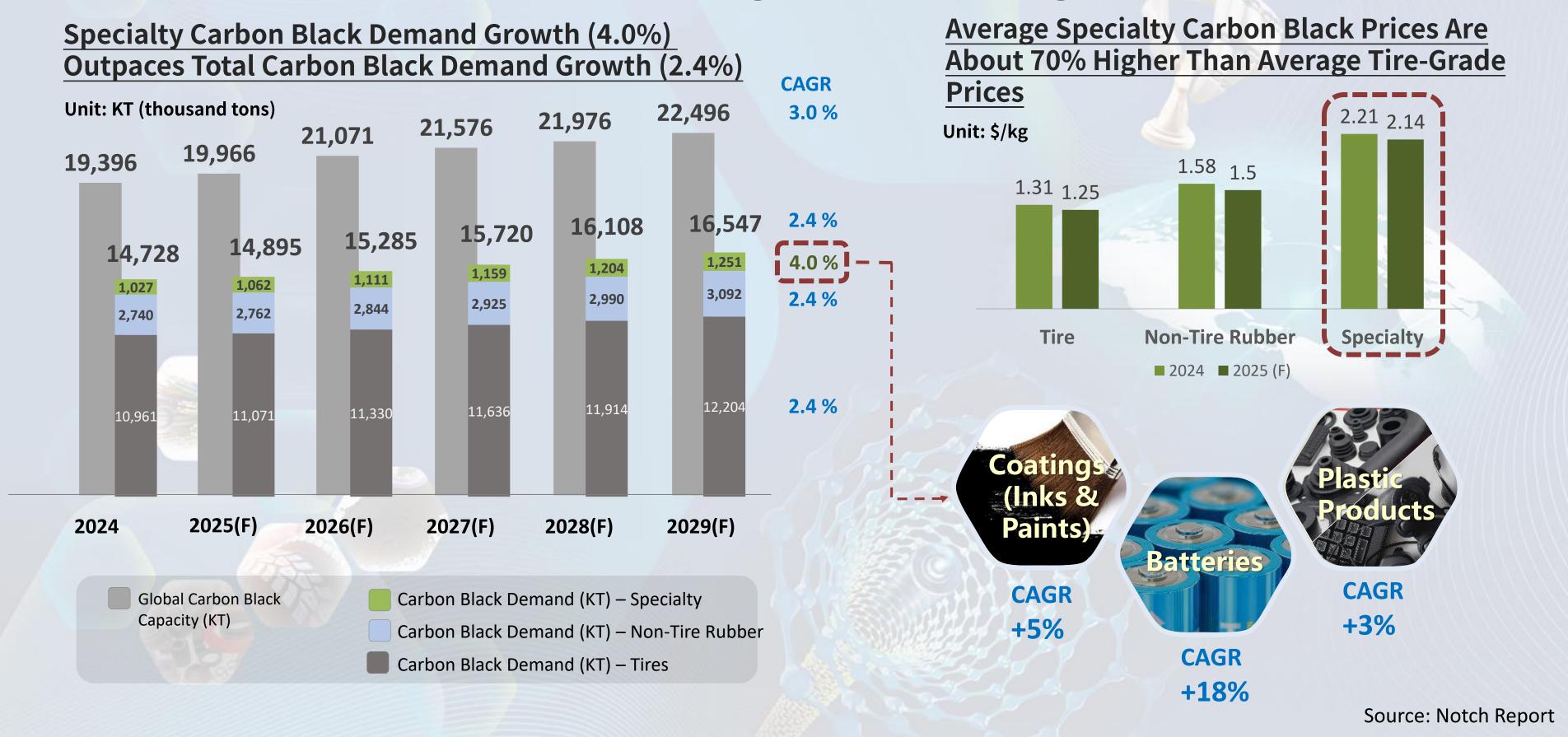


Global: Traditional Carbon Black Oversupplied, Specialty Carbon Black Drives High-Growth, High-Value Future



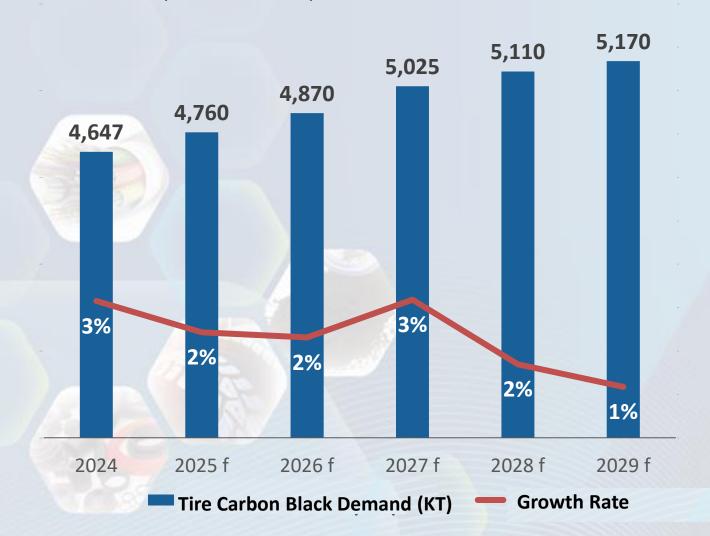
China Carbon Black Market



Moderate Growth in Tire-Grade Carbon Black Demand,
Supported by Tire Capacity Expansion and Increasing
Carbon Black Exports

Tire Carbon Black Demand CAGR 2.2%

Unit: KT (thousand tons)

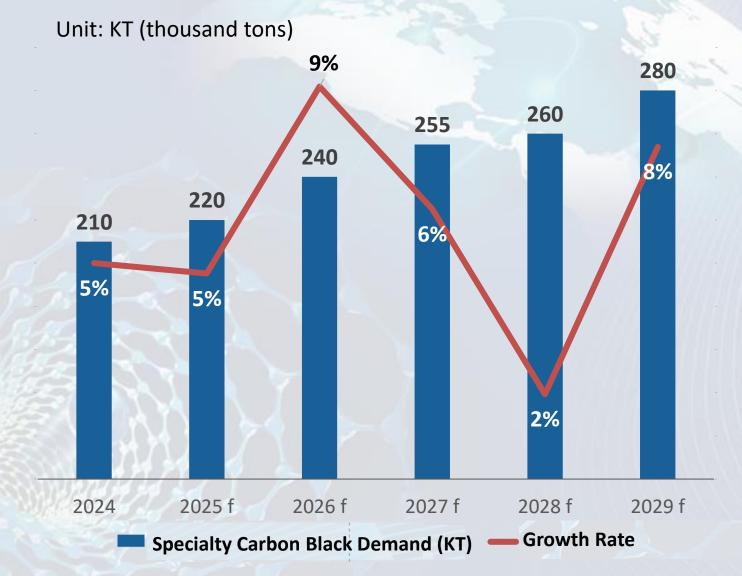


Driven by New Energy Vehicles, Demand for Conductive

Additives and Lithium-Ion Batteries Boosts Strong Growth in

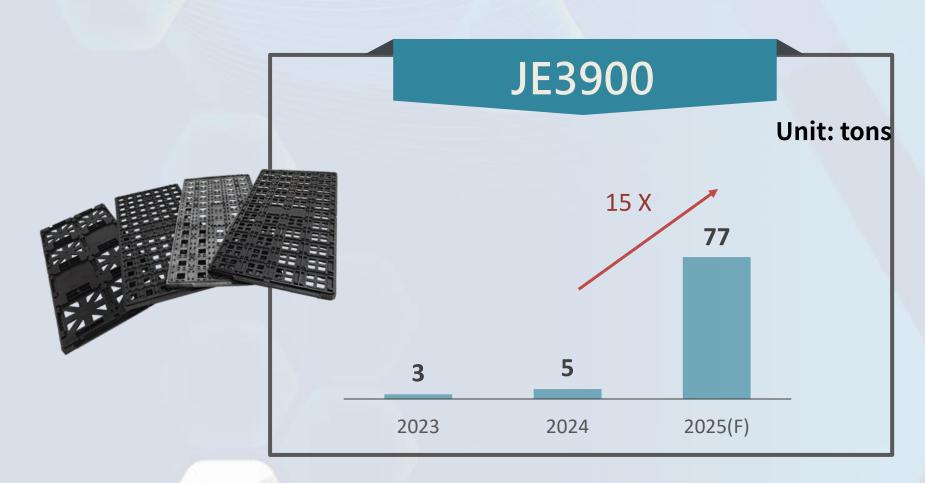
Specialty Carbon Black

Specialty Carbon Black Demand CAGR 5.9%



Source: Notch Report

Driving Growth of High-Value Specialty Carbon Black – JE3900 & JE6900



JE3900 - High Growth, High Performance

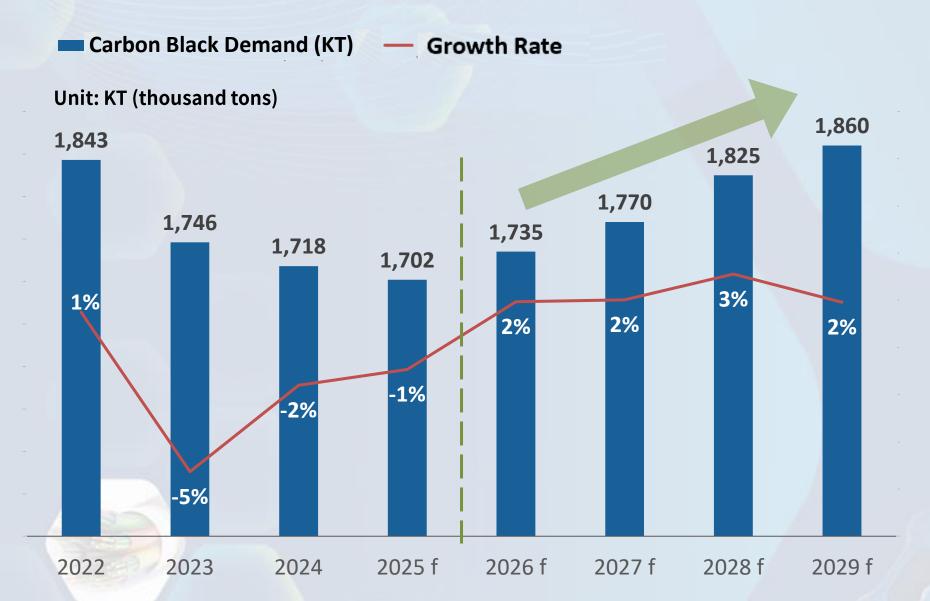
- Benefiting from Taiwan's booming AI industry and China's semiconductor localization policies, demand for IC packaging carriers (IC trays) has risen rapidly, driving related conductive plastic component requirements
- As chip specifications continue to advance, conductive performance requirements become more stringent, supporting strong volume growth for high-end conductive plastic products



JE6900 - Broad Applications, Strong Outlook

- Primarily used in cable shielding materials and conductive plastic compounds
- Rapid EV growth is driving power grid upgrades; mid-to-high voltage cables now require enhanced material performance
- At major global plastics exhibitions in 2025 (e.g., K Show, Chinaplas), governments worldwide are expected to accelerate infrastructure upgrades, creating sustained business opportunities for power cable markets

U.S. Carbon Black Market



- Market Overview: After peaking in 2022, U.S. demand for tires and rubber goods softened in 2023, resulting in a short-term contraction in carbon black consumption. Strong tire import volumes continue to strike local tires and carbon black demand
- Mid- to Long-Term Capacity Expansion: From 2024 to 2029, North American tire manufacturers have announced approximately USD 5.7 billion in capacity-expansion investments
- Notch Report: Despite recent softness in domestic demand, ongoing investments by major U.S. tire
 manufacturers and the continued growth of specialty carbon black applications are expected to
 underpin a recovery in U.S. carbon black demand beginning in 2026

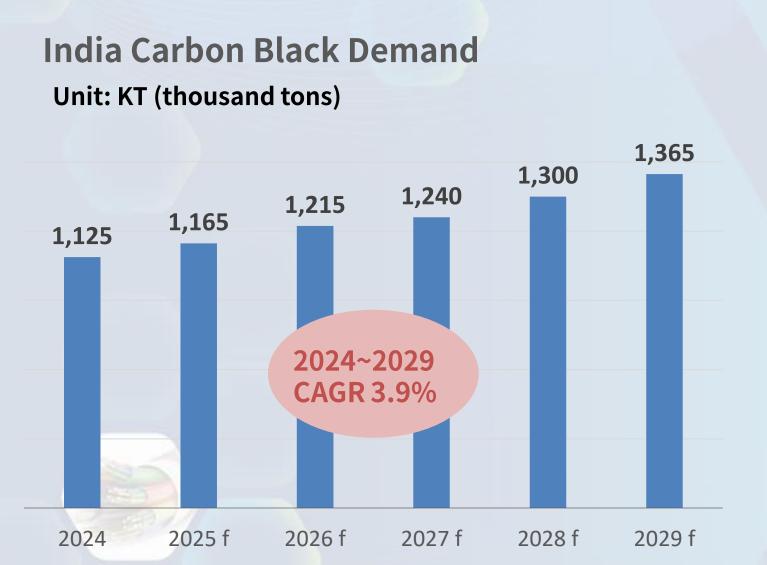


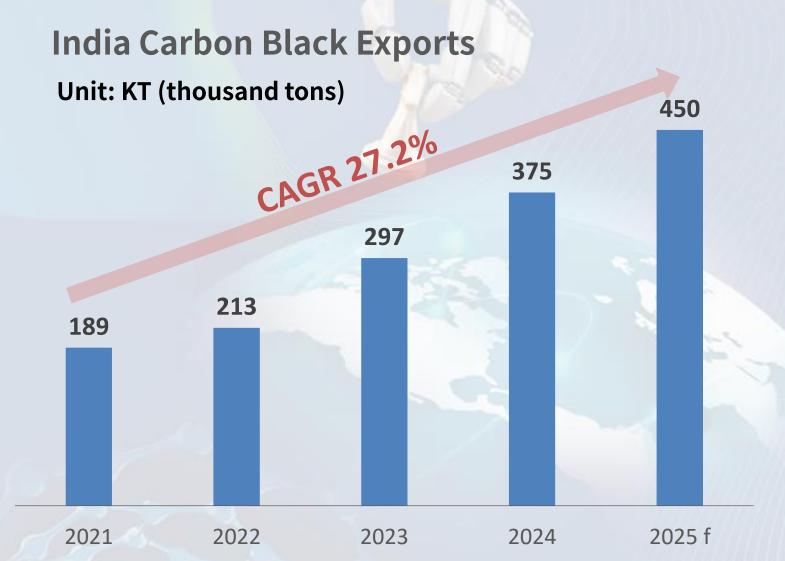
North American Tire Man	ufacturers – Ca _l	pacity Expansion		
Investment Amount (USD million) Location				
WHANKOOK driving emotion	1600	US		
GOODFYEAR COOL	870	US Canada		
BRIDGESTONE	550	US		
MICHELIN	330	US Canada		

Source: Notch Report

India Carbon Black Market







- India is the fastest-growing carbon black market in Asia, with a projected 2024–2029 CAGR of 3.9%, driven primarily by sustained growth in automobile production (CAGR 3.7%, well above the global average of 1.5%)
- From 2024 to 2029, global and domestic tire manufacturers are expected to invest **USD 1.2 billion** in new tire production capacity in India. India's local carbon black producers are also expanding capacity
- Supported by lower labor costs and strategic geographic positioning, India is emerging as the major supply base for markets outside Asia, driving strong export growth in carbon black

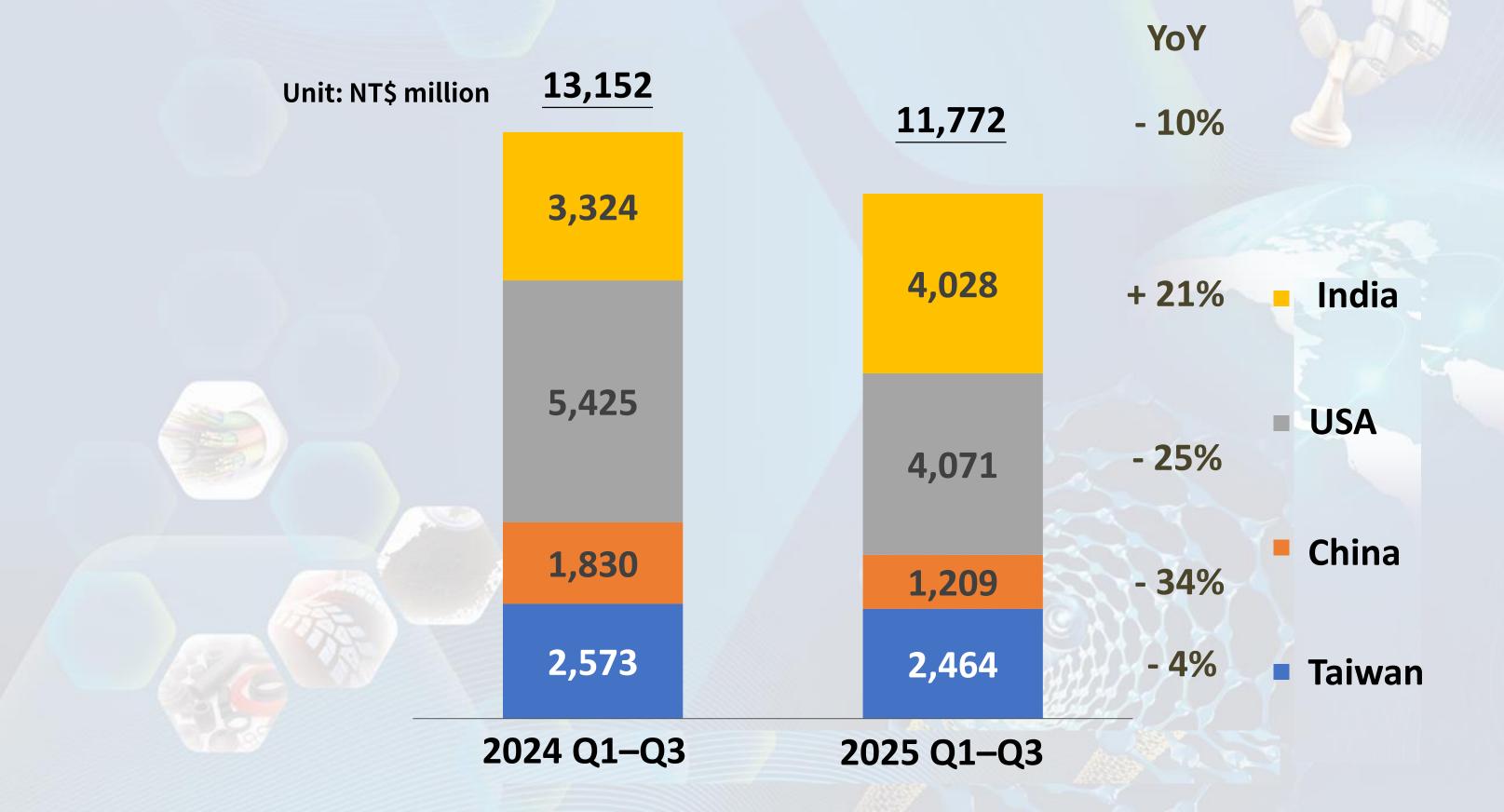


2025 First Three Quarters Operating Performance

	2025 Q1–Q3	2024 Q1–Q3	YoY	Explanation Unit: NT\$ million
Operating Revenue	12,024	13,415	(1,391)	 Revenue decreased by NT\$1.39bn, mainly due to a mechanical failure at the U.S. plant which impacted production volume; U.S. sales volume in 2025 Q1–Q3 declined nearly 30% YoY
Operating Costs	(12,385)	(12,256)	(129)	• Operating costs increased slightly, mainly due to a significant capacity ramp-up at the India new plant the start of depreciation
Gross Profit	(361)	1,159	(1,520)	 Gross profit decreased by NT\$1.52bn, primarily due to the U.S. plant mechanical failure which reduced production and raised fixed cost per unit
Operating Expenses	(1,056)	(1,007)	(49)	
Non-operating Income (Loss)	(2,041)	(734)	(1,307)	 Recognized a one-time non-cash loss of NT\$2.28bn from the 14% equity stake in TCC recycle energy technology company., impacting EPS by NT\$2.35 In 2025 Q1—Q3, the U.S. region recognized one-time insurance gains, while in the same period last year, the China region recognized asset impairment. These one-time effects partially offset each other; overall non-operating losses increased by about NT\$1.3bn YoY
Net Income	(3,445)	(1,687)	(1,758)	
Net Income Attributable to Parent Company	(3,294)	(1,653)	(1,641)	
EPS	(3.4)	(1.7)	(1.7)	• Excluding one-time non-cash loss, 2025 Q1–Q3 EPS would be approx. NTD –1.05

2025 First Three Quarters – Carbon Black Revenue by Region





2025 Strategy Execution

CSRC &

United States

- Due to the generator failure at the Ponca plant in late 2024, production was impacted. Production utilization in Q1 2025 was only 60%, rising to 70% for the first three quarters
- The new generator was commissioned in **November**
- We simultaneously added a steam backup line to prevent similar incidents from affecting production again

China

- Began selling steam to stabilize output and diversify revenue sources
- The sell and close of the Chongqing and Anshan plants are expected to reduce losses by approximately NT\$550 million per year



Unit: NTD	Average Annual Net Loss (FY19–23)
Anshan	410 M
Chongqing	140 M
Total	550 M



 Starting June 2025, the new CCET plant has been operating for all four production lines. Annual capacity increase from 98,000 tons to 129,000 tons



- Major overhaul and equipment upgrade completed from May to August
- Completed long-term steam supply contracts to enhance profitability

Regional Strategies and Future Outlook

Turkey

CSRC &

United States

- The new generator is now up and running, and production utilization is expected to remain above 85%, losses are expected to narrow significantly.
- With the U.S. imposing a 50% carbon black tariff on India, the competitive advantage of U.S. manufacturing continues to emerge

Trial production is planned to begin in Q4 2026, making it the only carbon black plant within Turkey

- Major local tire manufacturers have expressed strong interest in local sourcing, with potential future supply to European customers.
- Annual designed production capacity is 170,000 tons

China

- Benefiting from the rapid growth of EV and semiconductor sectors, driving demand for specialty carbon black
- Began selling steam to stabilize production output and diversify profit sources



India

 Maintaining stable operations and capturing growth opportunities



Taiwan

- Production is expected to remain stable next year with lower off-spec rates
- As domestic demand softens, the company will increase the proportion of export sales



All regions continue to evaluate the potential for industry consolidation and strategic partnerships.