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**Nan Ya Plastics**  
**Year 2021 1Q**  
**Operations & Performance**

**May 2021**



# Agenda

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

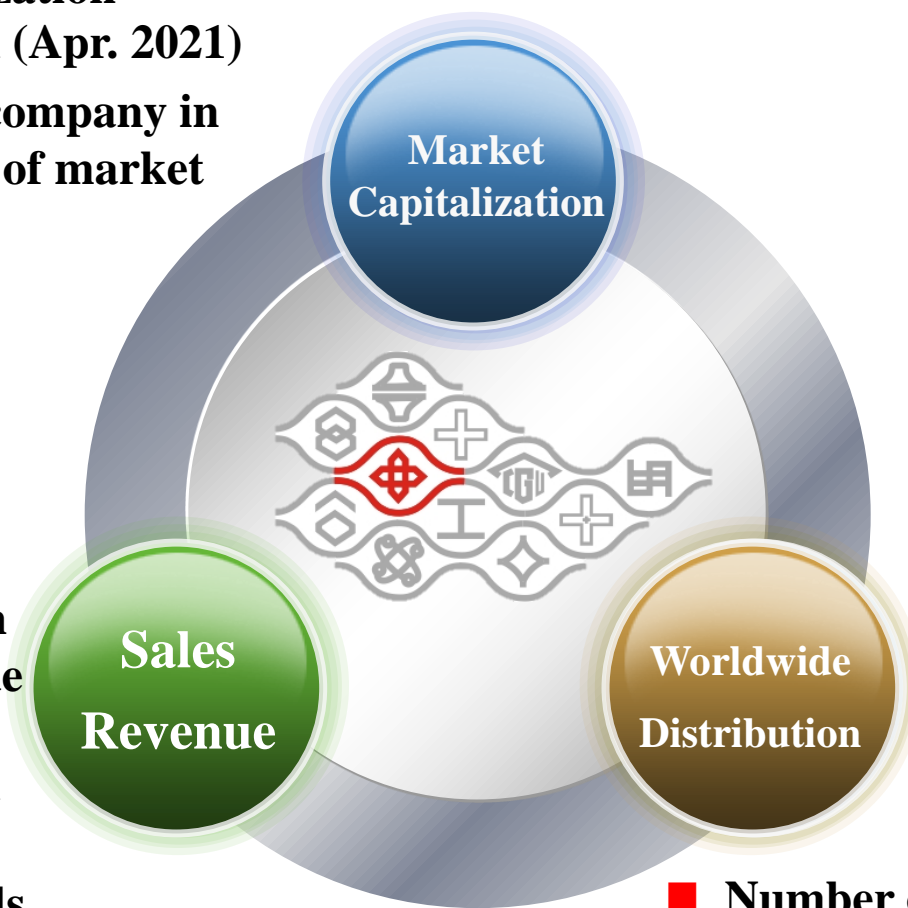


# Overview

## Highlights

- **Market Capitalization**  
NT\$ 699.5billion (Apr. 2021)
- **The 8th 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



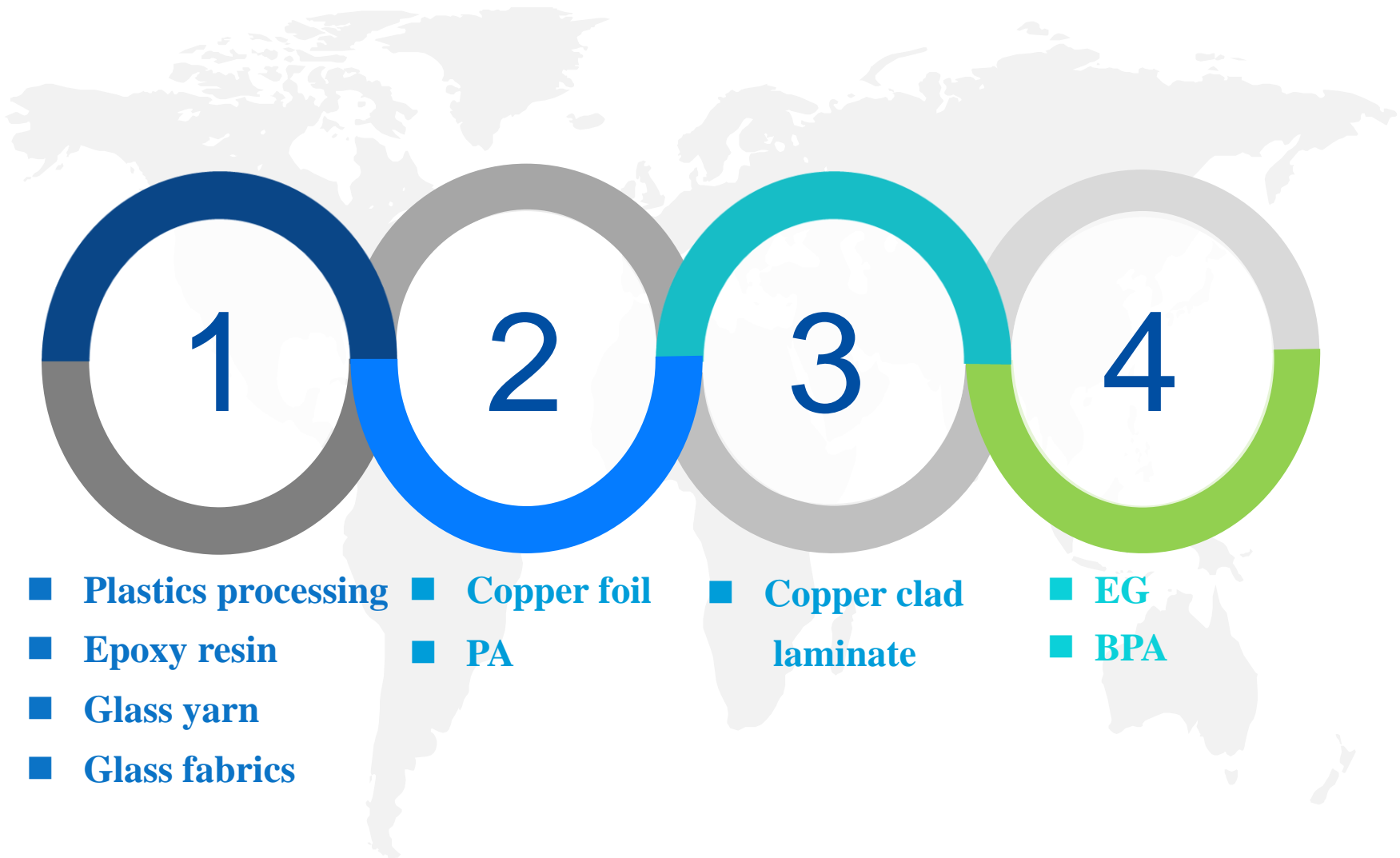
- **Total number of Plants 102**
  - 59 in Taiwan
  - 36 in China
  - 7 in US

- **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 5<sup>th</sup>  
Polyester products ranked 11<sup>th</sup>



# Overview

## History



Plastics Processing

1958



Nan Ya USA  
& America Co.

- Texas
- Louisiana
- South Carolina

1979



Nanya Tech Co.

1995



Chemicals

1999

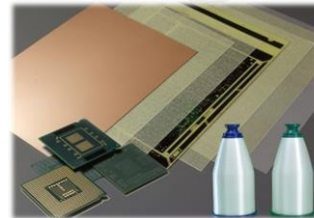
Polyesters

1969



Electronics  
& Nan Ya PCB Co.

1986



Investing in  
China

1994



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



# Overview

## Major Businesses

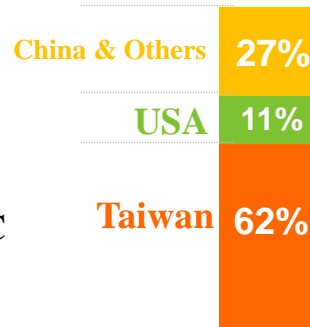
Sales breakdown in 2020



### Plastics

15%

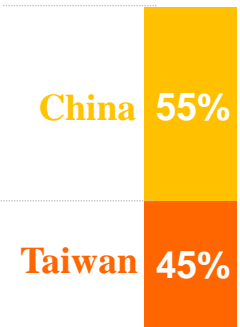
PVC Sheeting, PVC Rigid Film, PU Leather, PVC Rigid Pipe & Fittings, Window & Door Frames, Films, Engineering and PVC Compounds, PP Synthetic Paper



### Electronics

44%

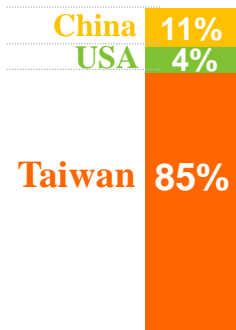
Glass Yarn, Glass Fabrics, Epoxy Resin, Copper Foil, Copper Clad Laminate, Printed Circuit Board



### Chemicals

24%

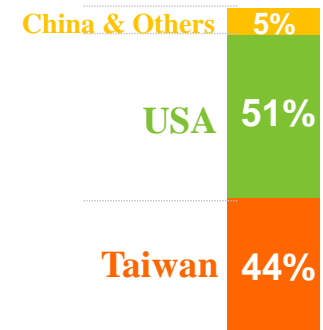
EG, BPA, 1,4BG, Plasticizer, PA, 2EH, INA, MA



### Polyesters

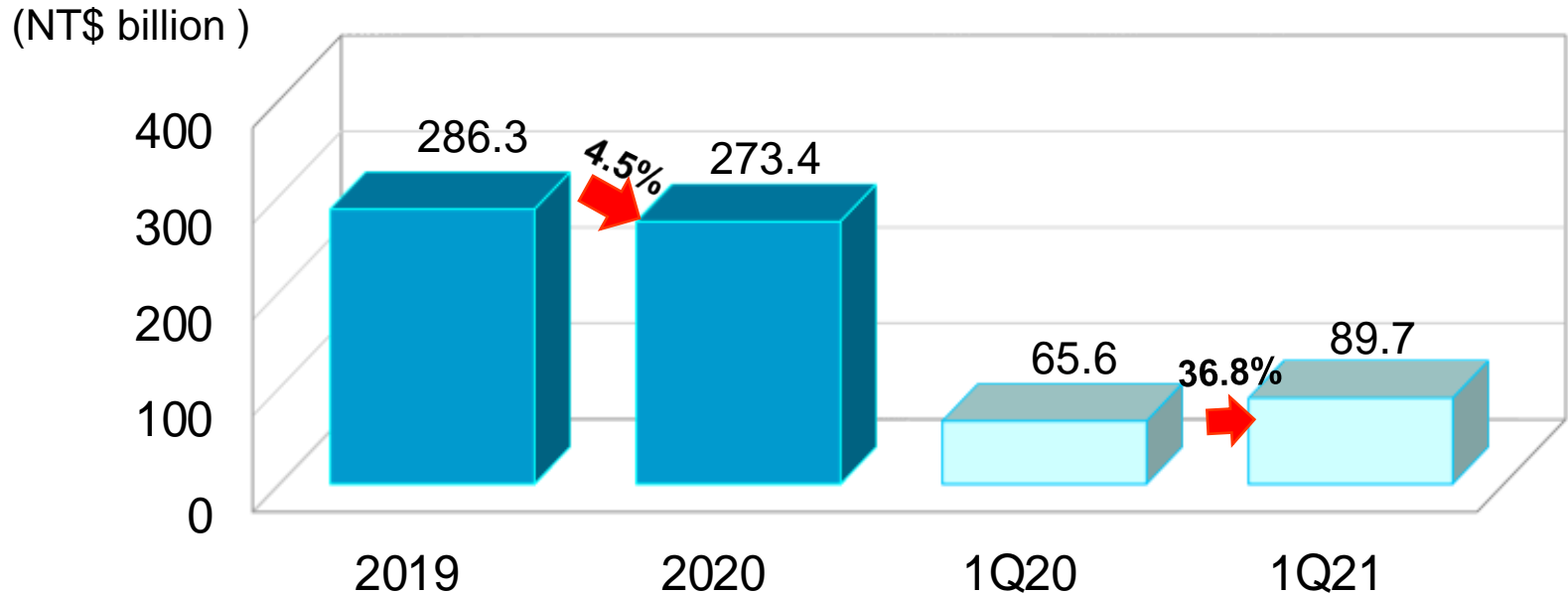
16%

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.

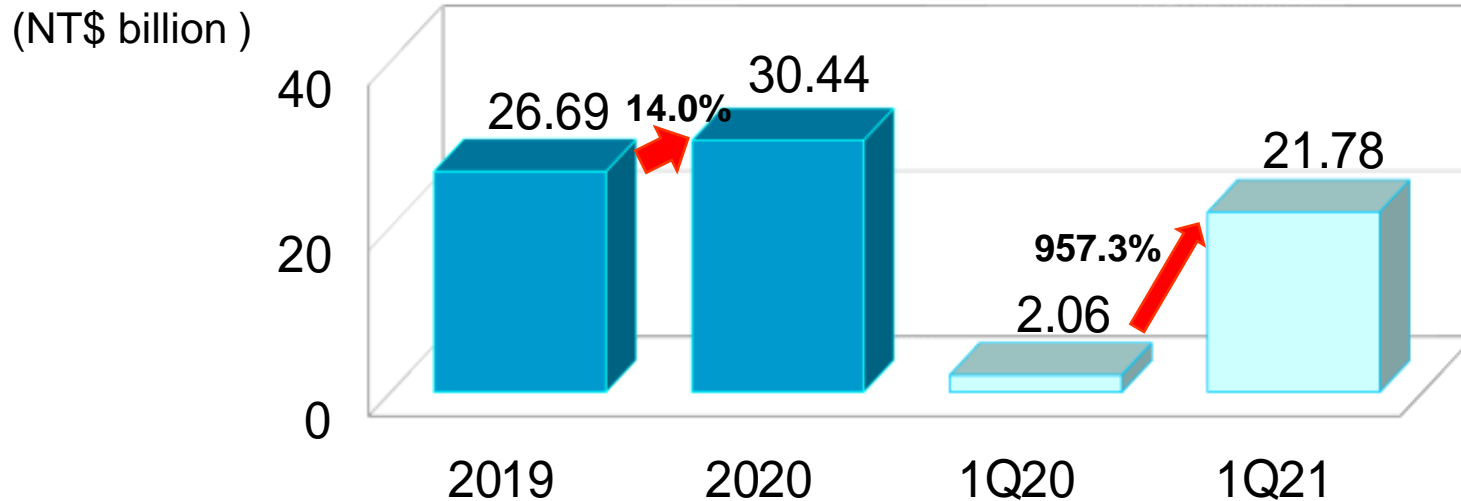
- **Revenue in 2021 1Q increased 36.8% YoY due to :**

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.



# 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 1Q pre-tax income increased 957.3 % YoY due to :**

1. Operating profit significantly increased by NT\$13.4bn mainly due to growth in profit of electronic material products and chemical products.
2. Equity income increased NT\$6.8bn YoY :  
(1) FPCC +NT\$6.4bn (2) Nanya Tech -NT\$0.2bn

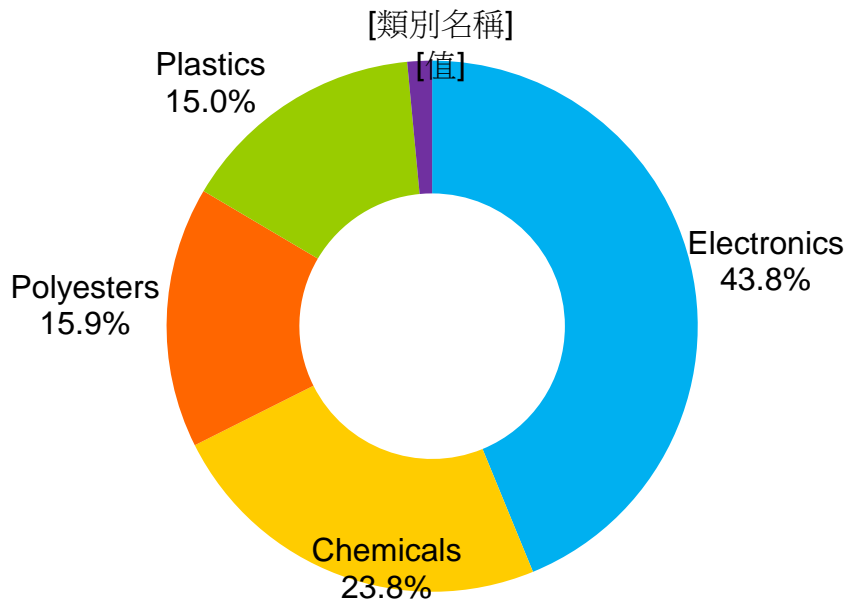




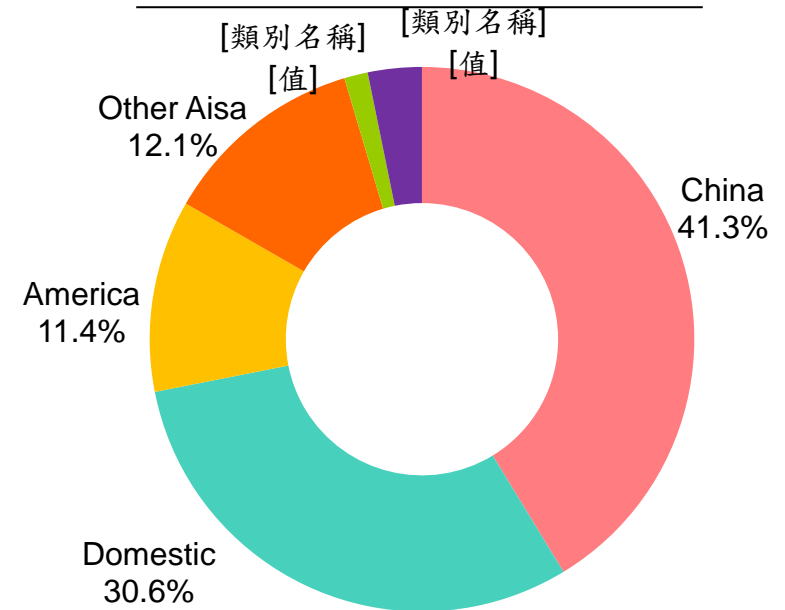
# Financial Highlights

## Revenue Breakdown

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



**2020 Sales Breakdown  
by Geography**



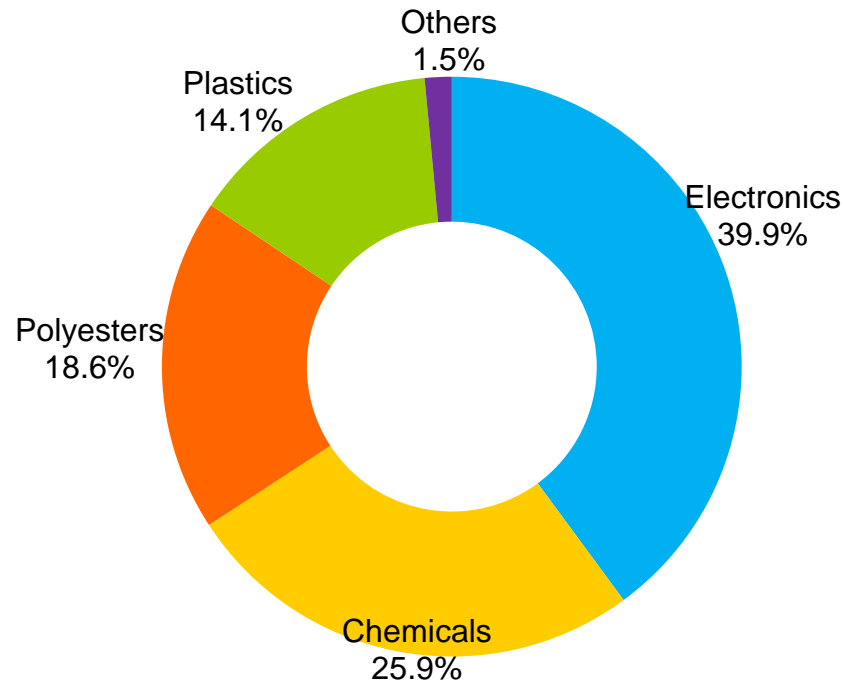
- Driven by the continuous development of 5G applications and remoted commerce during the pandemic, the operation of electronic material product had significantly improved. However, the plunge in oil prices lower the price of various products, causing the overall revenue slightly declined.
- Revenue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



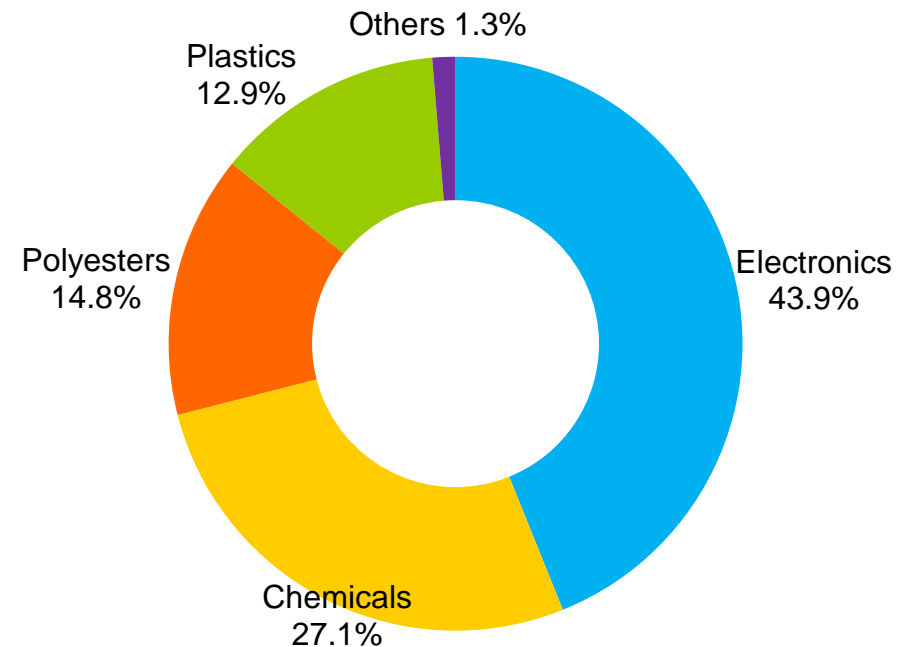
# Financial Highlights

## Revenue Breakdown by Product Segment

2020 1Q Net Sales  
NT\$ 65.6 billion



2021 1Q Net Sales  
NT\$ 89.7 billion

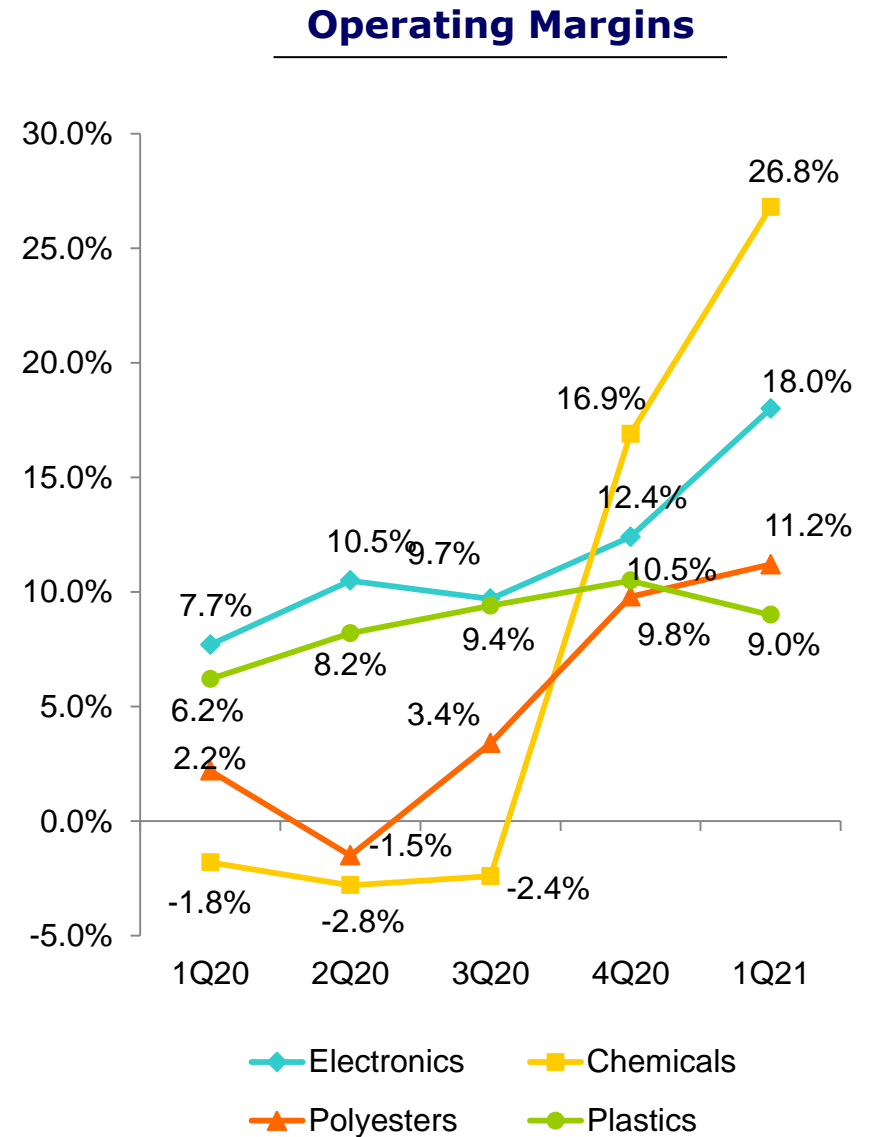
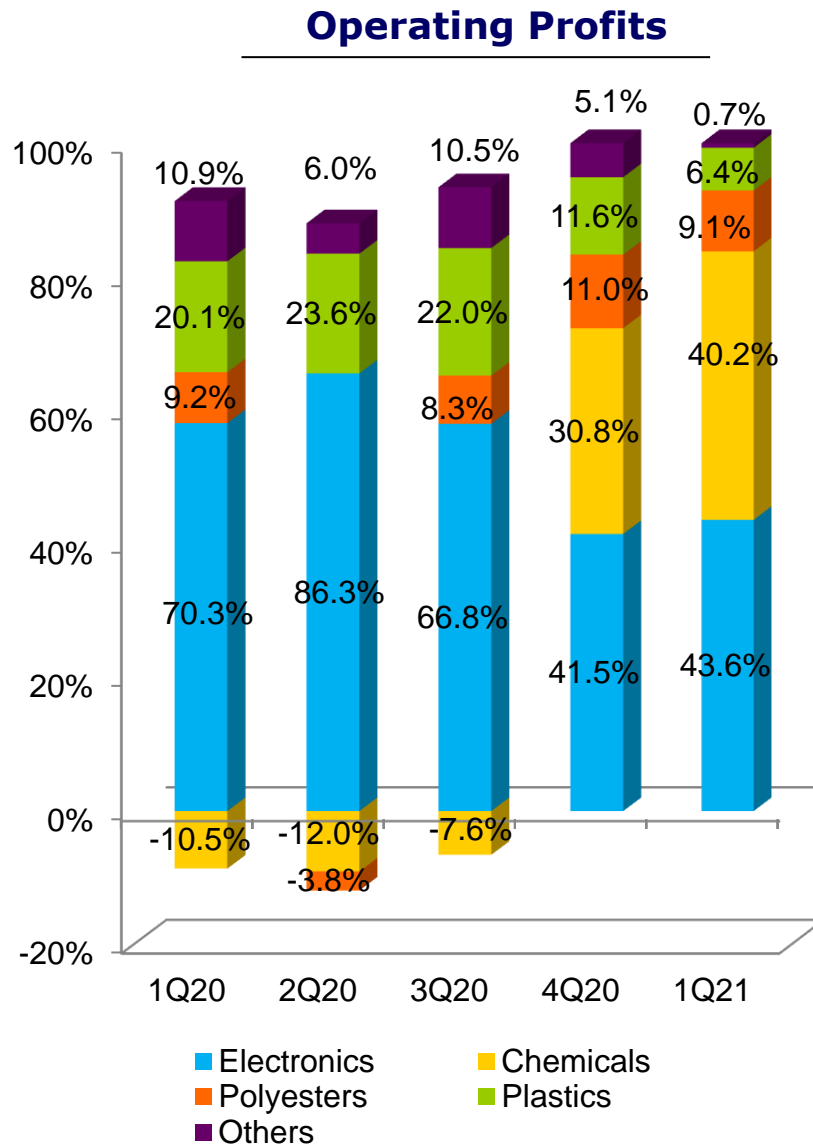


- Driven by the advanced 5G construction, booming remote connection commerce and the needs of electric vehicles and advanced driver assistance systems, the revenue of electronic material products increased. In addition, other products benefited from the gradual recovery of the economy, leading the overall revenue grew significantly.
- The proportion of electronic material products increased significantly, showing the changes in industry trends.



# 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	PP Synthetic Paper	KMT	60	22	37	2021/12
	Plastic Pallet	KMT	17	6	35	2022/11
	Long Fiber-Reinforced Thermoplastics	KMT	0	5	100	2021/9
	Polyester Film	KMT	94	14	15	2021/6
	Polyester Release Film (4 <sup>th</sup> coating machine )	KM <sup>2</sup>	240,000	120,000	50	2021/5
	Polyester Release Film (5 <sup>th</sup> set)	KM <sup>2</sup>	240,000	144,000	60	2021/12
	ABF Substrate	KSF	2,196	350	16	2023/3
Mainland China	Aluminum Laminated Foil	KM <sup>2</sup>	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	2021/9
	BPA	KMT	186	170	91	2021/10
USA	Flexible PVC Sheeting	KMT	48	14	29	2021/11

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



THE END

