
Nan Ya Plastics
Year 2021 1H
Operations & Performance

Sep. 2021



Agenda

- **Overview**
- **Financial Highlights**
- **Capacity Expansion Plan**
- **Q & A**

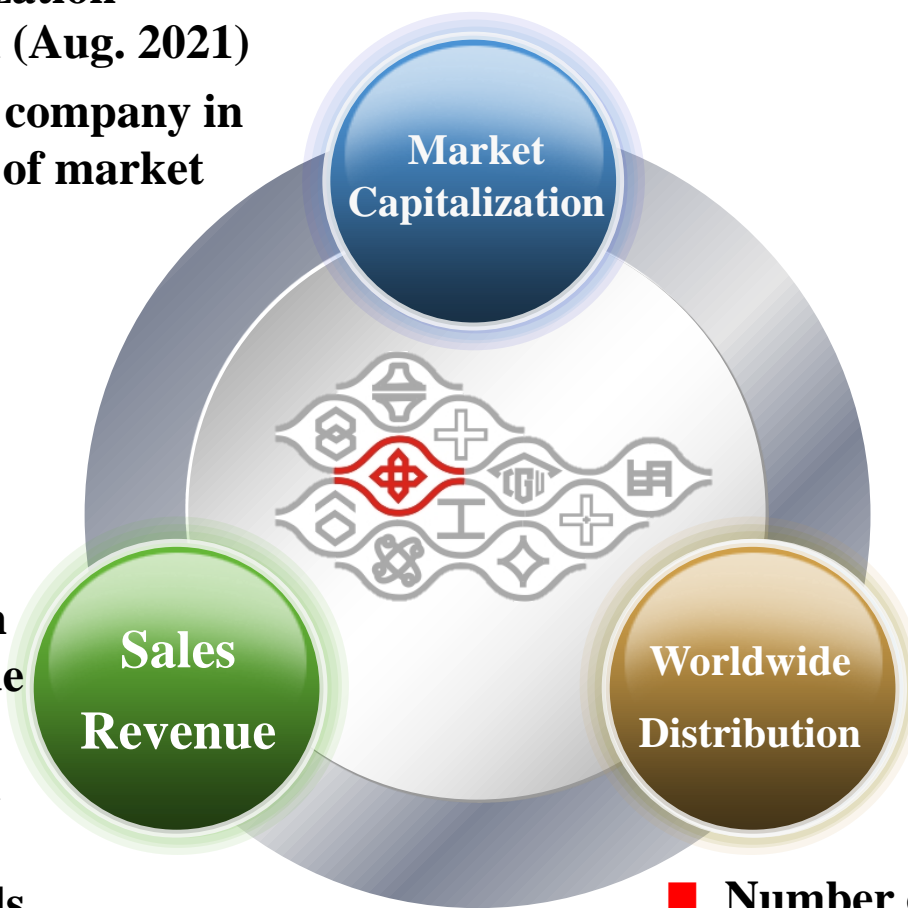


Overview

Highlights

- **Market Capitalization**
NT\$ 710.6billion (Aug. 2021)
- **The 10th largest company in Taiwan in terms of market capitalization**

- **NT\$ 273.4 billion**
(Y2020, not include Nanya Tech. Co.)
- **Sales breakdown**
 - 15% in plastics
 - 24% in chemicals
 - 44% in electronics
 - 16% in polyesters



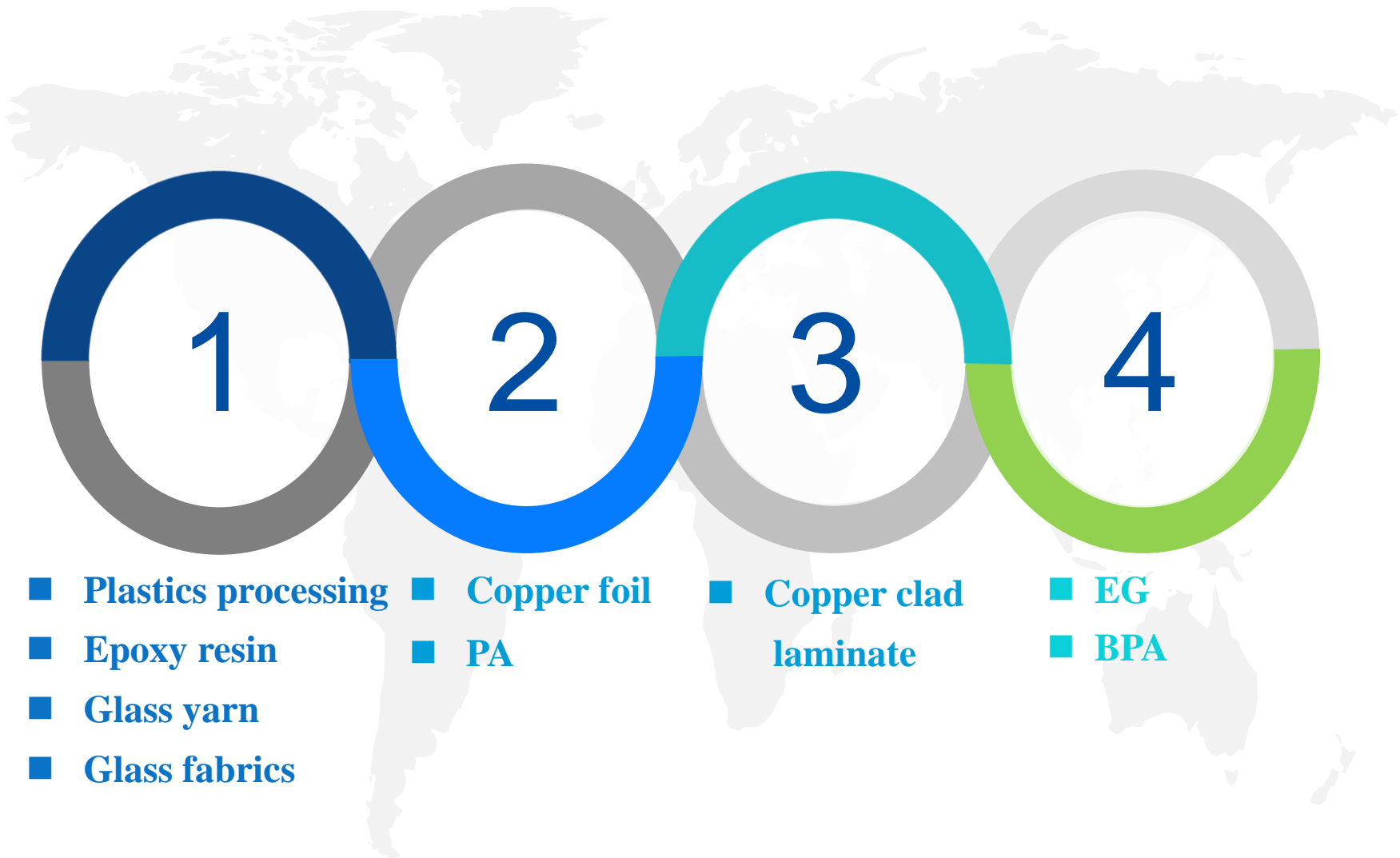
- **Total number of Plants 102**
 - 59 in Taiwan
 - 36 in China
 - 7 in US

- **Number of Employees 31,740**
(The number of Plants and Employees includes the consolidated financial reporting company)



Overview

Leading market positions for capacity



※Plasticizer products ranked 5th
Polyester products ranked 11th



Overview

History



Plastics Processing

1958



Nan Ya USA
& America Co.

- Texas
- Louisiana
- South Carolina

1979



Nanya Tech Co.

1995



Chemicals

1999

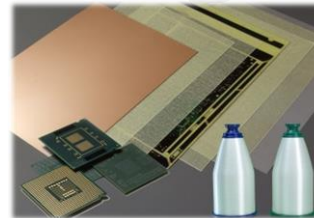
Polyesters

1969



Electronics
& Nan Ya PCB Co.

1986



Investing in
China

1994



- Xiamen
- Guangzhou
- Nantong
- Huizhou
- Kunshan
- Ningbo



Overview

Major Businesses

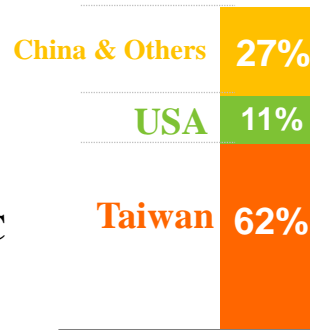
Sales breakdown in 2020



Plastics

15%

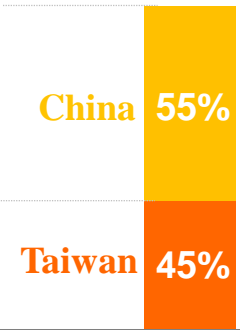
PVC Sheeting, PVC Rigid Film, PU Leather, PVC Rigid Pipe & Fittings, Window & Door Frames, Films, Engineering and PVC Compounds, PP Synthetic Paper



Electronics

44%

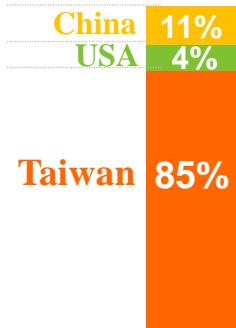
Glass Yarn, Glass Fabrics, Epoxy Resin, Copper Foil, Copper Clad Laminate, Printed Circuit Board



Chemicals

24%

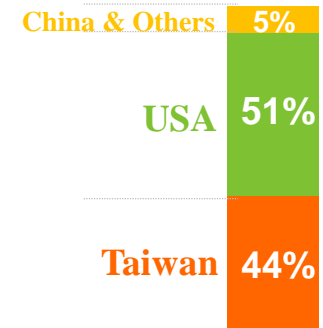
EG, BPA, 1,4BG, Plasticizer, PA, 2EH, INA, MA



Polyesters

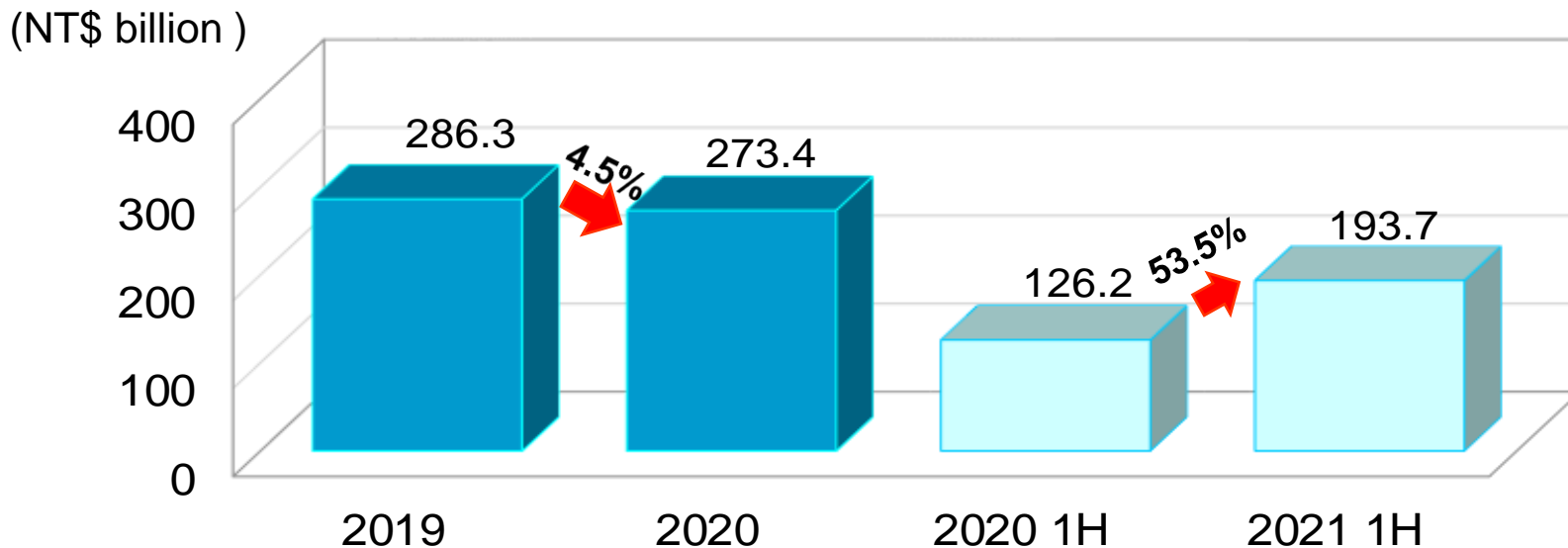
16%

Polyester Staple Fiber, PET Resin, Filament, PET Film



Financial Highlights

Consolidated Revenue (IFRS)



- **Revenue in 2020 decreased 4.5% YoY due to:**

Driven by the continuous development of 5G applications and remoted commerce during the pandemic, the operation of electronic material product had significantly improved. However, the plunge in oil prices lower the price of various products, causing the overall revenue slightly declined.

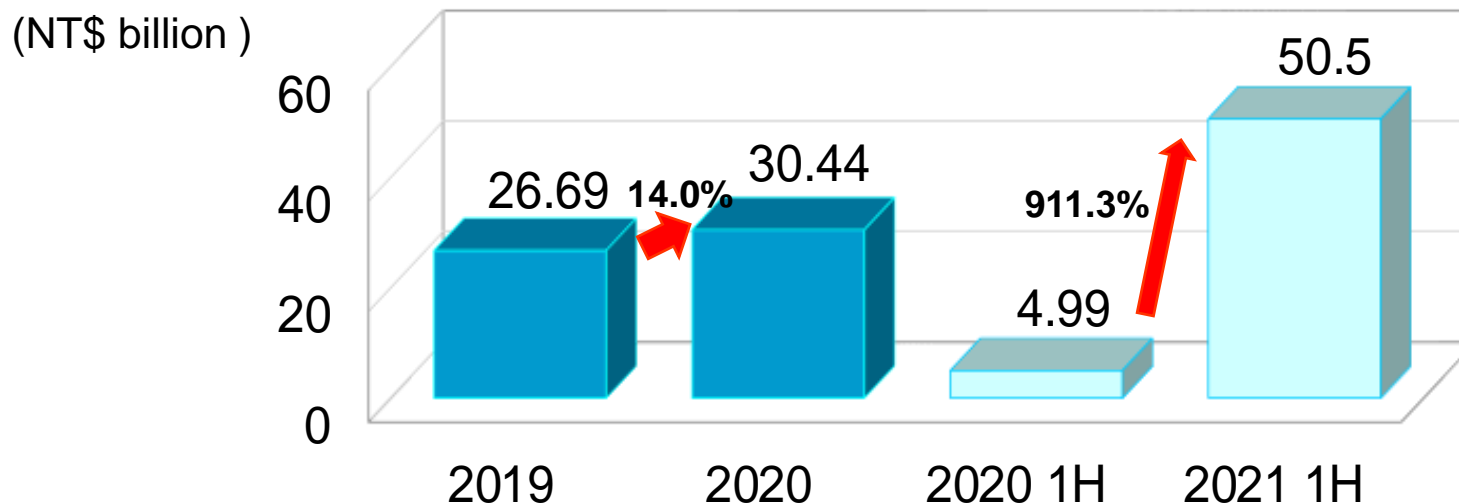
- **Revenue in 2021 1H increased 53.5% YoY due to :**

Due to the strong demand for computer and information communication products, the development of the 5G industry, and the rapid rise of electric vehicles and smart cars, the operating performance of electronic materials products had boosted, together with the revenue of other products benefited from the gradual recovery of the economy, the overall revenue growth significantly.



Financial Highlights

Pre-tax Income



■ **2020 pre-tax income increased 14.0% YoY due to :**

1. Operating profit increased NT\$11.3bn mainly due to the significant growth in profit of electronic materials product.
2. Equity income decreased NT\$5.2bn YoY :
(1) FPCC -NT\$6.8bn (2) Nanya Tech -NT\$0.7bn (3) MPC +NT\$1.1bn

■ **2021 1H pre-tax income increased 911.3 % YoY due to :**

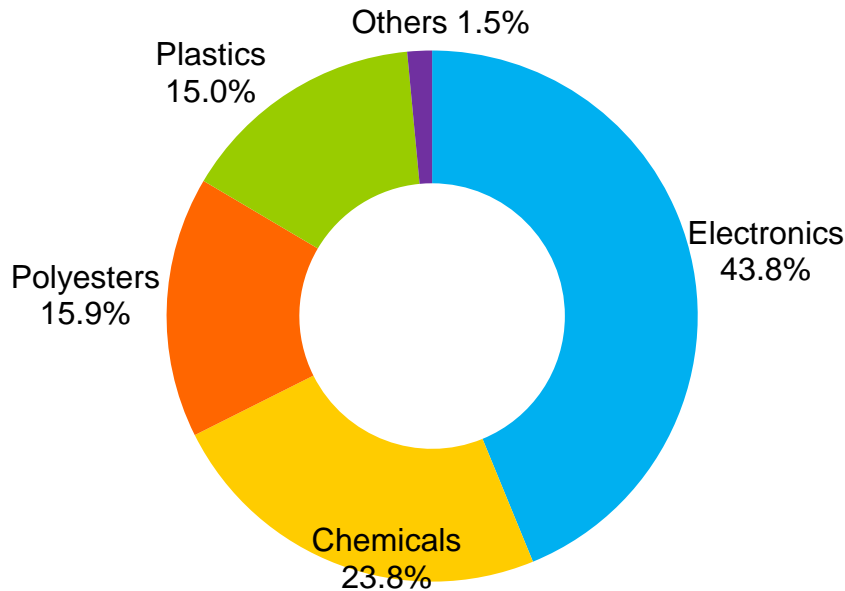
1. Operating profit significantly increased by NT\$33.1bn mainly due to growth in profit of electronic material products and chemical products.
2. Equity income increased NT\$13.3bn YoY :
(1) FPCC +NT\$11.6bn (2) Nanya Tech -NT\$1.1bn



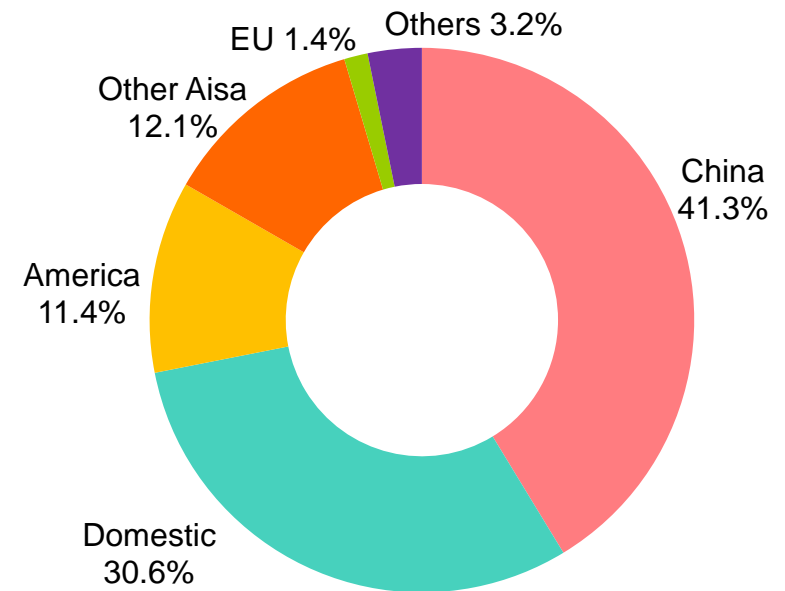
Financial Highlights

Revenue Breakdown

**2020 Net Sales
NT\$ 273.4 billion**



**2020 Sales Breakdown
by Geography**



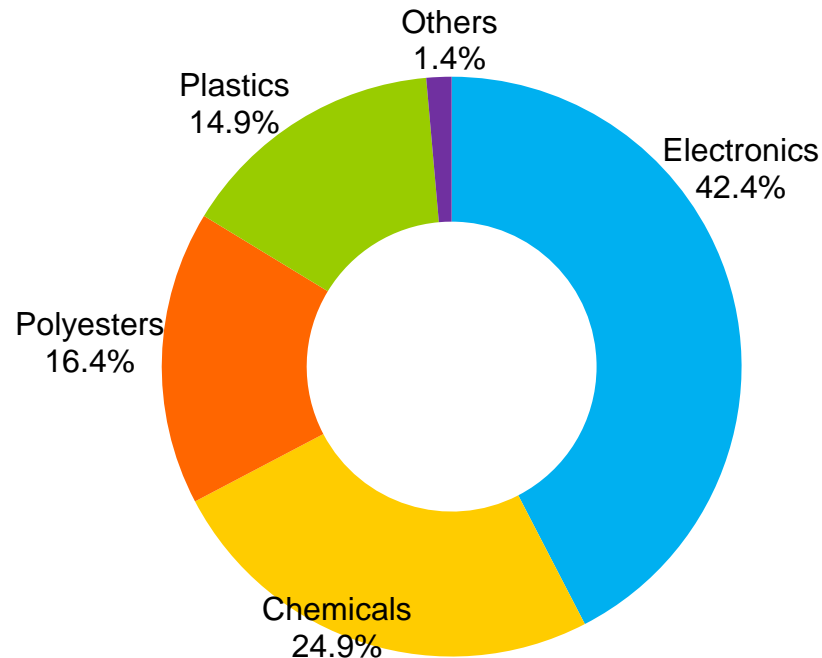
- Driven by the continuous development of 5G applications and remoted commerce during the pandemic, the operation of electronic material product had significantly improved. However, the plunge in oil prices lower the price of various products, causing the overall revenue slightly declined.
- Revenue in the next few years is still mainly driven by chemical product and electronic materials.
- Mainland China remains the most important market, accounting for 60% of total overseas in 2020.



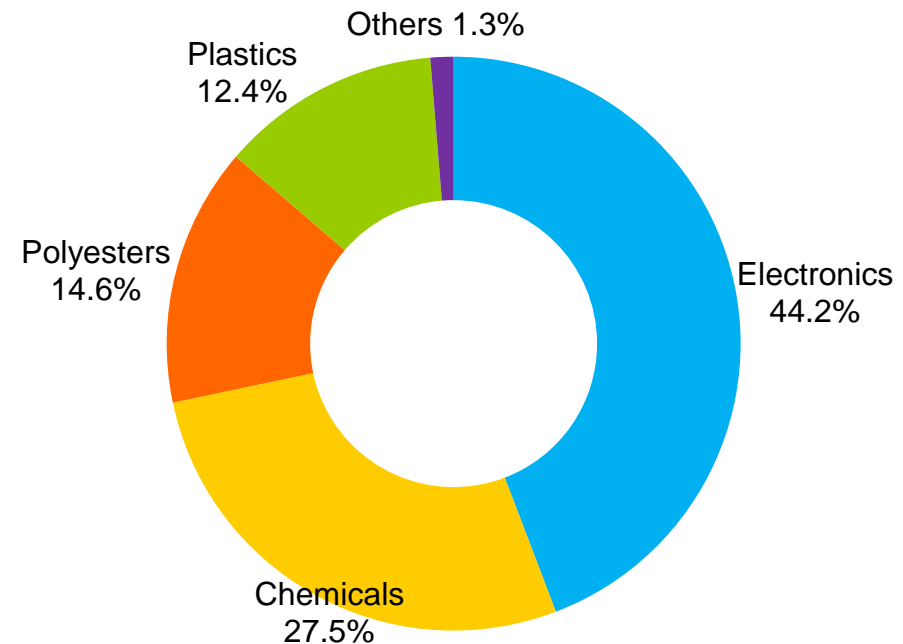
Financial Highlights

Revenue Breakdown by Product Segment

2020 1H Net Sales
NT\$ 126.2billion



2021 1H Net Sales
NT\$ 193.7 billion

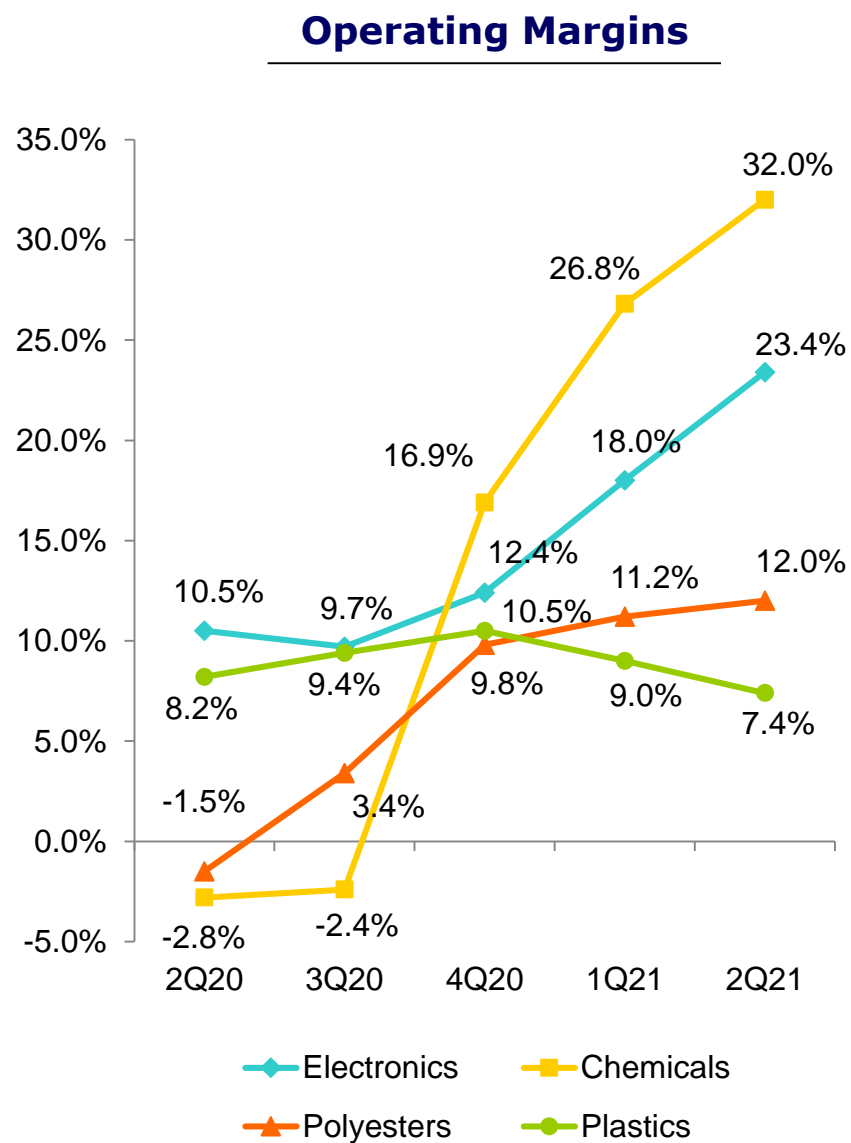
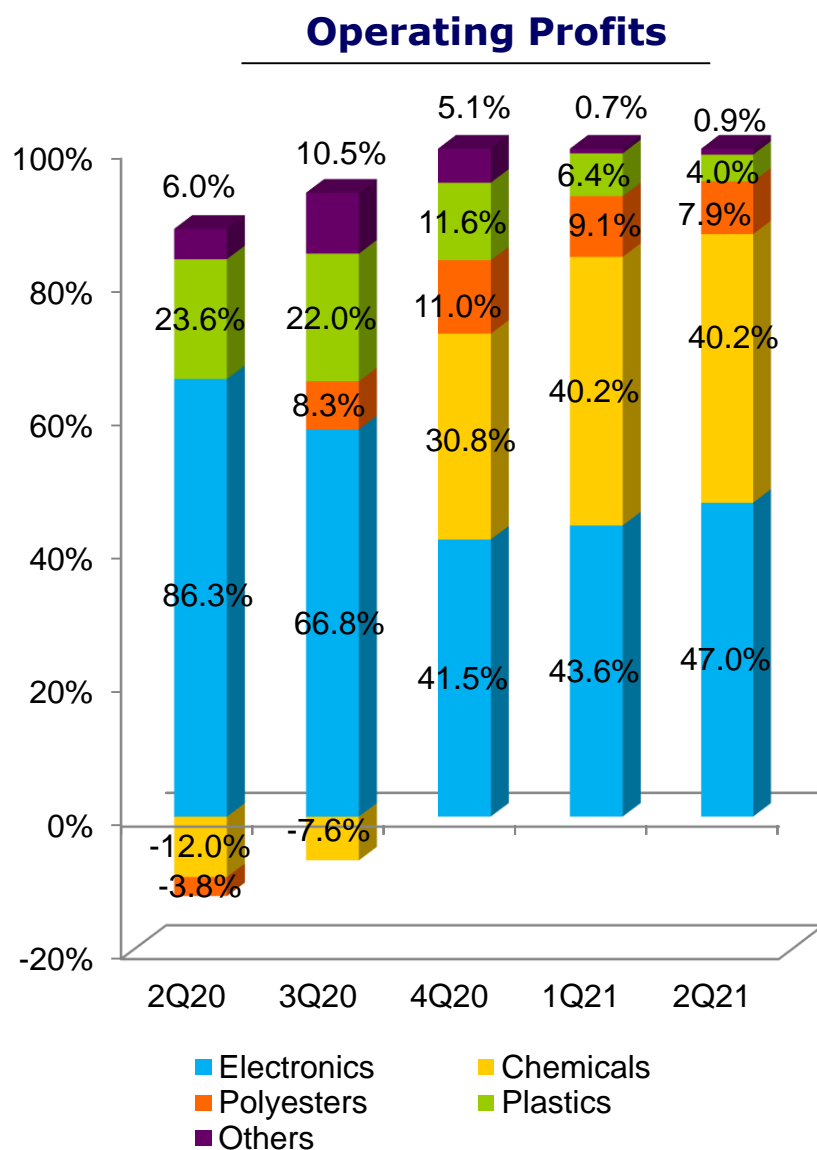


- Driven by the advanced 5G construction, booming remote connection commerce and the needs of electric vehicles and advanced driver assistance systems, the revenue of electronic material products increased. In addition, other products benefited from the gradual recovery of the economy, leading the overall revenue grew significantly.
- Due to the increase in demand, the price and quantity rise accordingly, leading the proportion of chemicals and electronic material products increased.



Financial Highlights

Operating Profits Breakdown by Product Segment



Business Overview

Capacity Expansion Plan

Area	Product	Unit	Annual Capacity			Estimated Commissioning Date
			Current (Note)	Expansion	Increase%	
Taiwan	Plastic Pallet	KMT	17	6	35	2022/11
	Long Fiber-Reinforced Thermoplastics	KMT	0	5	100	2022/3
	Polyester Film	KMT	95	14	15	2021/10
	Polyester Release Film (5 th set)	KM ²	240,000	144,000	60	2021/12
	ABF Substrate	Million Unit	-	-	12	2023/3
	ABF Substrate(process improvement)	Million Unit	-	-	14	2022/1
Mainland China	Aluminum Laminated Foil	KM ²	0	26,664	100	2021/11
	PVC Decorative Film	KYD	19,200	12,000	63	2021/9
	Copper Clad Laminate	KSH	44,400	13,200	30	2022/1
	Prepreg	KM	81,600	28,800	35	2022/1
	Glass Fabrics	KM	324,000	90,600	28	2021/12
	BPA	KMT	186	170	91	2022/7
USA	Flexible PVC Sheeting	KMT	48	14	29	2023/05

Note: Annual capacity is the total product production capacity by region.



THE END

