

Since 1969



集盛實業股份有限公司
ZIG SHENG INDUSTRIAL CO., LTD.

2025 Investor Conference

Ticker: 1455 TT



DEC 12, 2025

INNOVATION / SPECIAL / FUNCTION / INTEGRATION / ENVIRONMENT

COMPANY PROFILE

www.zigsheng.com

- 1969 Company established & DTY 1st plant start up
- 1993 Listed on the Taiwan stock exchange
- 1997 DTY 3rd plant start up
- 2000 Nylon spinning 1st plant start up
- 2001 Nylon polymerization 1st plant start up
- 2004 “Innovative R&D center” founded.
- 2006 Nylon polymerization 2nd plant start up
- 2006 Compounding plant start up
- 2012 ATY plant, nylon spinning 2nd plant start up
- 2014 ISO 14001 certified
- 2015 GRS certified
- 2017 Published 2016 CSR report
- 2018 Established 878KW solar power plant
- 2020 New polyester spinning production line start up
- 2022 Established 559KW solar power plant
- 2023 PA66 polymerization plant start trial production
- 2024 New rental residential building in Guanyin operate
- 2025 Established 800 KWH energy storage system in Guanyin 2nd plant

11 PRODUCTION PLANTS

FIBER BUSINESS DIVISION

3 DTY Plants



DTY Plant I
1969



DTY Plant II
1992



DTY Plant III
1997

2 Spinning Plants



Spinning Plant I
2000



Spinning Plant II
2012



ATY Plant 2012

1 ATY Plant

CHEMICAL MATERIALS DIVISION

3 Nylon Polymerization Plants, 1 Engineering Plastic Plant, 1 Water Material Plant



Nylon Polymerization
Plant I, 2001



Nylon Polymerization
Plant II, 2006

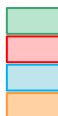


Nylon Polymerization
Plant III, 2013

MAIN PRODUCTS

Internal
use
product

Sale
product



Nylon Products

1 Nylon 6 Chip

2 Engineering
Plastics

3 Nylon Filament

4 Nylon DTY/ATY

8 Nylon 66 Chip



CPL

尼龍6粒
Nylon6 Chip (1)

尼龍6原絲
Nylon 6 Filament (3)

尼龍6加工絲
Nylon 6 DTY / ATY (4)

工程塑料
Engineering Plastics (2)

Polyester Products

5 Polyester
Filament

6 Polyester
DTY/ATY

7 Recycled
Polyester Chip

PTA,
EG

Polyester Chip

聚酯原絲
Polyester Filament (5)

聚酯加工絲
Polyester DTY / ATY (6)

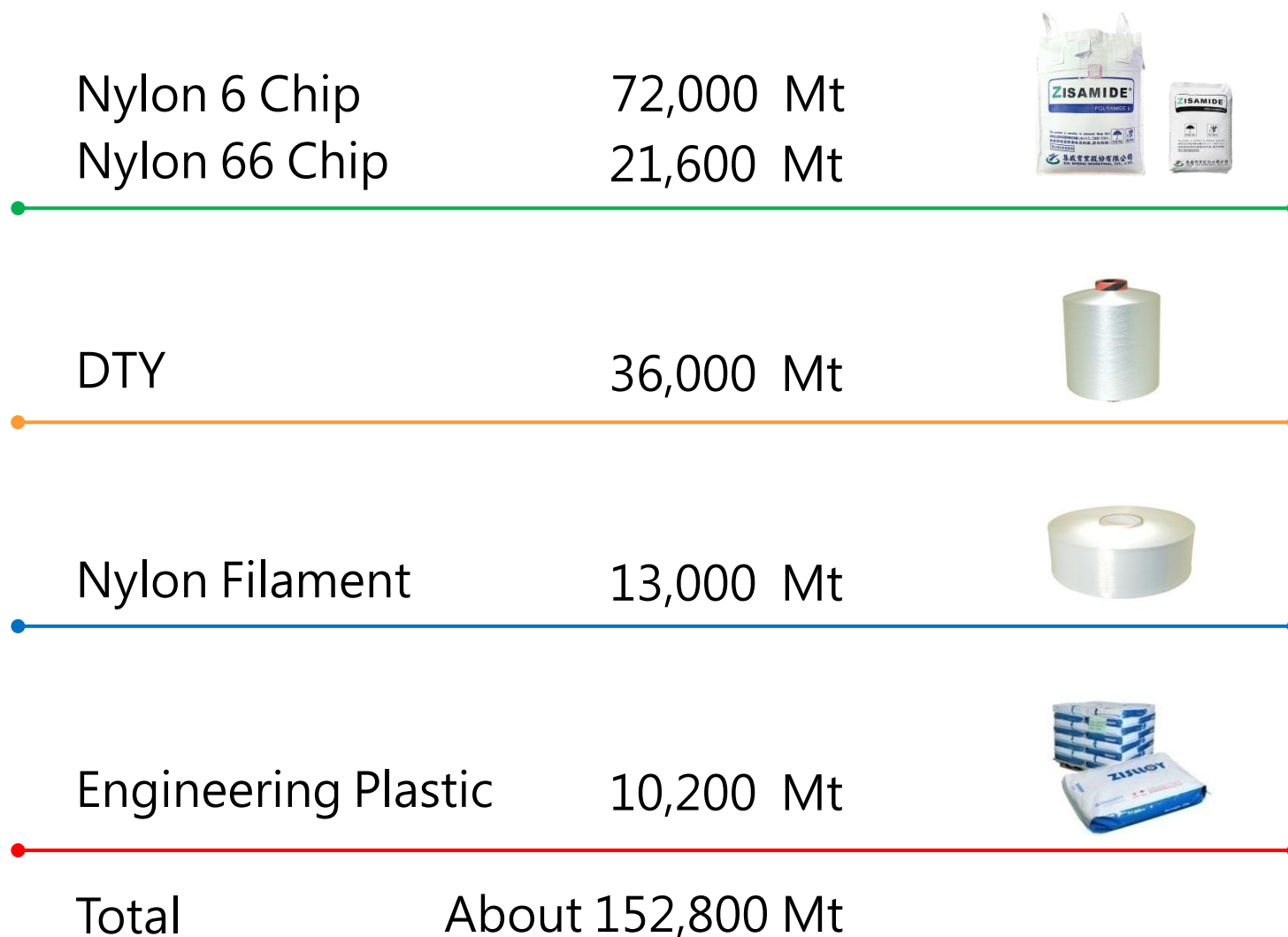
Bottle
Flakes

再生聚酯粒
Recycled Polyester
Chip (7)

再生聚酯原絲
Recycled Polyester
Filament (5)

再生聚酯加工絲
Recycled Polyester
DTY / ATY (6)

PRODUCT ANNUAL PRODUCTION CAPACITY



PRODUCT SALES BREAKDOWN

Unit : NTD million

Sales Breakdown	2025		2024		2023		2024	
	Q1-Q3		Tot		Tot		Q1-Q3	
	Amount	%	Amount	%	Amount	%	Amount	%
 Nylon Chip	1,895	38.0	4,876	51.7	3,757	48.5	3,873	52.9
 DTY	2,083	41.8	2,954	31.3	2,386	30.8	2,217	30.3
 Filament	524	10.5	881	9.3	1,057	13.7	678	9.3
 Engineering Plastic	342	6.8	609	6.5	531	6.9	478	6.5
Others	143	2.9	107	1.2	10	0.1	73	1.0
Tot	4,987	100	9,427	100	7,741	100	7,319	100

SALES BREAKDOWN BY PRODUCTS 2025 Q1-Q3

Turnover : USD 159,650,000 (NTD 4.99 bn) Domestic : 58% / Export : 42%

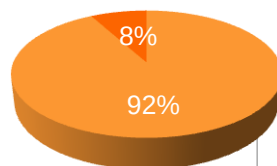
Fiber Division



DTY

Domestic 92%
Export 8%

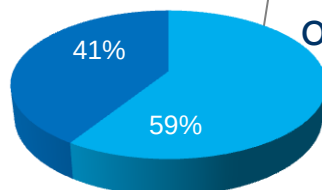
- Southeast Asia 3.4%
- North America 2.8%
- Middle East 0.9%
- Northeast Asia 0.3%
- Others 0.6%



Filament

Domestic 59%
Export 41%

- South Asia 20.7%
- Southeast Asia 15.8%
- China 3.7%
- Northeast Asia 0.8%
- Others 0%

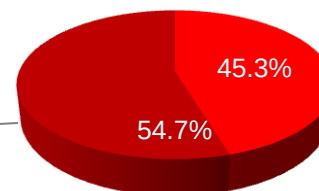


Chemical Material Division

Engineering Plastic

Domestic 45.3%
Export 54.7%

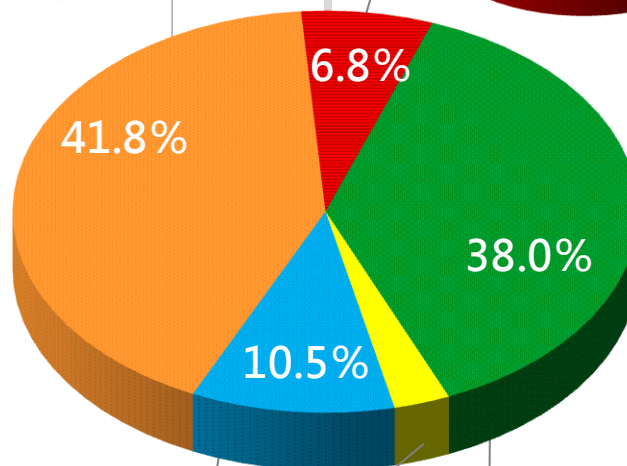
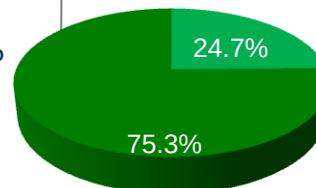
- Southeast Asia 26.4%
- Africa 15.1%
- China 5.6%
- North America 2.3%
- Oceania 3.3%
- Others 2.0%



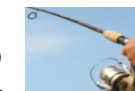
Nylon Chip

Domestic 24.7%
Export 75.3%

- Northeast Asia 46.0%
- South Asia 8.1%
- Southeast Asia 17.7%
- North America 1.7%
- Others 1.8%



Others 2.9%



INCOME STATEMENTS

Unit : NTD million

Item	2025		2024		2023		2024	
	Q1-Q3		Tot		Tot		Q1-Q3	
	Amount	%	Amount	%	Amount	%	Amount	%
Operating Revenue	4,987	100	9,427	100	7,741	100	7,318	100
Gross Profit	(120)	(2.4)	140	1.5	(149)	(1.9)	177	2.4
Operating Expenses	259	5.2	406	4.3	366	4.7	319	4.4
Operating Profit	(379)	(7.6)	(266)	(2.8)	(515)	(6.7)	(142)	(1.9)
Non-operating Income & Expenses	(40)	(0.8)	248	2.6	213	2.8	211	2.9
Profit Before Income Tax	(419)	(8.4)	(18)	(0.2)	(302)	(3.9)	69	0.9
Tax (Exp) Gain	68	1.4	23	0.2	62	0.8	7	0.1
Profit after Income Tax	(351)	(7.0)	5	0.1	(240)	(3.1)	76	1.0
EPS (NTD)	(0.66)		0.01		(0.45)		0.14	

FINANCIAL INDEX

Unit : NTD million

Item	2025 Q3	2024	2024 Q3	2023	2022
Receivables	5.16	10.65	13.40	13.56	8.25
Inventory	12.55	20.04	20.76	17.91	18.81
Fixed assets	44.02	45.88	46.30	47.58	45.48
Total assets	93.45	110.11	111.58	103.09	91.83
Long short-term loans	25.94	34.38	33.08	26.90	15.30
Capital	53.17	53.17	53.17	53.17	53.17
Liabilities ratio	36.3%	42.7%	42.8%	38.8%	28.2%
Current ratio	271.5%	187.3%	125.8%	164.2%	149.6%
Book value per share (NTD)	11.2	11.9	12.0	11.9	12.4

Net Zero Transformation Strategy

Environment Protection

- Greenhouse gas emissions management
- Carbon emission benefits of green products



Process improvement

- Replace high-efficiency equipment

Energy conversion

- Established solar power plant
- Exchange coal into natural gas
- Established energy storage system

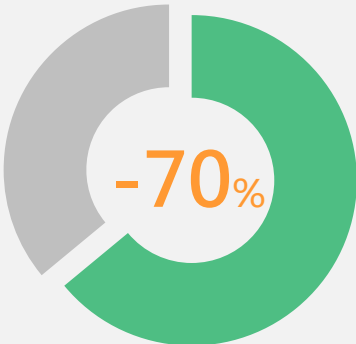
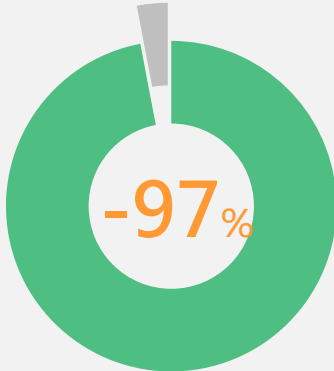
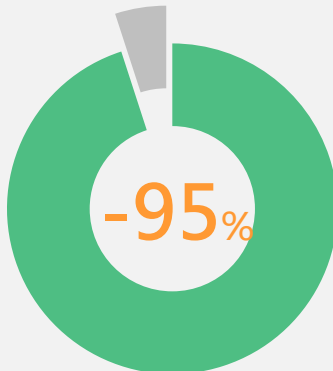
Circular Economy

- Green products promotion
- Green certifications
- Sustainable products
- Impelling recycled textile yarn
- Operational goals of green products

Greenhouse gas emissions management

2012	Introducing ISO 14064-1, conducting a greenhouse gas emissions inventory, and obtaining annual certification.
2013	Implementing the ISO 14001 Environmental Management Systems, conducting regular audits to ensure effectiveness.
2014	The Guanyin Factory has passed third-party impartial verification and undergoes regular audits for validation.
2022	In the second quarter, initiate product carbon footprint inventory. In the third quarter, completed ISO 14067 third-party verification (by BSI - British Standards Institution). The verification scope includes general nylon chips, recycled nylon scrap chips, and recycled nylon fishing net chips.
2024	Completed greenhouse gas inventory and verification for the privately-owned company(parent company) and its subsidiary.
2025	Proposed Voluntary Reduction Plans of Ministry of Environment, formulating multiple carbon reduction measures. By the end of 2030, the reduction is estimated to reach 6,685 Mt CO ₂ e.

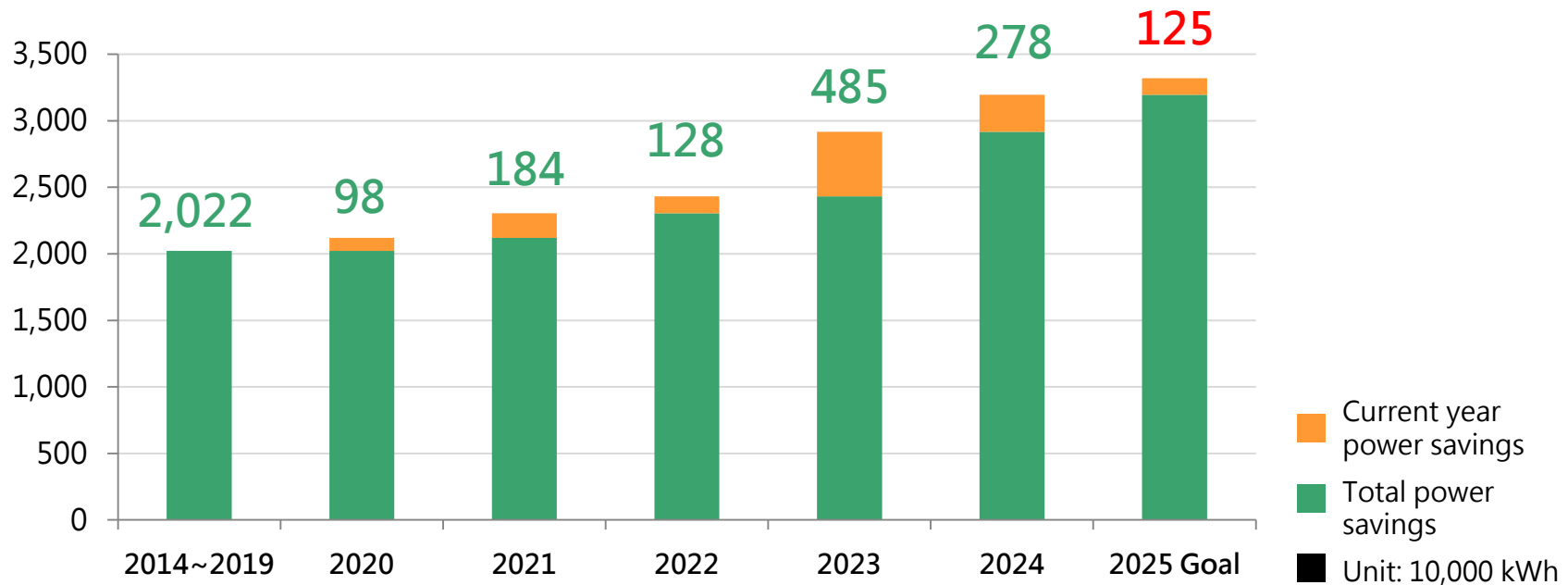
Carbon emission benefits of green products

Product	Recycled Polyester Chips		Recycled Nylon Chips	
Material	Bottle flake		Recycled nylon	Recycled fishing net
Ratio of carbon reduction				
			■ carbon emission ■ carbon reduction	
Annual production	7,271 Mt		961 Mt	
Annual carbon reduction	13,888 Mt CO ₂ e		4,085 Mt CO ₂ e	
Total annual carbon reduction	17,973 Mt CO ₂ e			

Process improvement

2014
|
2025

Save **33.20** million kwh
Reduce carbon footprint **17,138** Mt CO₂ e



Energy conversion

☞ Introduced into "ISO 50001 Energy management system" in 2018.

Digitized monitoring effectively enhances energy efficiency.

☞ Regenerate **solar power** has reached 3,368 kw.

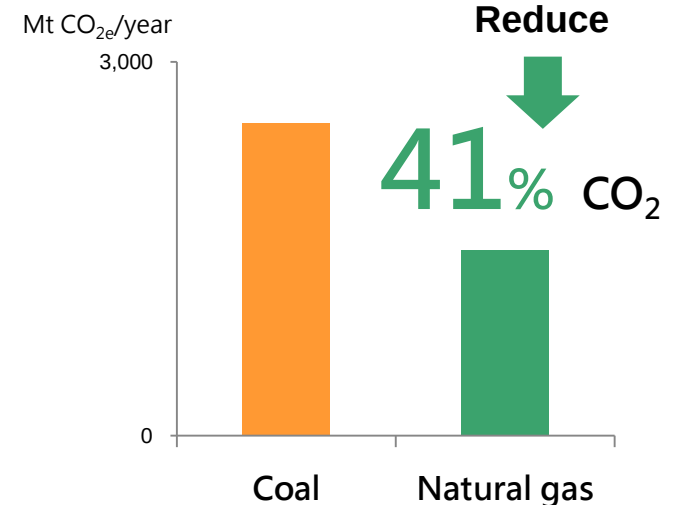
During the first three quarters of 2025, electricity generation reached **3.21** million kWh, and the carbon reduction is **1,523** Mt CO₂e

By the end of 2025, total electricity generation is estimated to reach **21.19** million kwh, and the carbon reduction is **10,553** Mt CO₂e

☞ Exchange coal into low-carbon emission **natural gas**

During the first three quarters of 2025, the carbon reduction is **1,027** Mt CO₂e

By the end of 2025, the total reduction is estimated to reach **18,376** Mt CO₂e



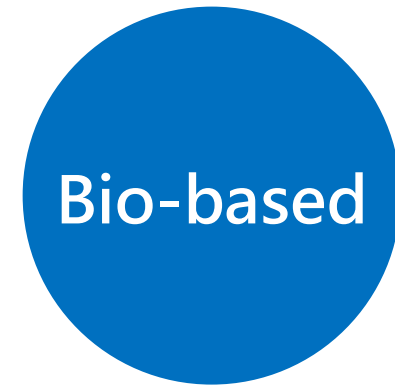
Green products promotion



- Reduce waste
- Reuse
- Reduce carbon emissions



- Energy saving
- Waste reduction
- Save water



- Reduce carbon emissions
- No crop sourcing

-  Operating
-  Advanced goals

Green Certifications



Global recycled standard



Recycled Claim Standard



**STANDARD
100**

OEKO-TEX



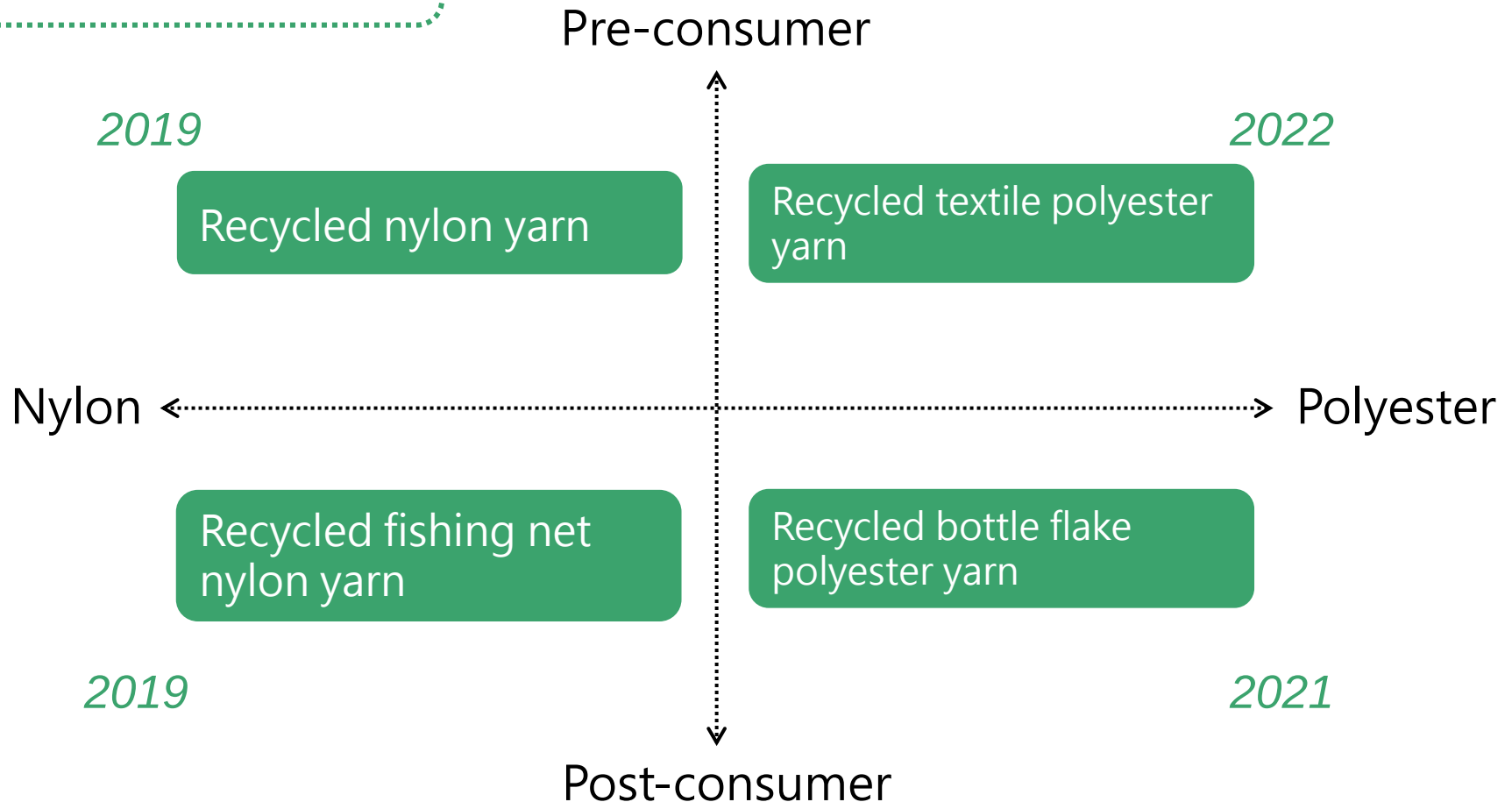
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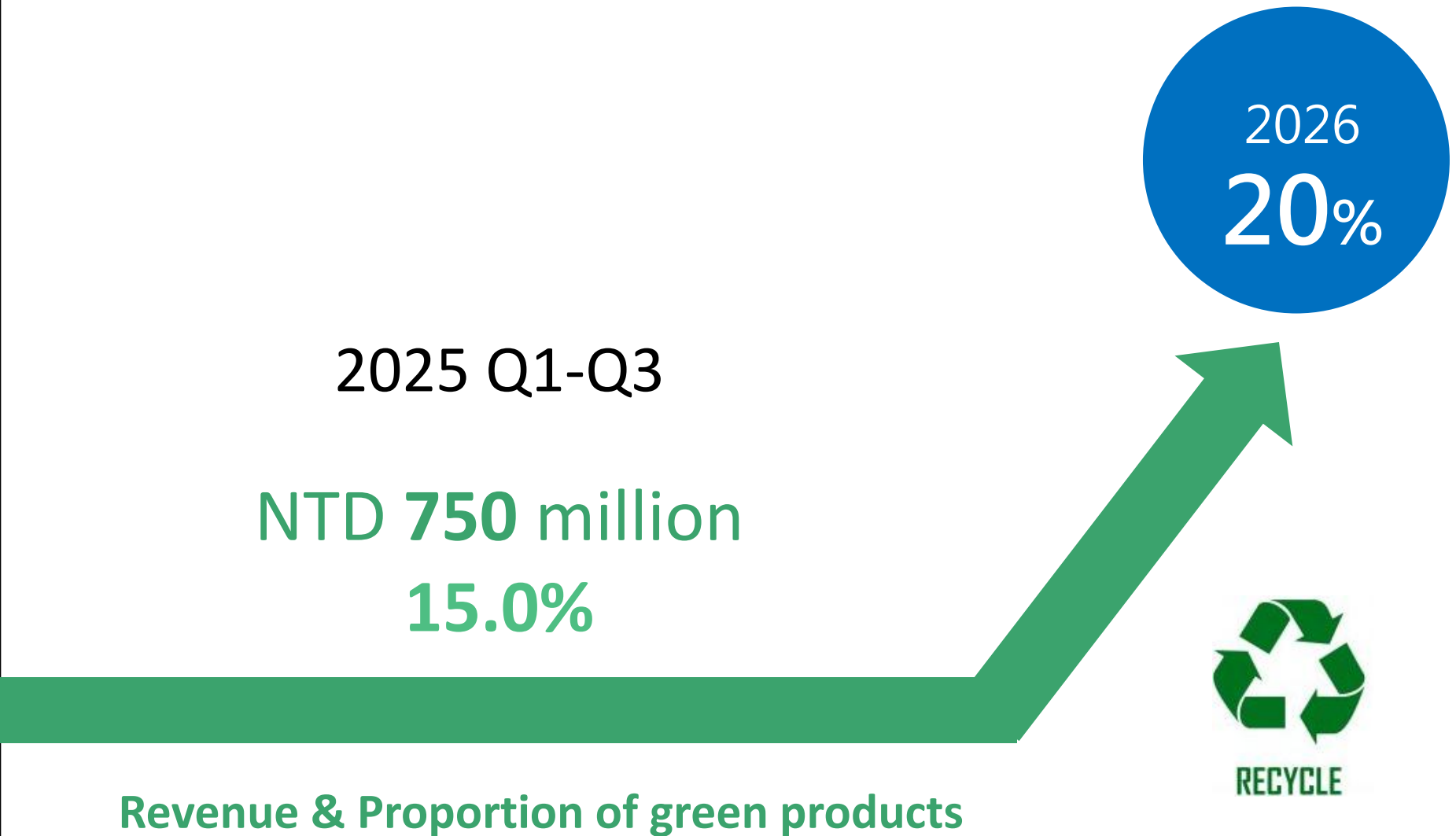
NSF International

Sustainable products

Chips→POY/FDY→DTY/ATY
Consistent production



Operation goals of green products



FUTURE PROSPECT

Integrated Explanation

- 1) In response to the large-scale expansion of chemical fiber production capacity in mainland China in recent years which has brought significant impact to the entire industry. Our company adopted a “downsized operations and lean production” strategy from the second quarter of this year. We are consolidating production lines, reducing weaker segments, and gradually discontinuing products with low business value or future prospects, allowing us to focus on competitive niche products.**
- 2) According to the earlier reports, the operating scale for the first three quarters of 2025 has declined significantly compared to the same period of last year. Revenue decreased from NT\$7.32 billion to NT\$4.99 billion, a reduction of 32%. Nylon chip revenue got the largest decline, dropping from NT\$3.87 billion to NT\$1.89 billion, a reduction of 51%. However, the company’s overall operational structure has just become healthier.**

FUTURE PROSPECT

Integrated Explanation

- 3) In the third quarter of 2025, the inventory was NT\$821 million lower than the same period of last year. The accounts receivable decreased by NT\$825 million, and short- and long-term borrowings were reduced by NT\$714 million. Overall financial conditions have improved significantly.
- 4) Since the second quarter of 2025, we have gradually implemented several cost-saving measures to reduce expenses and enhance operational efficiency.
- 5) Operating losses in the third quarter were slightly lower than those in the second quarter, and the estimated profit and loss for October and November also showed improvement compared to the third quarter. It is expected that operational performance will continue to improve from the first quarter of next year.

FUTURE PROSPECT

Integrated Explanation

- 6) In terms of non-operating activities, to ensure effective asset management, strengthen working capital and the financial structure, we have actively initiated real estate revitalization measures beginning from the fourth quarter of 2025. Initial efforts focus on selling or developing unused land to maximize asset value.

FUTURE PROSPECT

PA6 Chips

- 1) In November 2025, the CPL and PA6 chip producers in Mainland China decided to reduce production by 20% for three months, which will help keep PA6 product prices stable.**
- 2) After consolidating PA6 chip production lines, unprofitable spinning-grade products have been reduced to optimize the product structure and enhance operational performance.**
- 3) By reducing PA6 chip production, we can not only lower inventory levels and decrease foreign raw material procurement, but also reduce working capital requirements and effectively strengthening the financial structure.**
- 4) Strengthen PA6 chip market promotion and continue to cultivate the Japanese market, while seizing opportunities from Trump's tariffs and the trend of de-Sinicization to actively expand into the U.S. market.**

FUTURE PROSPECT

Engineering Plastic

- 1) The uncertain factors caused by the Trump tariffs have gradually decreased, which is beneficial to the return of customer orders.**
- 2) Actively expanding into the Indian market in order to increase revenue.**
- 3) We have developed several major domestic customers, which can increase monthly sales by more than 100 metric tons**
- 4) Looking for alternative raw material suppliers to reduce material costs.**
- 5) Pursuing OEM business from well-known international brands to improve production utilization rates.**

FUTURE PROSPECT

Fiber Division

DTY

Filament

- 1) PA66 DTY has been well recognized by multiple brand customers. Leveraging our own raw material advantages, order volume is expected to continue growing. Our target for DTY sales is to account for 20% of total sales next year, which will help enhance profitability.
- 2) In the aspect of polyester and PA6 products, we are seeking more favorable raw material sources to strengthen competitiveness.
- 3) We are adjusting our polyester filament product mix by increasing the proportion of specialty products to improve profitability.
- 4) Overall, DTY products remain competitive. With the growth of PA66 orders, the profitability is expected to improve next year compared with this year.

FUTURE PROSPECT

Fiber Division

PA66

- 1) Engineering plastic grade chips have been recognized for quality by major domestic and international manufacturers, and orders have been gradually placed. However, we still face intense competition from mainland China.**
- 2) The quality of civilian spinning grade chips have been approved by major global brand owners. Some volume can be sold externally through OEM production, and we are self-produced DTY for customer sales. Overall sales volume is expected to grow.**
- 3) For industrial filament Grade polyester chips, we have been collaborating with multiple customers on product development and production, processing validation and co-operation. Shipments are expected to begin gradually in the first quarter of 2026.**
- 4) Mass production is expected to officially begin in the second quarter of 2026.**

PRODUCT THAT CONTAINS ZIG SHENG MATERIALS

• FIBER DIVISION



• CHEMICAL MATERIALS DIVISION



THANKS

