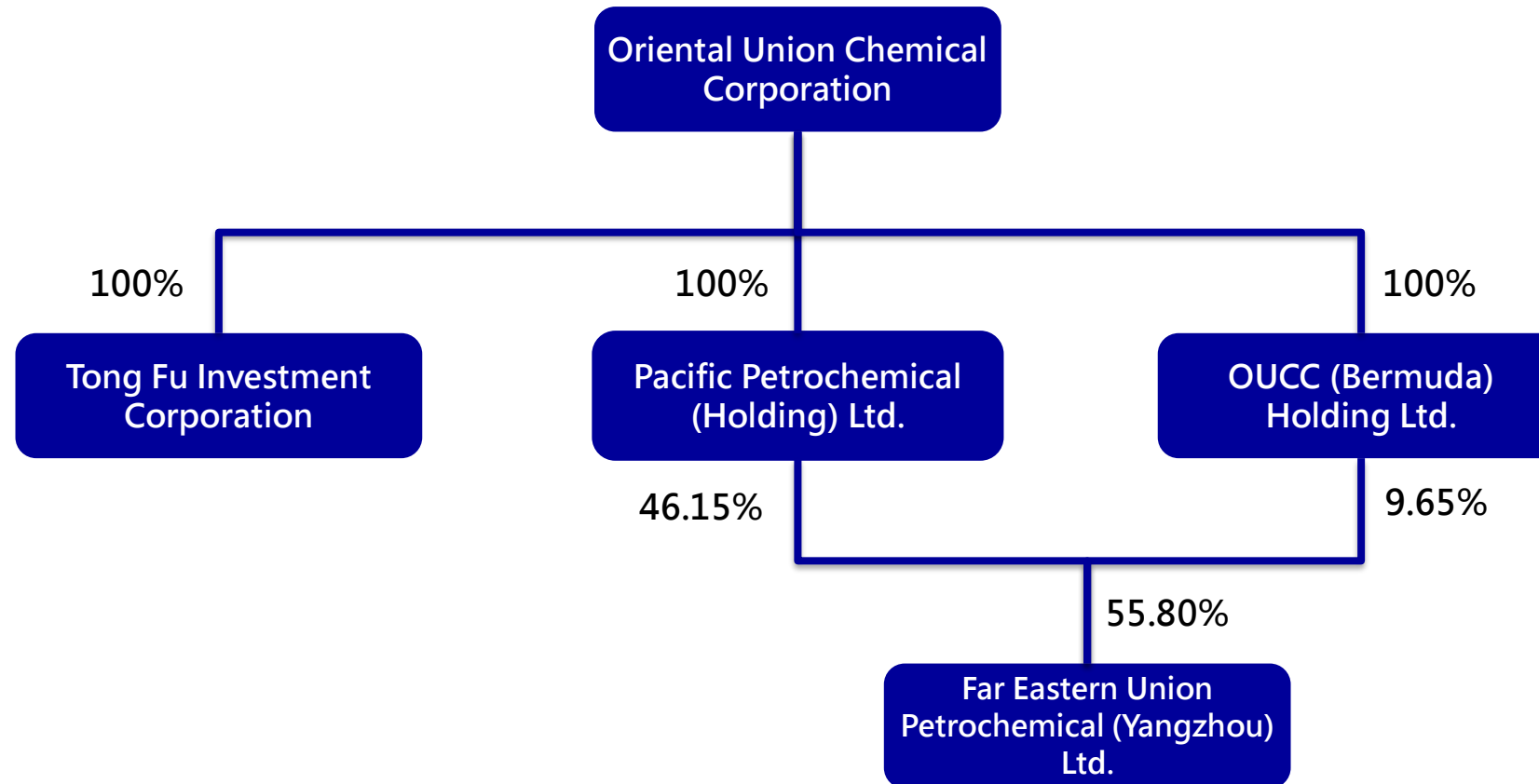
● **2022** Kaohsiung - completed E-LCO₂ plant construction.

● Kaohsiung - completed EDA, PEA & EOD-II plant construction.

Key Plants' Capacity Change:

Kaohsiung	EO/EG plant	1978: EG 125KTA
		2015: EO increased to 360KTA & EG increased to 300KTA
		2017: EG increased to 360KTA
		2002: EA(I) 40KTA
EA plant		2008: EA(II) 40KTA
		2015: EA(II) increased to 60KTA
EB plant		2017: EA(I) reconstructed to EB 20KTA
		2022: increased to 40KTA
EC plant		2002: 20KTA
		2008: increased to 60KTA
Yangzhou	EO/EG plant	2016: EO 400KTA & EG 500KTA

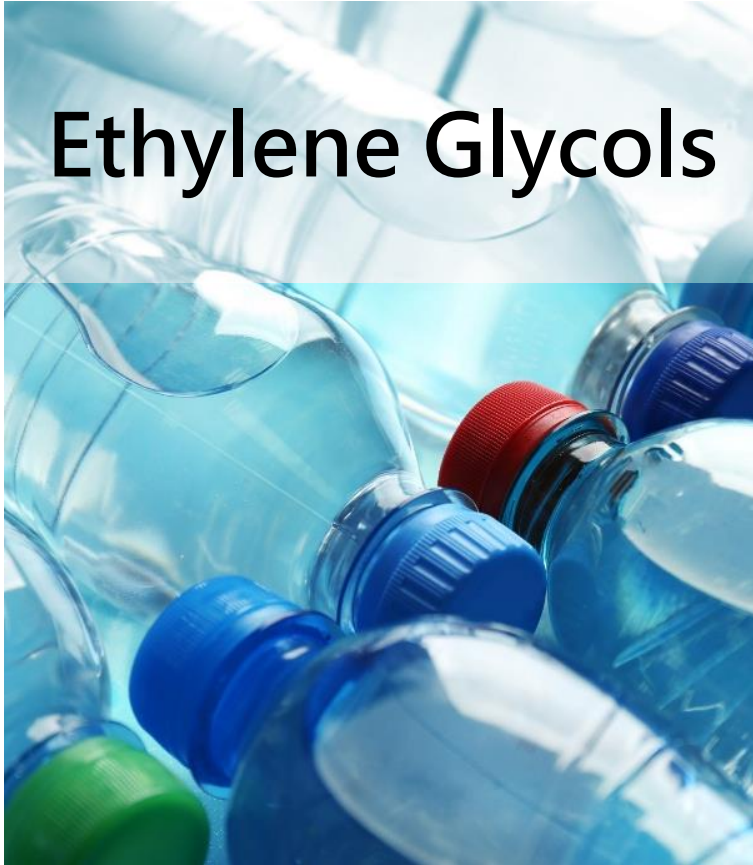
Subsidiaries Chart



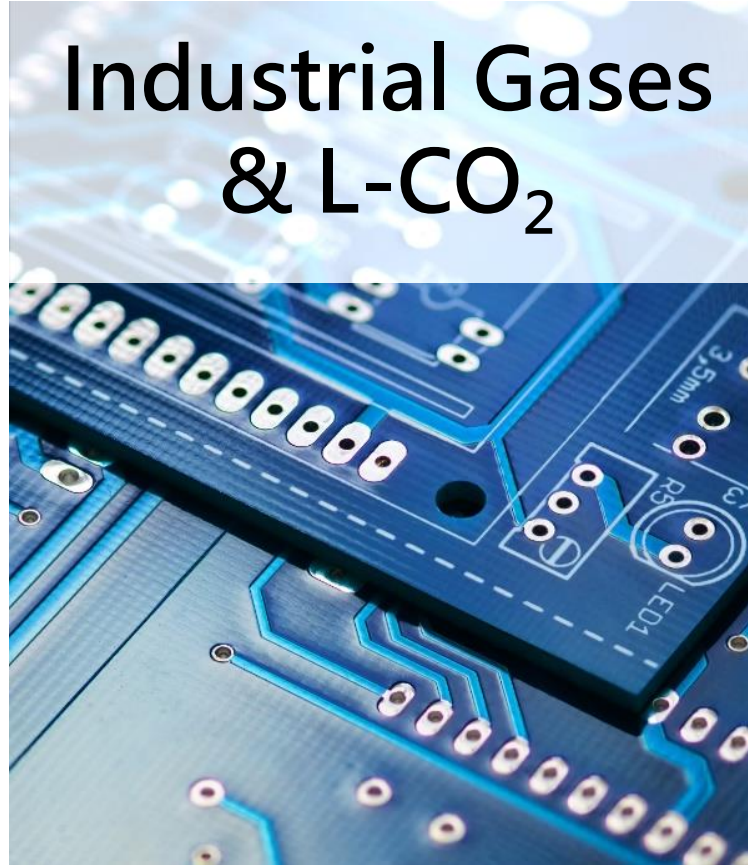


Three Business Groups

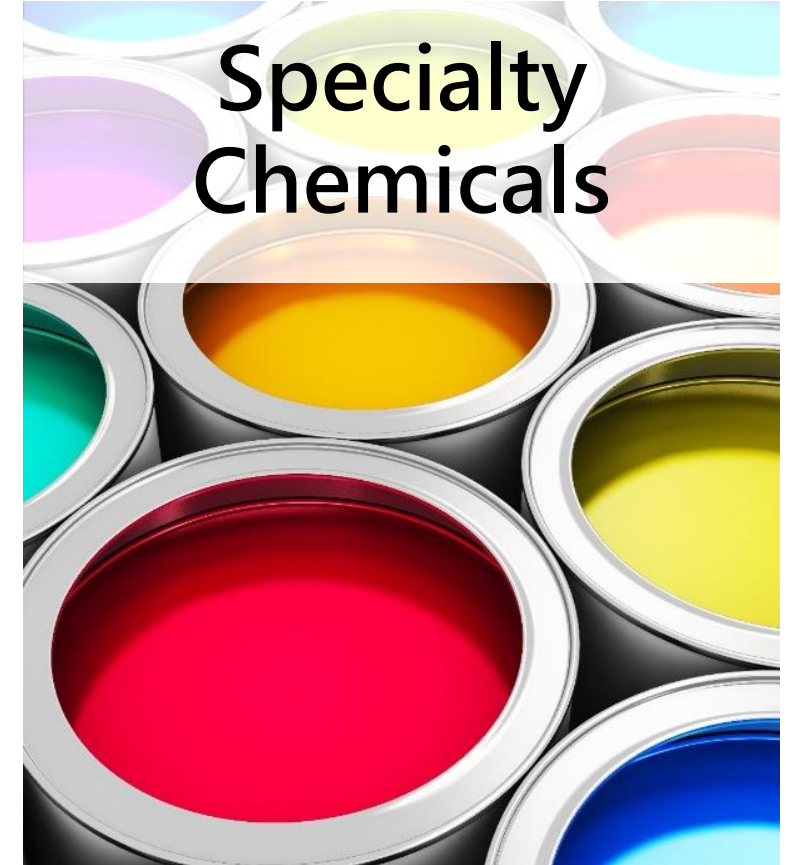
Ethylene Glycols



Industrial Gases & L-CO₂



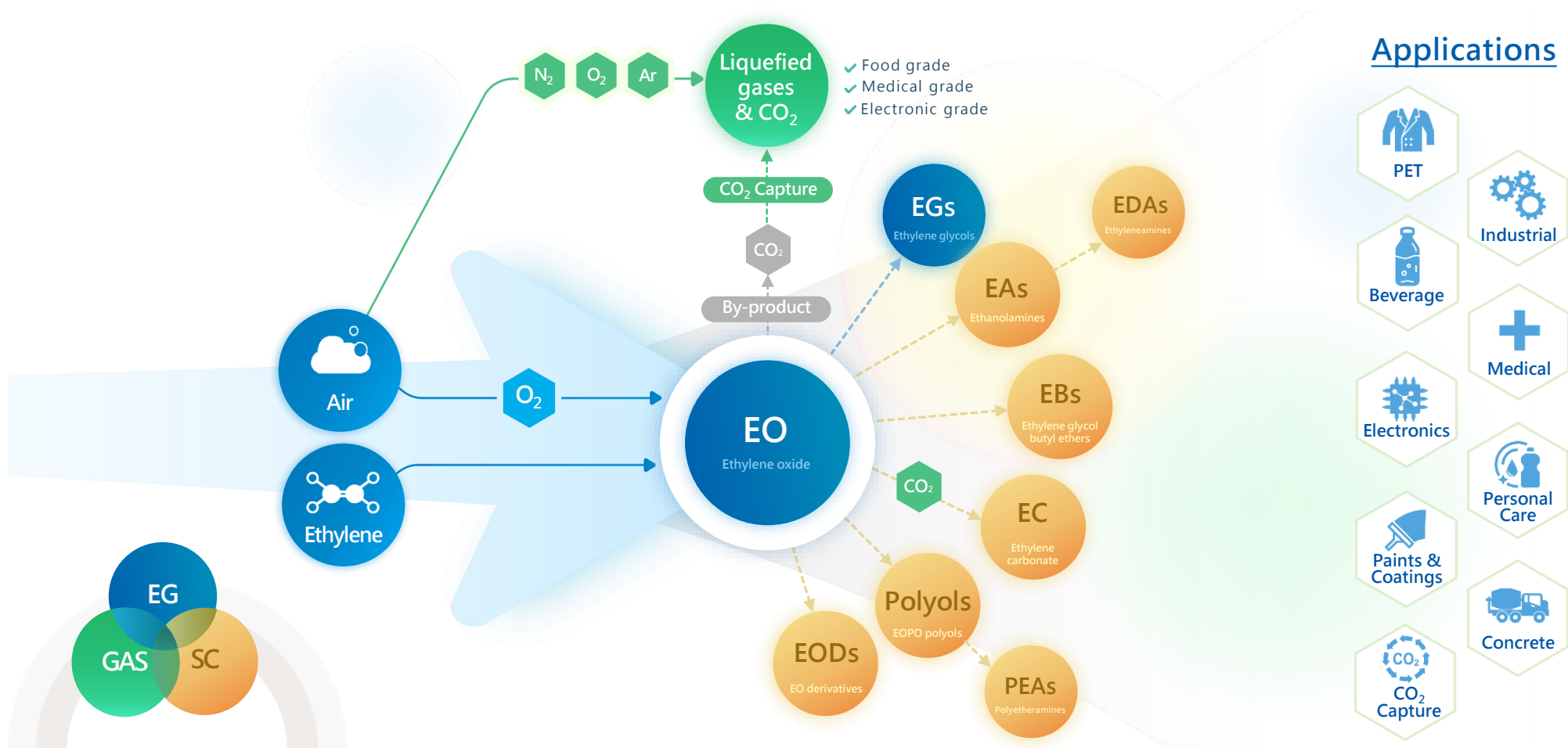
Specialty Chemicals



Product & Capacity

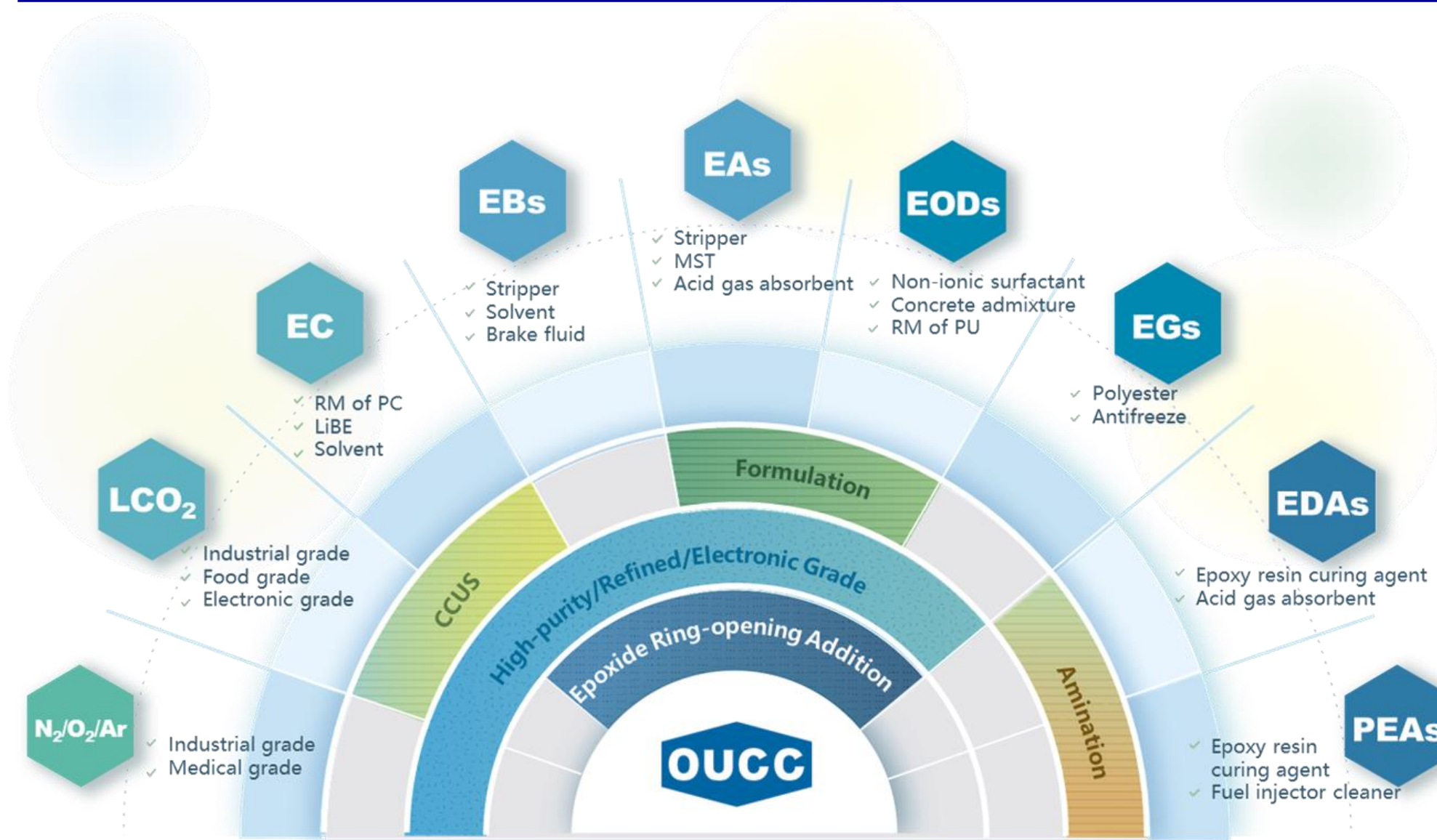
Group	Products	Linyuan	Yangzhou	Total
EG	EO	360kta	400kta	760kta
	EG	360kta	500kta	860kta
GAS	O ₂ 、 N ₂ 、 Ar	1,000kta	800kta	1,800kta
	E-CO ₂	17kta		17kta
SC	EA	60kta	40kta	100kta
	EB	30kta		30kta
	EC	80kta		80kta
	EODs	100kta	66kta	166kta
	PEA	8kta		8kta
	EDA	20kta		20kta

Product Value Chain

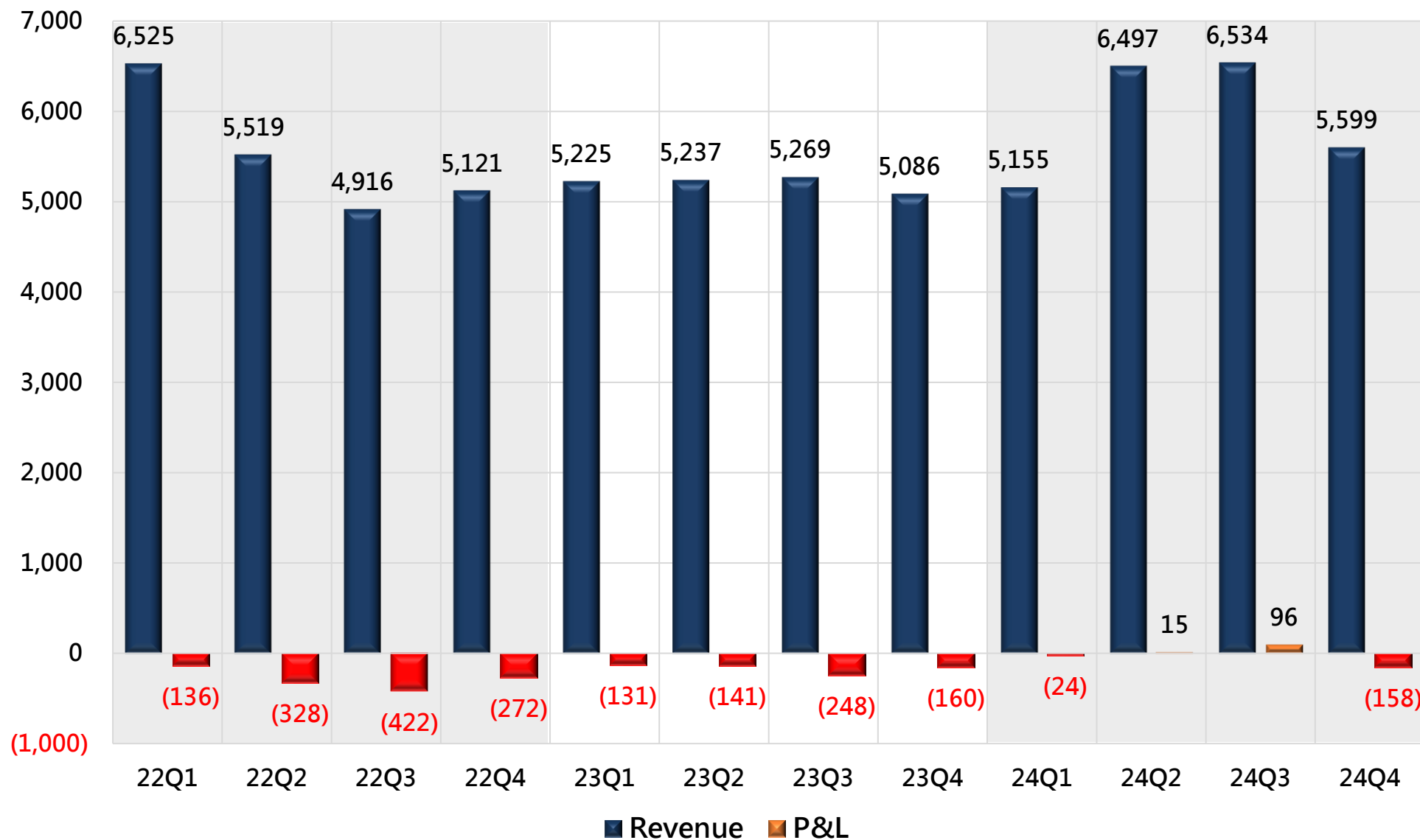




Products & Applications

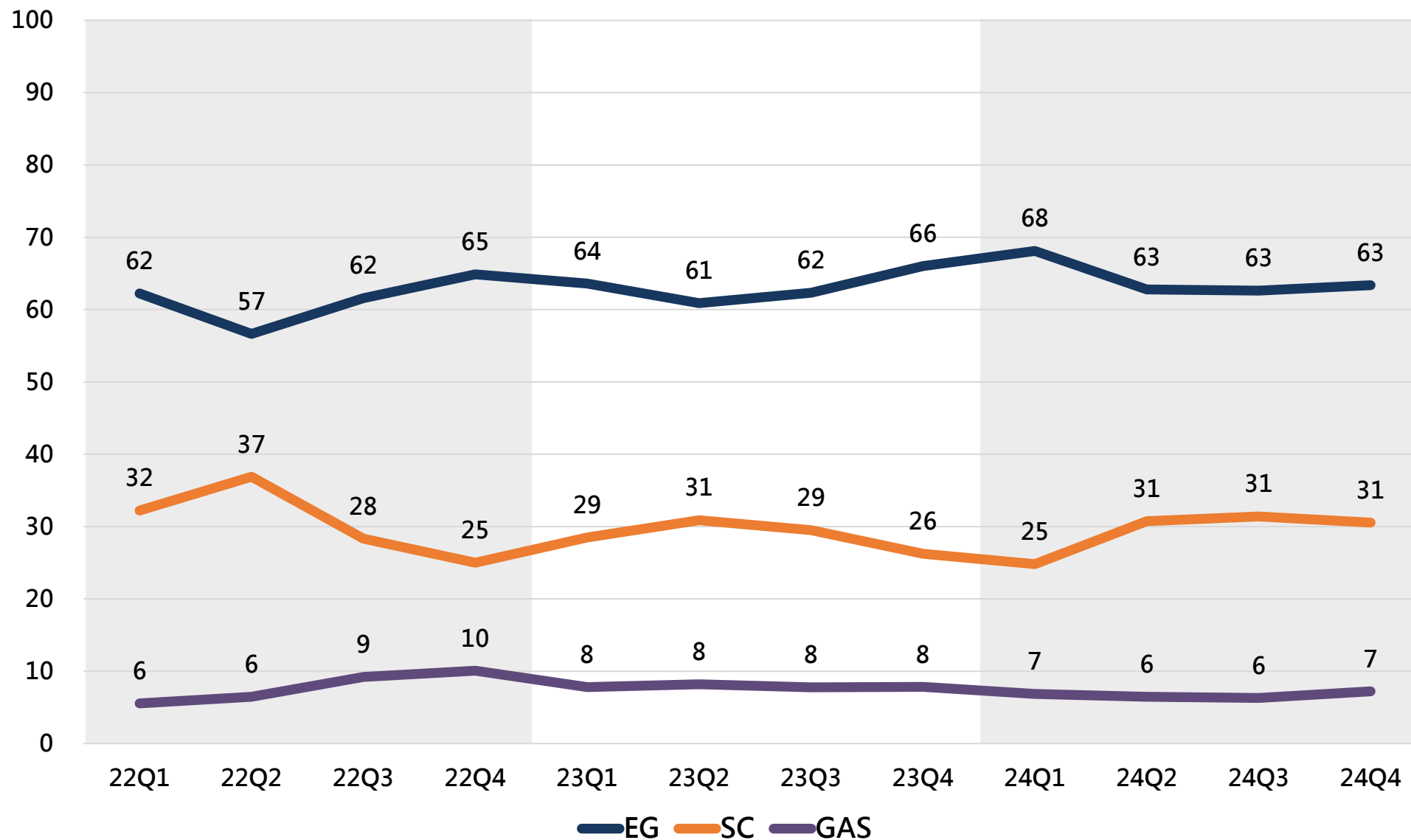


Operation Overview-Revenue、P&L

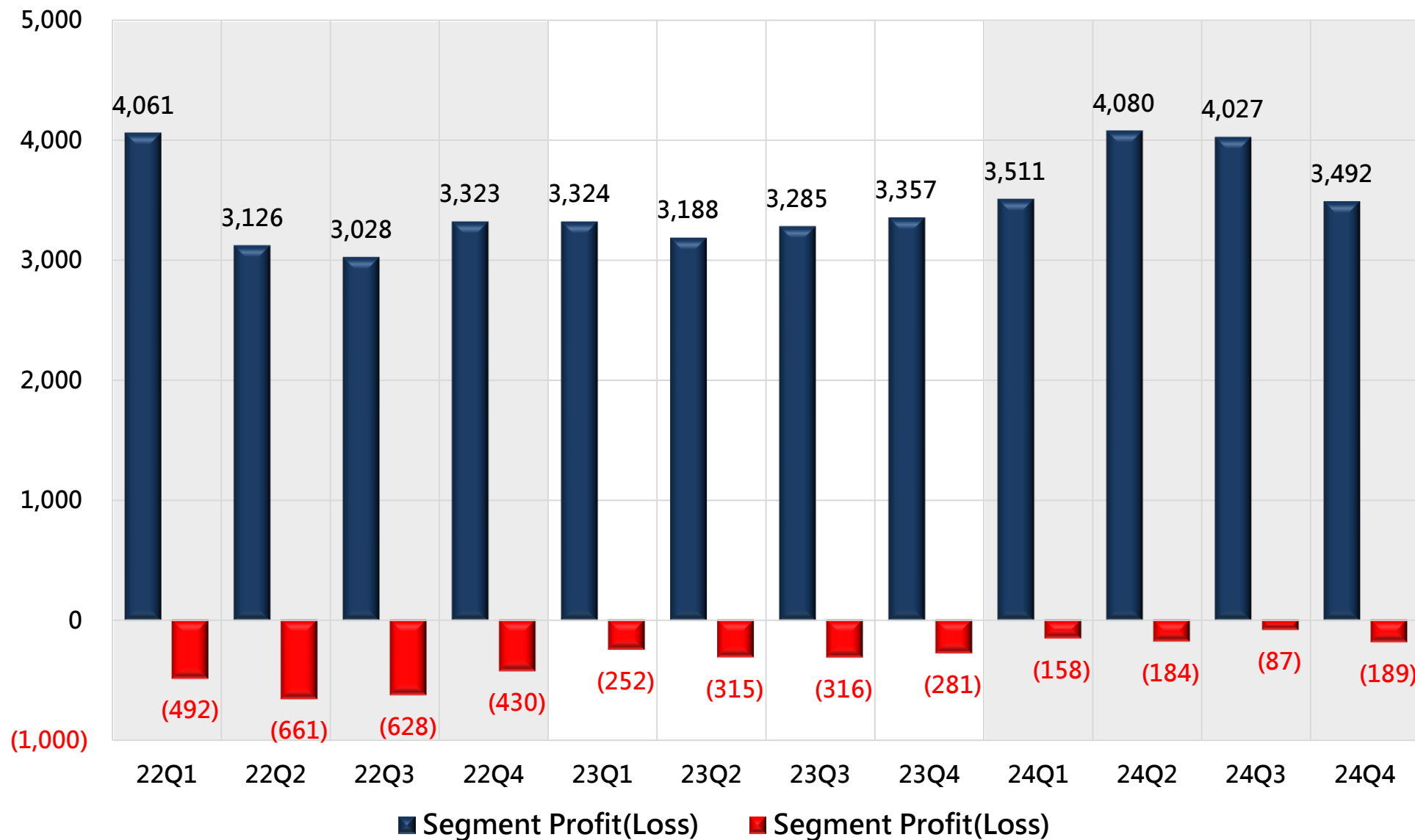


NT\$ million

Operation Overview-Sales Ratio

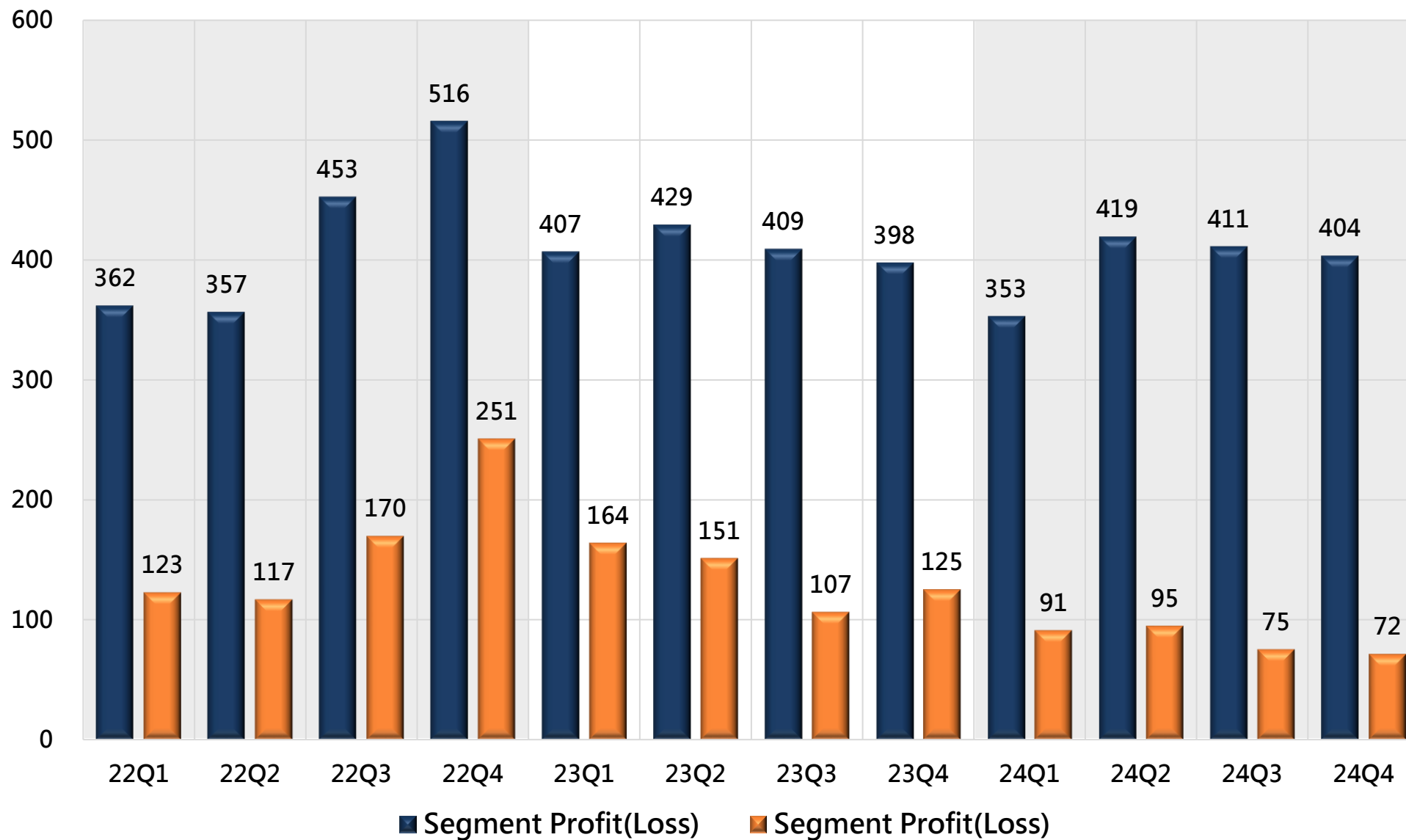


Operation Overview-EG



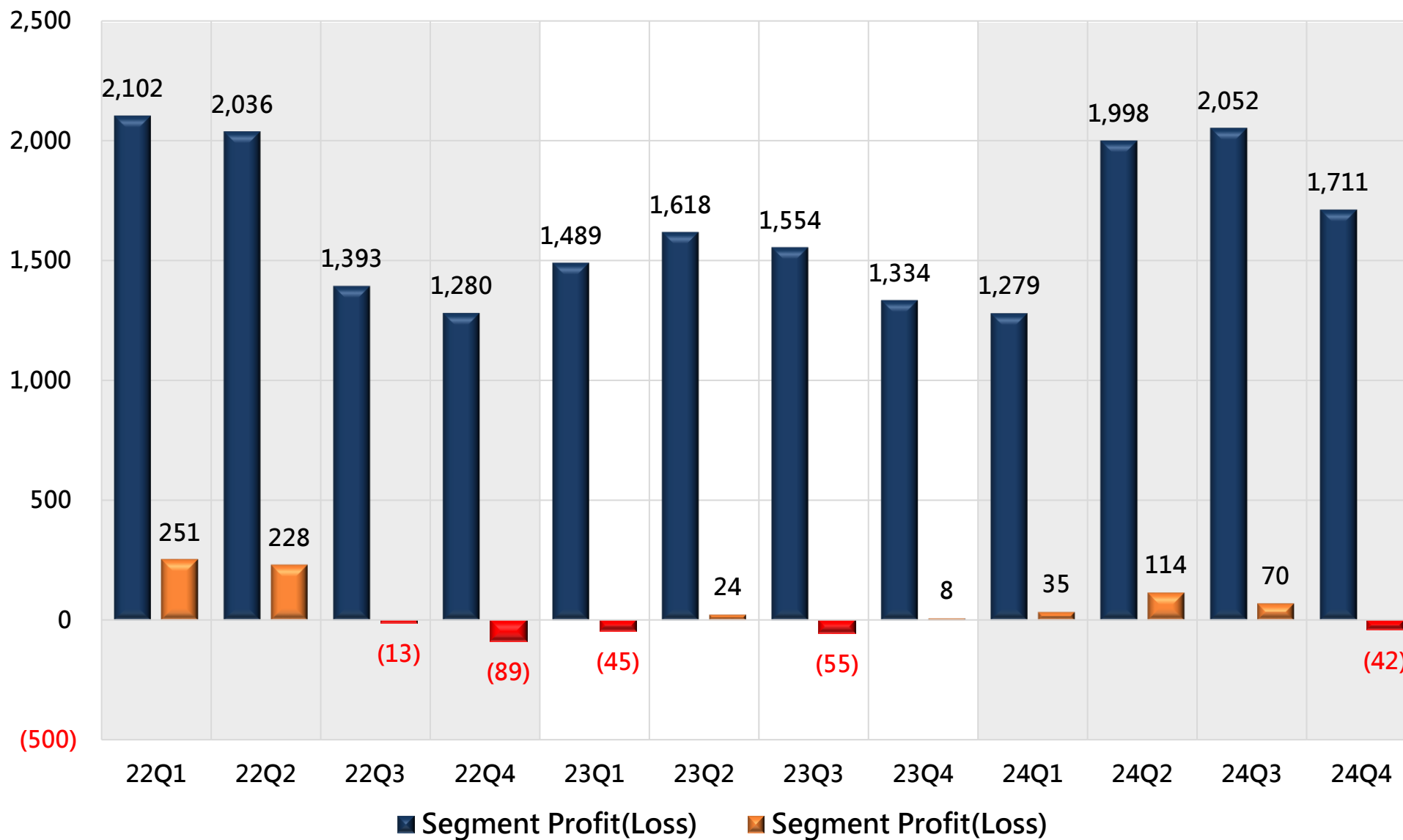
NT\$ million

Operation Overview-GAS



NT\$ million

Operation Overview-sc

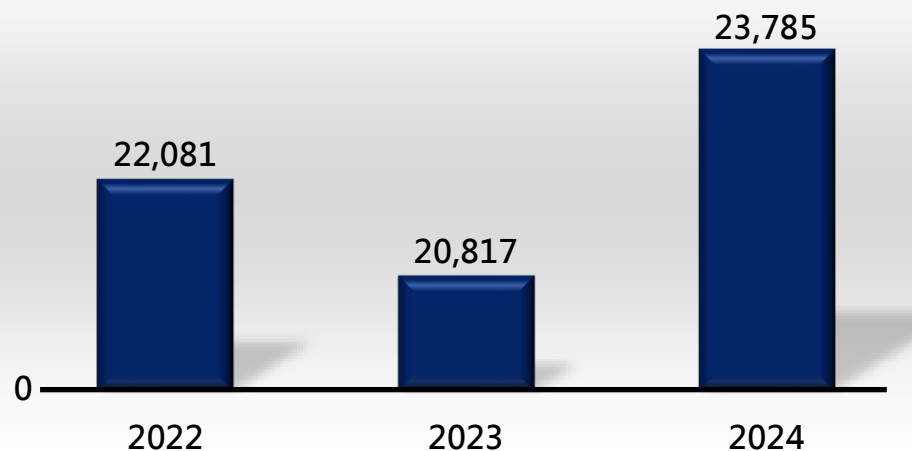


NT\$ million

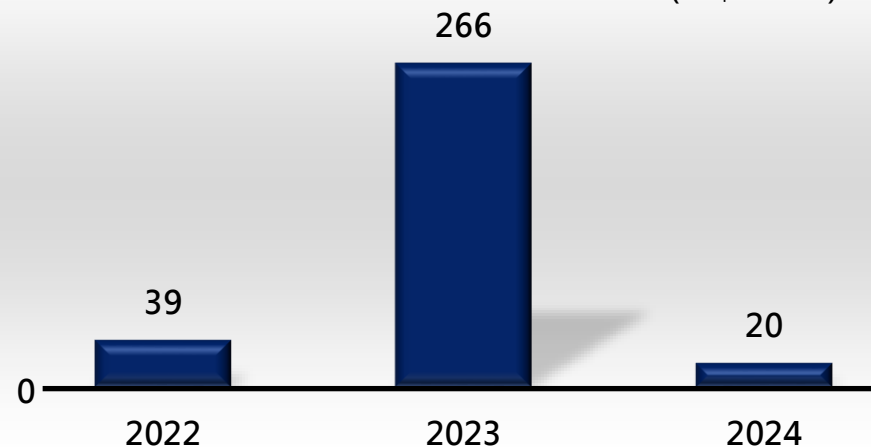


Financial Overview

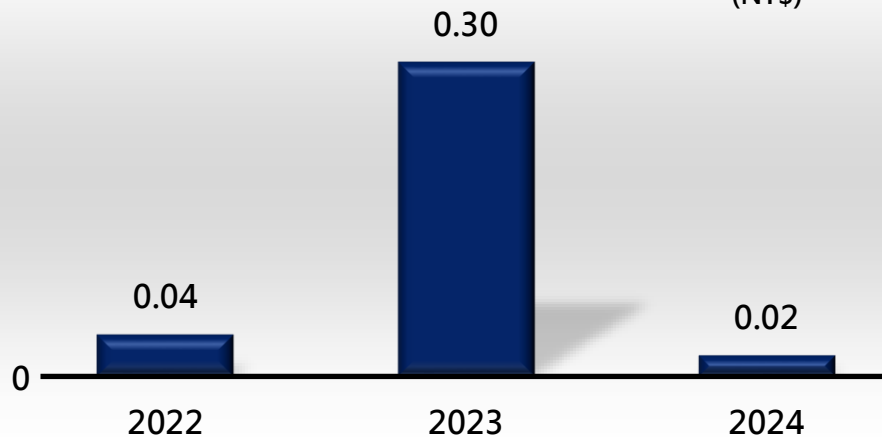
Consolidated Operating Revenue (NT\$ million)



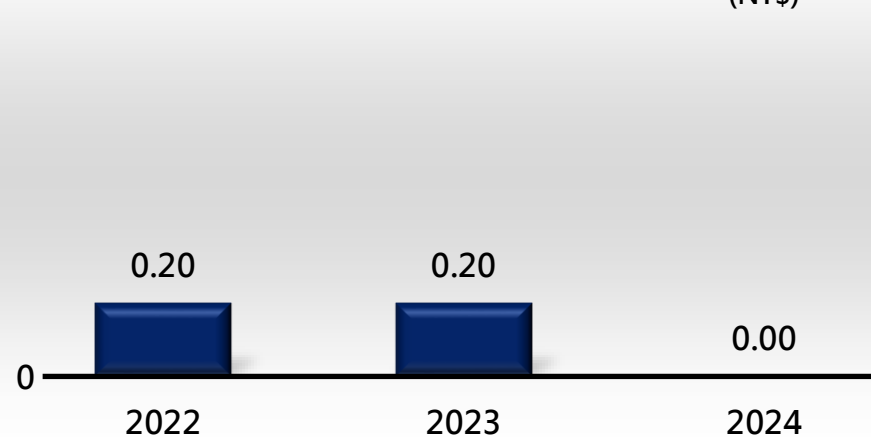
Net Profit(Loss) (NT\$ million)



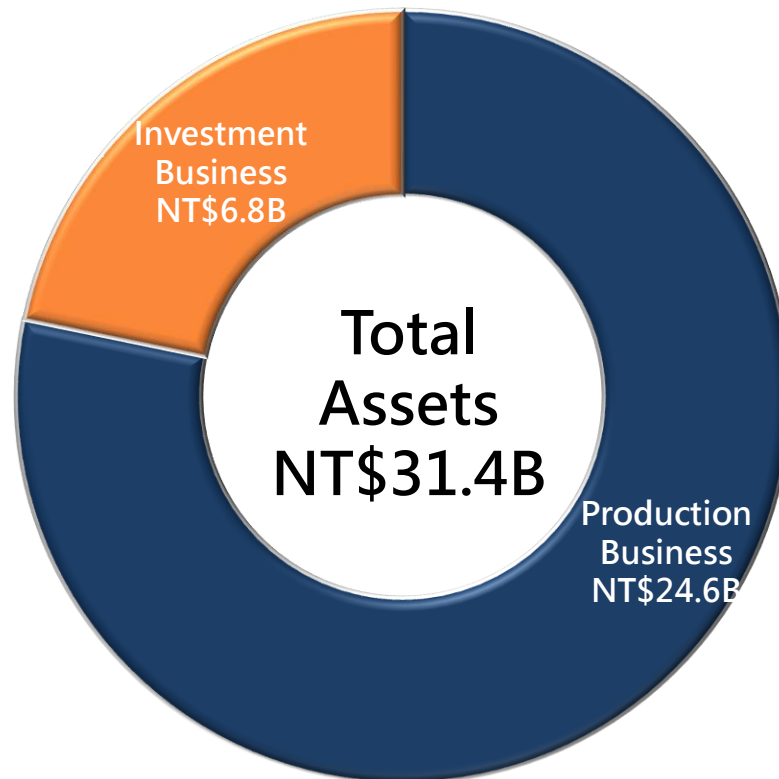
EPS (NT\$)



Cash Dividend (NT\$)



Consolidated Balance Sheets(2024/12/31)



Financial Structure

Liabilities NT\$18.0B	Interest-bearing Debt	NT\$14.7B
	Interest-free Debt	NT\$3.3B
Equity NT\$13.4B	Equity %	42%
	BVPS	NT\$12.3

Strategy(I)-Technology Transformation



- Develop green processes and green materials
- Develop plastic recycling, material modification and biodegradable polyester technologies



- Continue to invest in technology research and development, improve chemical properties, and achieve the purpose of carbon fixation and carbon reduction
- Carbon embedment, carbon capture technology and energy integration, development of CO₂ chemical low-carbon process



- Master special application chemicals and materials
- Focus on high-tech efficiency, link environmental protection, electronics, automobile and other industries with overall environmental solutions



Strategy(II)-Core Products



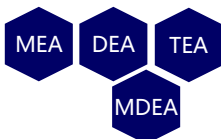
OUCC Amine series

High value products/
Independent deep processing

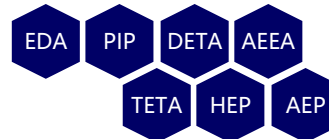
Using OUCC own products as raw materials
and deep processing technology to develop
various amine families.



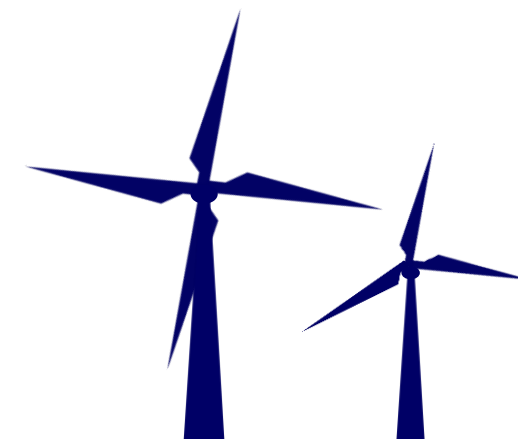
EA



EDAs



PEA



Strategy(III)-Carbon Management Targets

Schedule	Target
2023 Results	- Take 2015 as the base year, 1% reduction as the average annual target - Carbon reduction approx. 1,297 t-CO₂e/year in 2023, with a target achievement rate of 0.4% 2017-2023: cumulative reduction of 86,439 t-CO₂e, of actual reduction rate 26.9%; the target achievement rate 100% - Procured REC green power of 446,000 kW(1-31 December 2023)
Short-term (2024)	Take 2015 as the base year, 1% reduction as the average annual target
Mid-term (until 2028)	- Annual reduction target: 2% per year. - Evaluating and planning high-efficiency, low-carbon cogeneration system, and to purchase RECs
Long-term (until 2032)	- Emissions of 2030 reduced by 35% compared to 2015 - Planning the achievable targets based on Climate Change Act and the schedule of carbon reduction and net zero emissions proposed by the government's Industrial Response Team

Note:

- We have implemented a greenhouse gas inventory since 2015, which is set as the benchmark year, with the greenhouse gas emission of 320,946 t-CO₂e.
- The carbon management target calculation covers Scope 1 and Scope 2.
- CO₂ reduction calculation of scope 2: annual reduction volume / 2015 carbon emission volume=1,295 t-CO₂e / 320,946 t-CO₂e=0.4%

Strategy(IV)-Sustainable Management System



Standards

- GRI Standards : Core Option
- Sustainability Accounting Standards Board, SASB : Chemical Standard
- Task Force on Climate-Related Financial Disclosures



Environment

- ISO 14001 Environmental Management System
- ISO 14064-1 Greenhouse gases
- ISO 50001 Energy Management System



Society

- ISO 45001 Occupational Health and Safety Management System



Governance

- Regulations Governing the Preparation of Financial Reports by Securities Issuers
- ISO 9001 Quality Management Systems
- ESG Report

Thank You
Q&A



ORIENTAL UNION CHEMICAL CORPORATION