Since 1969



2022 Investor Conference





COMPANY PROFILE

www.zigsheng.com

- 1969 Company established & DTY 1st plant start up
- 1992 DTY 2nd plant start up
- 1993 Listed on the Taiwan stock exchange
- 1997 ISO-9001 certified
- **1997** DTY 3rd plant start up
- Nylon spinning 1st plant start up 2000
- Nylon polymerization 1st plant start up **2001**
- "Innovative R&D center" founded.
- 2006 Nylon polymerization 2nd plant start up
- Compounding plant start up
- OHSAS-18000 certified
- 2010 IATF 16949 certified
- 2012 ATY plant, nylon spinning 2nd plant start up
- 2013 Nylon polymerization 3rd 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
- New polyester recycling granulation plant start up
- 2022 Established 559KW solar power plant

10 PRODUCTION PLANTS

FIBER BUSINESS DIVISION

3 DTY Plants







DTY Plant T 1969

DTY Plant Π 1992

DTY Plant III 1997

1 ATY Plant

2 Spinning Plants







Spinning Plant I 2000

Spinning Plant II 2012

ATY Plant 2012

CHEMICAL MATERIALS DIVISION

3 Nylon Polymerization Plants, 1 Engineering Plastic Plant







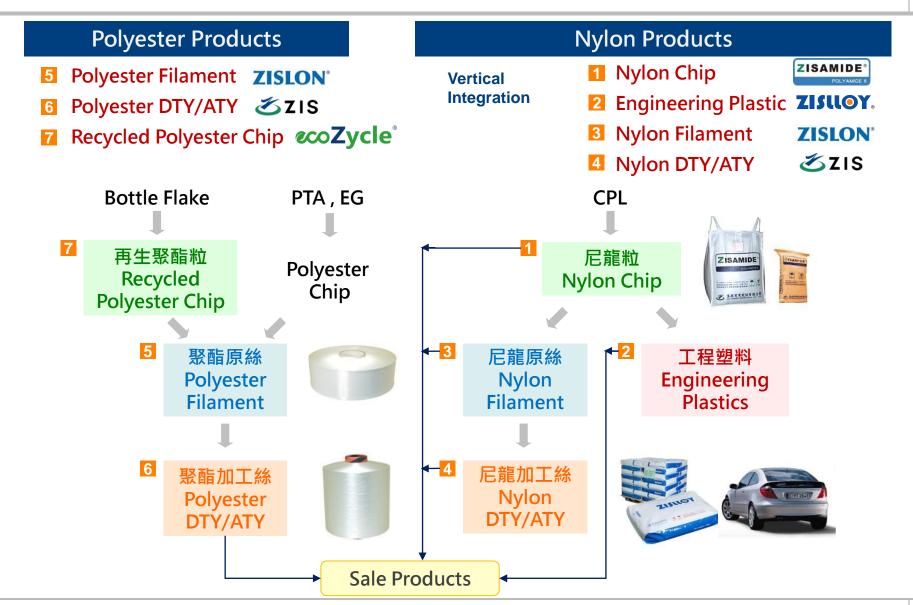
Plant I ,2001

Nylon Polymerization Nylon Polymerization Nylon Polymerization Plant II, 2006

Plant III,2013



MAIN PRODUCTS





PRODUCT ANNUAL PRODUCTION CAPACITY

Nylon Chip

163,800 Mt



DTY / ATY

49,800 Mt



Nylon Filament

36,000 Mt



Engineering Plastic

10,200 Mt





PRODUCT SALES BREAKDOWN

Unit: NTD million

	2022		2022		2021		2021	
Item	Q1-Q3		H1		Tot		Q1-Q3	
	Amount	%	Amount	%	Amount	%	Amount	%
Nylon Chip	3,409	45.3	2,522	46.9	5,120	45.6	3,703	45.7
DTY / ATY	2,535	33.7	1,789	33.3	3,576	31.8	2,554	31.6
Filament	1,051	14.0	714	13.3	1,690	15.1	1,217	15.0
Engineering Plastic	515	6.8	340	6.3	767	6.8	581	7.2
Others	15	0.2	10	0.2	66	0.7	42	0.5
Tot	7,525	100	5,375	100	11,219	100	8,097	100



SALES BREAKDOWN BY PRODUCTS 2022 Q1-Q3

Turnover: USD 259,000,000 (NTD 7.5 bn)

FX: 29.072 **Fiber Division Chemical Materials Division** 36.2% **Engineering Plastic** Domestic 36.2% 63.8% **Export** 63.8% - Southeast Asia 24.7% 6.8% - China 12.3% - Africa 11.6% 33.7% - North America 11.0%



- China 1.0%

- Others 1.5%

DTY / ATY

Export

Domestic 90.8%

- Southeast Asia 2.5%

- Middle East 2.4%

- Central Asia 1.8%

9.2%

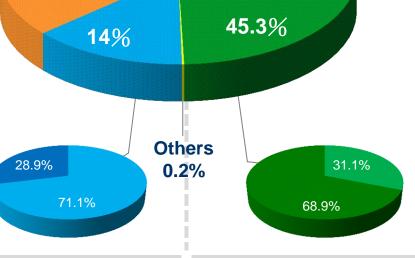
Domestic 71.1%

Export 28.9%

- Central Asia 10.5%
- Southeast Asia 8.2%

9.2%

- Northeast 4.8%
- China 4.4%
- Others 1.0%



Nylon Chip

- Others 4.2%

Domestic 31.1%

Export 68.9%

- Northeast Asia 32.4%
- Central Asia 15.7%
- Southeast Asia 14.5%
- China 4.1%
- Others 2.2%







Net Zero Transformation Strategy

Circular Economy

- Green products
- Carbon emission comparison of green products
- Proportion of green products
- Green certifications

Process improvement

 Replace highefficiency equipment

Energy conversion

- Established solar power plant
- Exchange fuel oil into natural gas







Green products



- Reduce waste
- Reuse
- Reduce carbon emissions



- Energy saving
- Waste reduction
- Save water

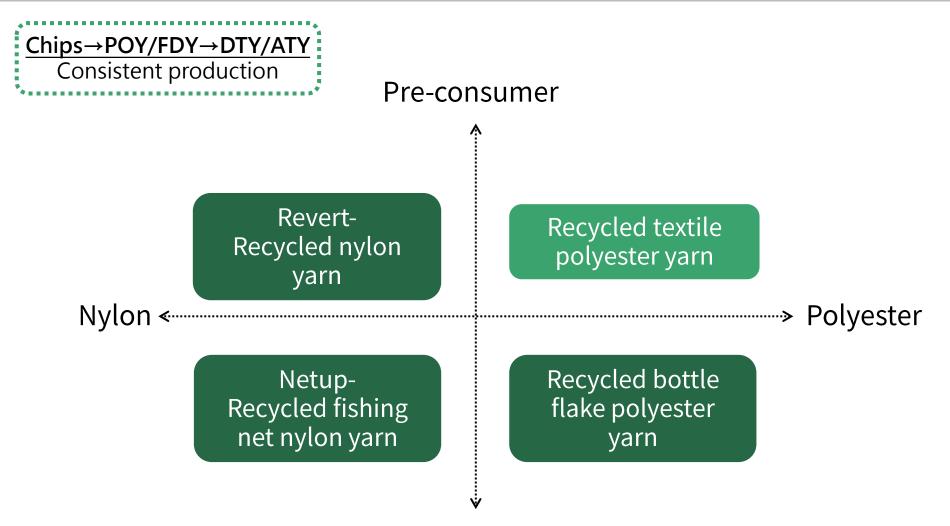


- Reduce carbon emissions
- No crop sourcing





Green products-Waste recycled products



Post-consumer





Green products-Recycled textile yarn



© 2023 output **1,000**Mt

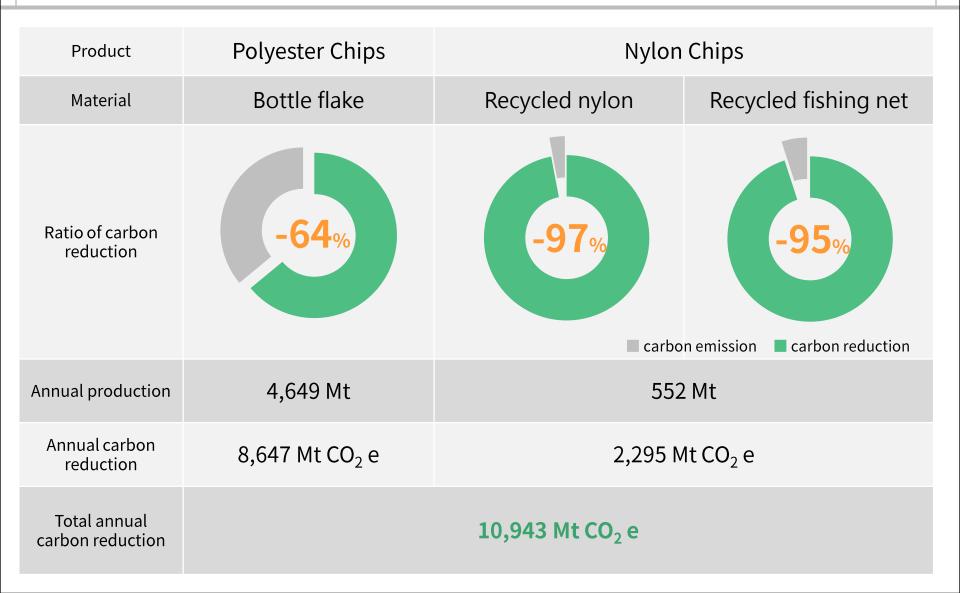
Recycled chips reduce carbon footprint up to 95%

Recycled DTY reduce carbon footprint up to 50%

100% recycled material

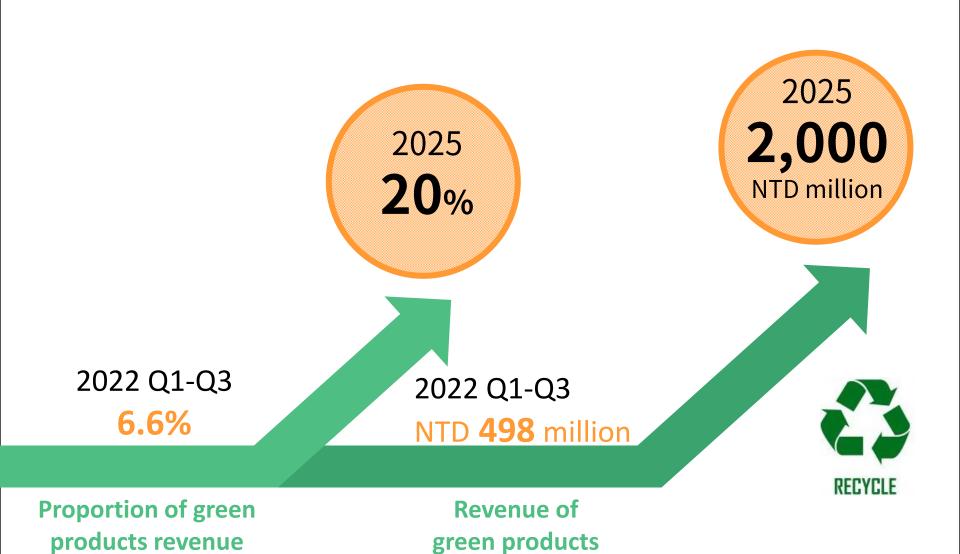


Green products-Carbon emission comparison





Proportion of green products





Green Certifications



Global recycled standard



OEKO-TEX

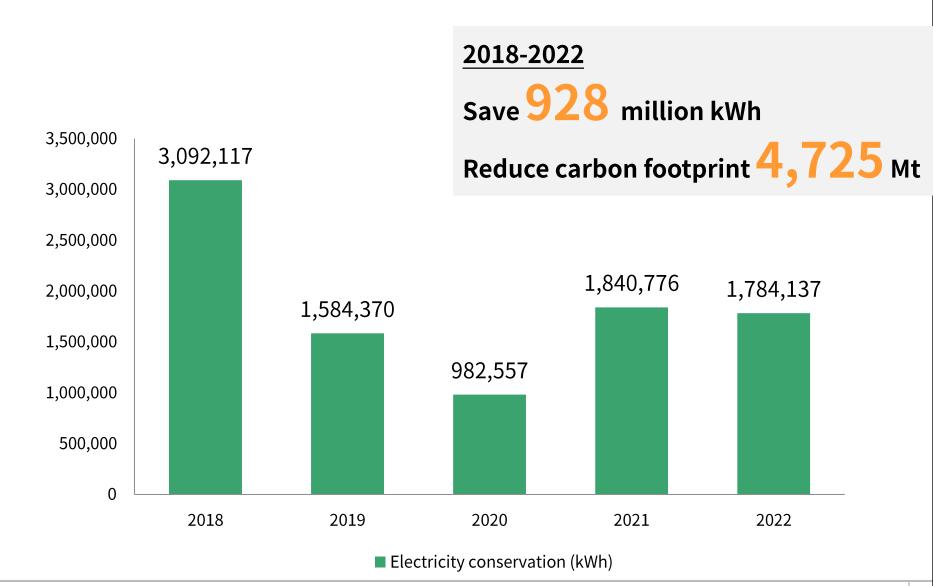


Carbon footprint of products ISO 14067:2018





Process improvement







Energy conversion

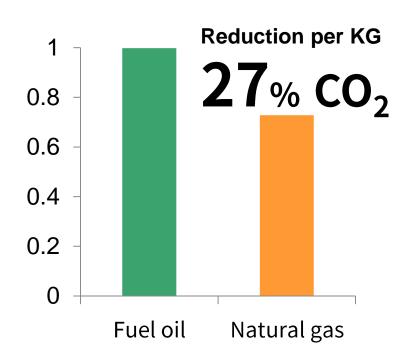
Regenerate solar power has reached 3368 KW.

In 2022, the generation of electricity has reached $368\,$ million kWh.

Total power generation 871 million kWh.

Exchange fuel oil boiler into low-carbon emission **natural gas**.

Annual reduction up to **2,523** Mt CO2 Eq emissions.





INCOME STATEMENTS

Unit: NTD million

	2022		2022		2021		2021	
Item	Q1-Q3		H1		Tot		Q1-Q3	
	Amount	%	Amount	%	Amount	%	Amount	%
Operating Revenue	7,525	100	5,375	100	11,219	100	8,097	100
Gross Profit	353	4.7	467	8.7	1,222	10.9	1,034	12.8
Operating Expenses	376	5.0	263	4.9	574	5.1	415	5.1
Operating Profit	(23)	(0.3)	204	3.8	648	5.8	619	7.6
Non-operating Income & Expenses	(116)	(1.5)	(85)	(1.6)	356	3.2	302	3.7
Profit Before Income Tax	(139)	(1.8)	119	2.2	1004	9.0	921	11.4
Tax (Exp) Gain	38	0.5	(72)	(1.3)	(84)	(0.7)	(79)	(1.0)
Profit after Income Tax	(177)	(2.4)	47	0.9	920	8.2	(842)	10.4
EPS (NTD)	(\$ 0.33)		\$ 0.09		\$ 1.73		\$ 1.58	



FINANCIAL INDEX

Unit: NTD million

Item	2022 Q3	2021	2020	2019	2018
Receivables	8.90	16.08	12.43	11.70	23.64
Inventory	23.63	22.47	10.82	16.42	24.15
Fixed assets	45.85	47.15	47.36	47.47	48.57
Total assets	97.10	107.8	89.27	96.19	114.58
Long short-term loans	17.10	17.60	11.60	11.84	21.39
Capital	53.17	53.17	55.00	61.18	61.18
Liabilities ratio	31.1%	32.2%	26.9%	25.1%	33.6%
Current ratio	145.1%	156.0%	147.7%	167.4%	156.1%
Book value per share (NTD)	12.6	13.7	12.3	11.8	12.4



Chemical Material Division

1. Nylon Chip

1) In order to broaden product area, a new set of polymerization equipment has been invested to produce nylon 66 chips, about 20,000 metric tons production capacity each year. In 2023, it is expected to be put into production in the fourth quarter which will increase the overall operating performance of nylon chips.

2) Exploit the advantages of multiple production lines to meet customer requirements by producing differentiated and high value-added products.



Chemical Material Division

1. Nylon Chip

3) It is expected that the price of raw materials of chips - CPL will remain stable in the first half of next year. We have actively obtained raw materials with favorable prices to enhance market competitiveness

4) Expand sales in European and American markets



2. Engineering Plastic

1) It is expected that inventories of customers will be gradually cleared in first quarter of next year (2023), and the order can resume progressively.

2) We develop markets and customers persistently this year (2022), the region including Europe, America, New Zealand, Australia and Southeast Asia etc. It is expected that sales will increase rapidly from the second quarter of next year (2023) and drive profitable growth.



Nylon Products

3. Filament and DTY

1) It is expected that downstream demand will rally gradually from the second quarter of next year (2023), and the rate of overall equipment utilization is expected to go up, which will drive up profits further.

2) Comply with the trend of global carbon reduction, strengthening the sales of green products in order to meet customer requirements.



Nylon Products

3. Filament and DTY

3) Enlarge the sales of special specific products to increase profits.

4) Continue to develop new products and strengthen cooperation with brand customers to increase market share.

5) Expand the Southeast Asian market, actively develop potential customers to broaden overseas sales



PRODUCT THAT CONTAINS ZIG SHENG MATERIALS

FIBER DIVISION



































































CHEMICAL MATERIALS DIVISION







































THANKS

