

Stock Code : 4766



# Nan Pao Group

Leading • Integrity • Teamwork • Efficiency



**NANPAO**  
Leading **TECHNOLOGY**

To be an indispensable partner in different industries with innovation and green products

# | Outline

01

About Nan Pao

02

Main Product & Application

03

Management Results

04

Forecast

# 01. About Nan Pao



Our Products

# About Nan Pao

Establish Date : 1963. Oct.  
Capital : NTD 1.086 Billion

Chairman : James Wu  
Emerging Stocks Date : 2017.07.21

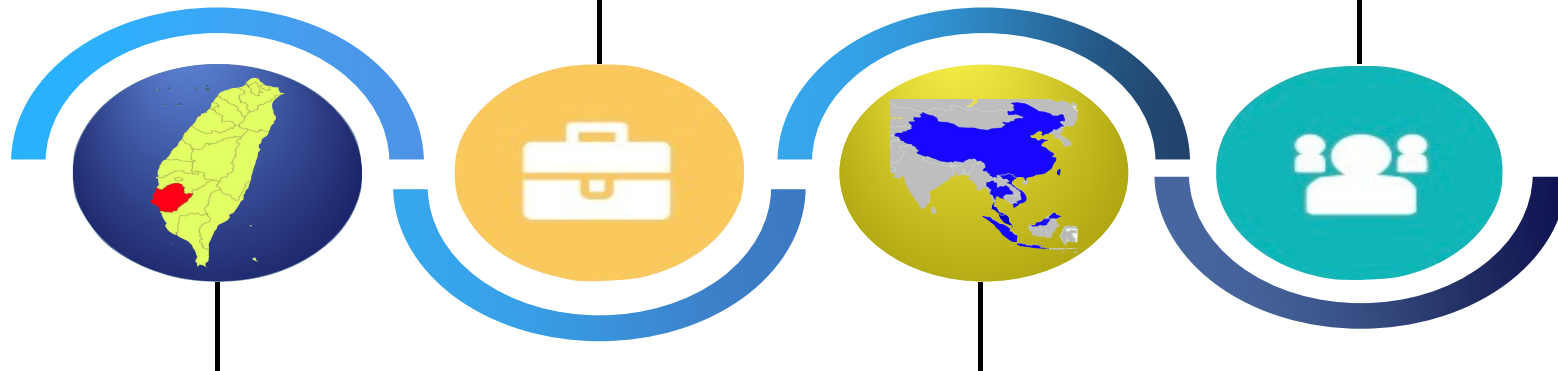
CEO : Elic Hsu

## Product Item

Adhesives, coating, chemical resins, specialty chemicals, biotechnical materials and electronic materials.

## Employee numbers

More than 2,800



## HQ Location

Taiwan (Tainan)

## Location

Taiwan 、 China ( Guangzhou 、 Jiangsu 、 Fujian ) 、  
Vietnam 、 Indonesia 、 Thailand 、 Singapore 、 Malaysia 、  
Australia 、 India 、 Cambodia 、 Bangladesh 、 Philippine

# History

## Establish

- 1953 - Nan Pao Textile Printing Factory founded; Original Dyes of Synthetic Resins
- 1963 - Incorporated as **Nan Pao Resins Chemical Co., Ltd.**
- 1964 - Water-Proof Paints "815" Polyacrylate Resins
- 1965 - Adhesives for Shoe-Making
- 1968 - Graft Chloroprene Adhesives



## Expansion

- 2005 - Nan Pao Group logo renew
- 2005 - Business Division
- 2008 - Across into construction distribution market



1953-1970

1971~1990

1991~2010

2011~2020

## Technology Development

- 1971 - Establish Research Center
- 1973 - Establish research center in Co-production water-based coating with Hoechst(German)
- 1983 - Powder coating Licensed from Riploin
- 1987 - Established Thai Nan Pao Resins Chemical., Ltd



## Forecast

- 2013 - PAS Market
- 2014 - Merge Prince Biotech & RLA
- 2016 - PSA Factory
- 2017 - Emerging Stocks



# Office & Factory Location

- Office:

Qingdao 、 Hong Kong 、 North Vietnam 、 New Delhi 、 Chennai 、 Chittagong 、 Cambodia 、 Sao Paulo 、 Dhaka 、 Yangon 、 Islamic Mabard

- Trading Company:

Philippine 、 India

- Factory:

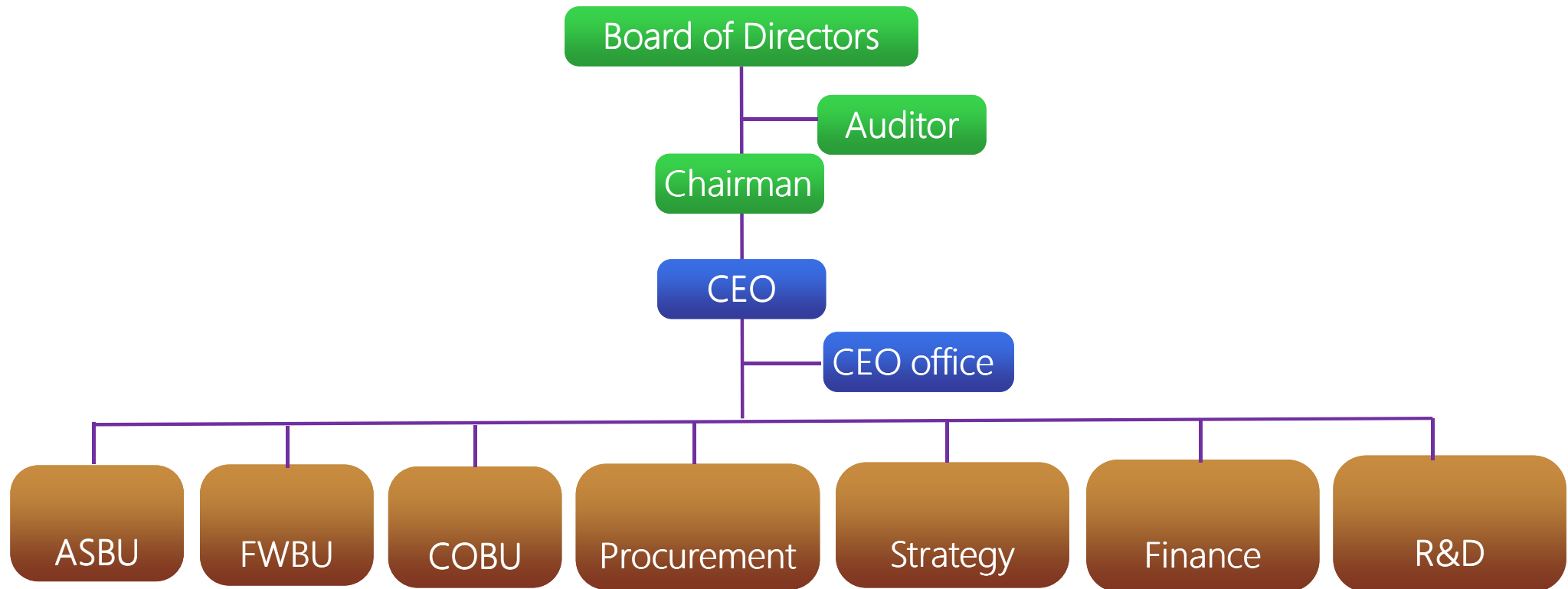
Taiwan ( HQ ) 、 KunShan 、 Fuqing 、 Huang Jiang 、 Foshan 、 Vietnam ( Northern 、 Southern ) 、 NNV 、 Thailand 、 Indonesia

- AFTEK:

Taiwan 、 Vietnam 、 Malaysia 、 Singapore 、 Indonesia 、 Australia



# Nan Pao Group Organizational Structure & Functions



## 2. Main Products & Application





## Footwear & Sport Goods

Shoe Adhesive ( Upper 、 Sole... )  
Treatment 、 HMA



## Paint & Coating

Liquid coatings (for construction 、 Industrial)  
Powder coating (auto parts, furniture ...)  
Metal with anti - fingerprint coating



Product  
&  
Market

## Adhesives & Specialty

Hardware 、 Woodworking  
、 Packaging 、 Leather 、  
Textile 、 Construction 、  
Paper converting 、 Graphic Art 、  
Tape



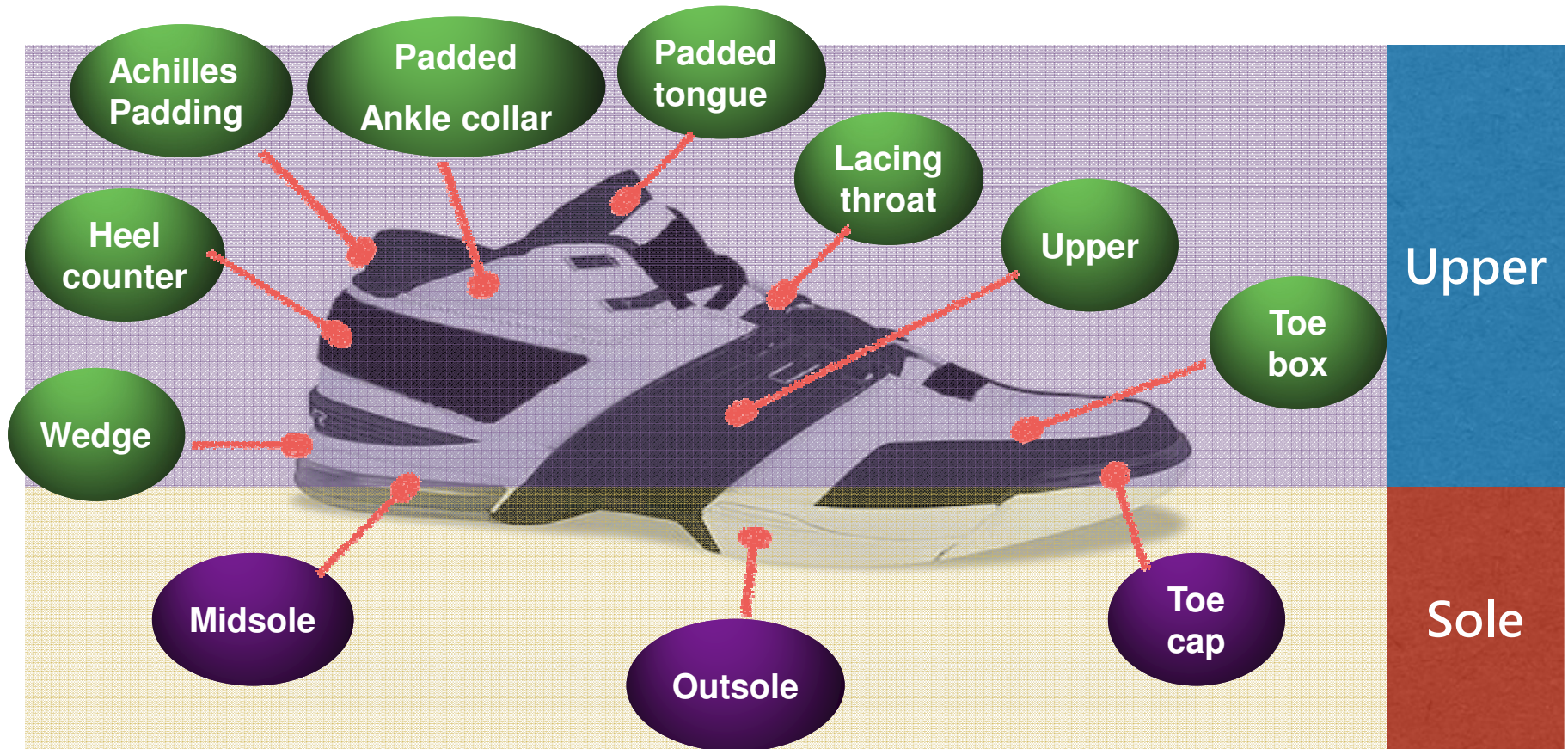
## Growth Unit

Raw Materials for  
Pharmaceuticals 、 Health food  
、 Application of Sol gel  
Technology 、 Electronic  
Materials 、 Building Materials



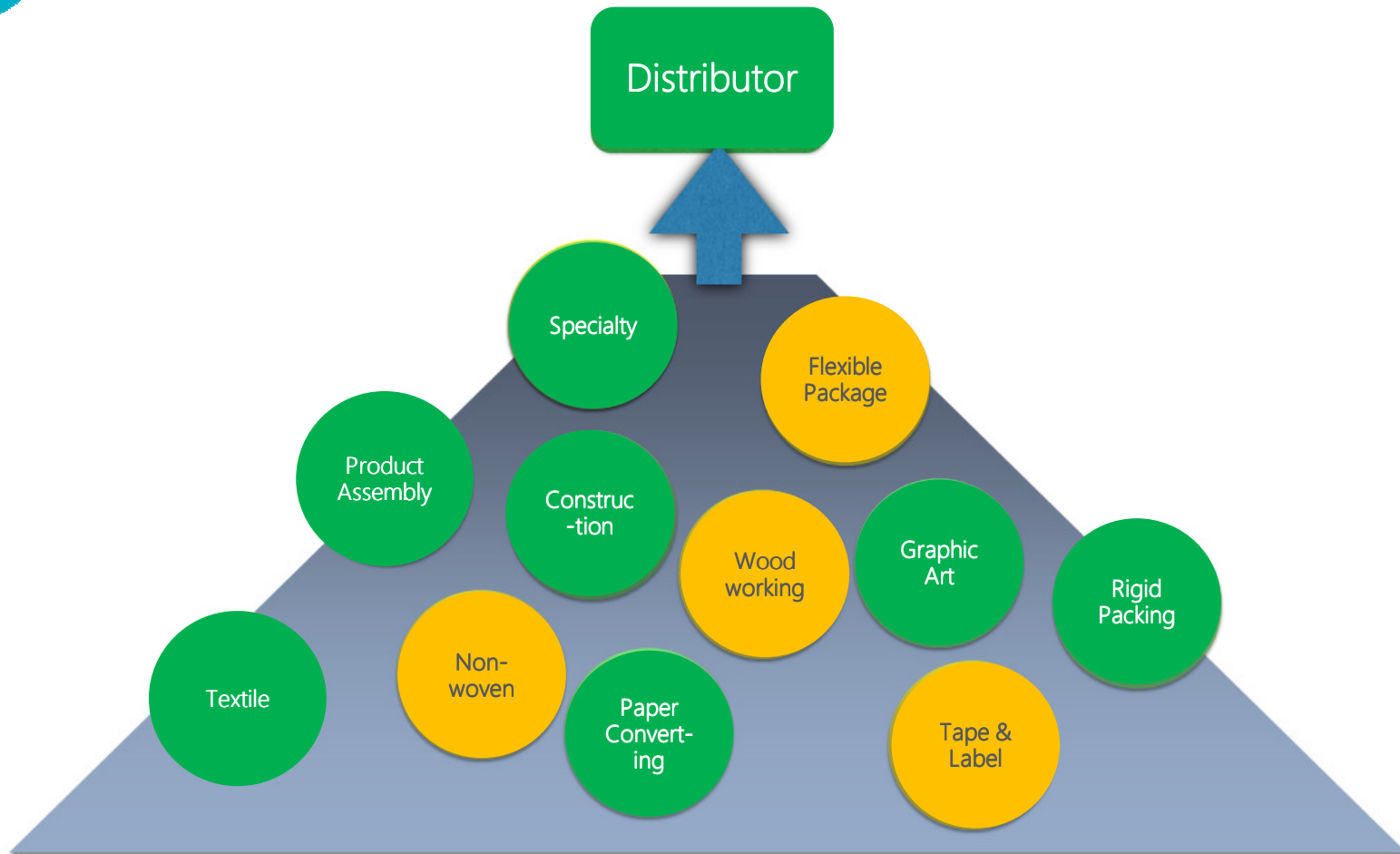


## Footwear & Sport Goods





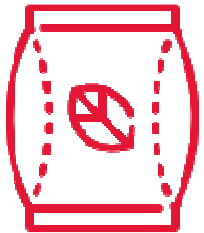
# Adhesives & Specialty - Market Segments



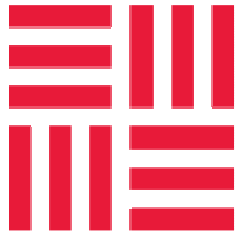


## Adhesives & Specialty - Market Segments

12



**Flex-Pack**



**Woodworking**



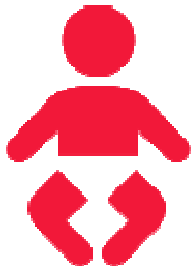
**Textile**



**Graphic arts**



**Rigid Pack**



**Non woven**



**PSA / Tape &  
Label**



**Assembly**



**Construction**

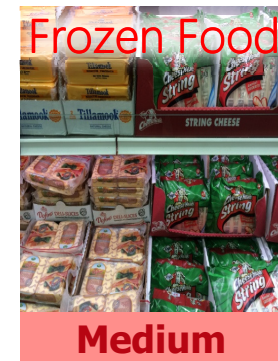


# Adhesives & Specialty - Application(1/2)

## 特化品



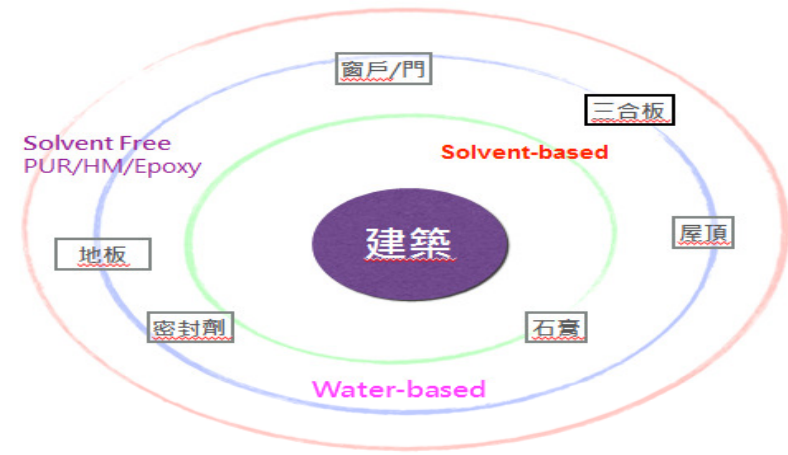
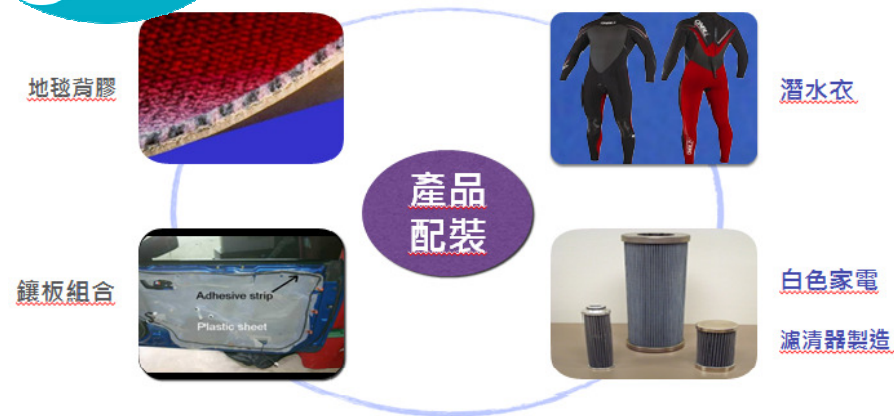
## 軟包材







## Adhesives & Specialty - Application(2/2)





## Paint & Coating

中國知名品牌

The most famous Brand in Taiwan-815



Liquid Painting

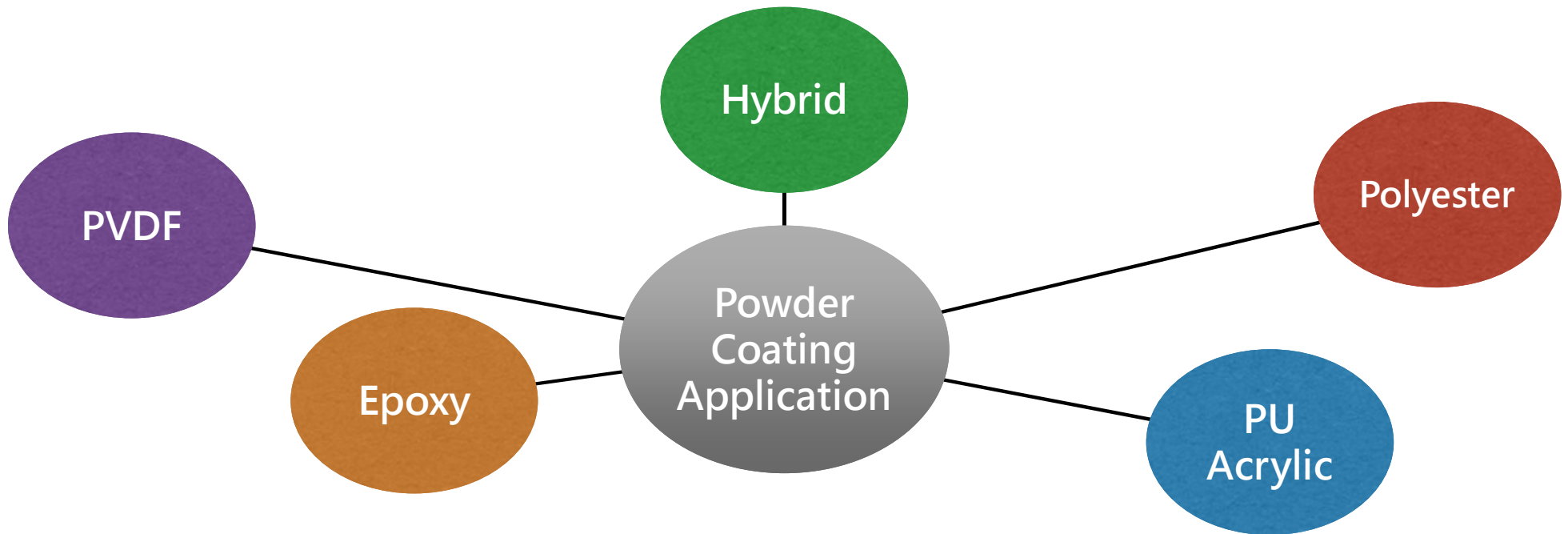


Powder Painting

Top 5 in Asia



## Paint & Coating – Powder coating







## Paint & Coating – Powder coating





## Paint & Coating – Liquid Painting

**Functional  
engineering coatings**



**Architectural coatings and  
waterproof coating materials**



**Floor and concrete  
coatings**



**Liquid  
Painting**

**Heavy corrosion  
coatings**



**Industrial coatings**



**Green and  
environmentally  
friendly paint**

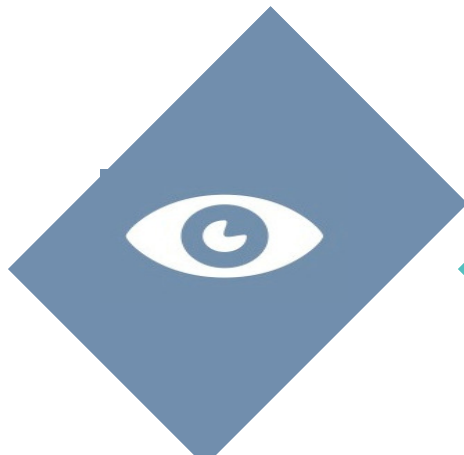




## Paint & Coating – Green Products



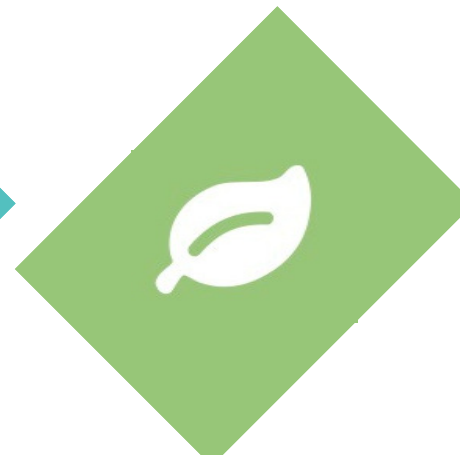
**LEED**  
LEADERSHIP IN ENERGY & ENVIRONMENTAL DESIGN



Water-Based 815  
interior emulsion paint



Green build materials 918  
Solvent free Epoxy Flooring

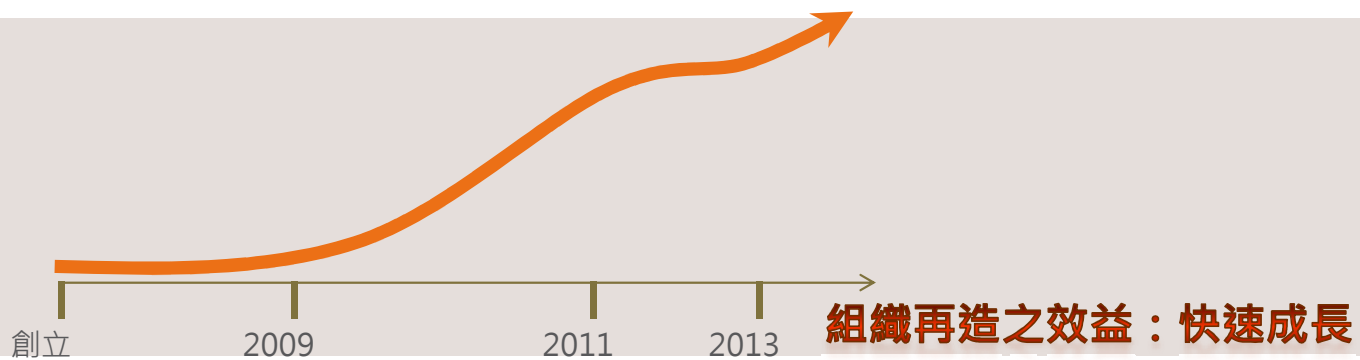


Exterior  
Insulation Paint



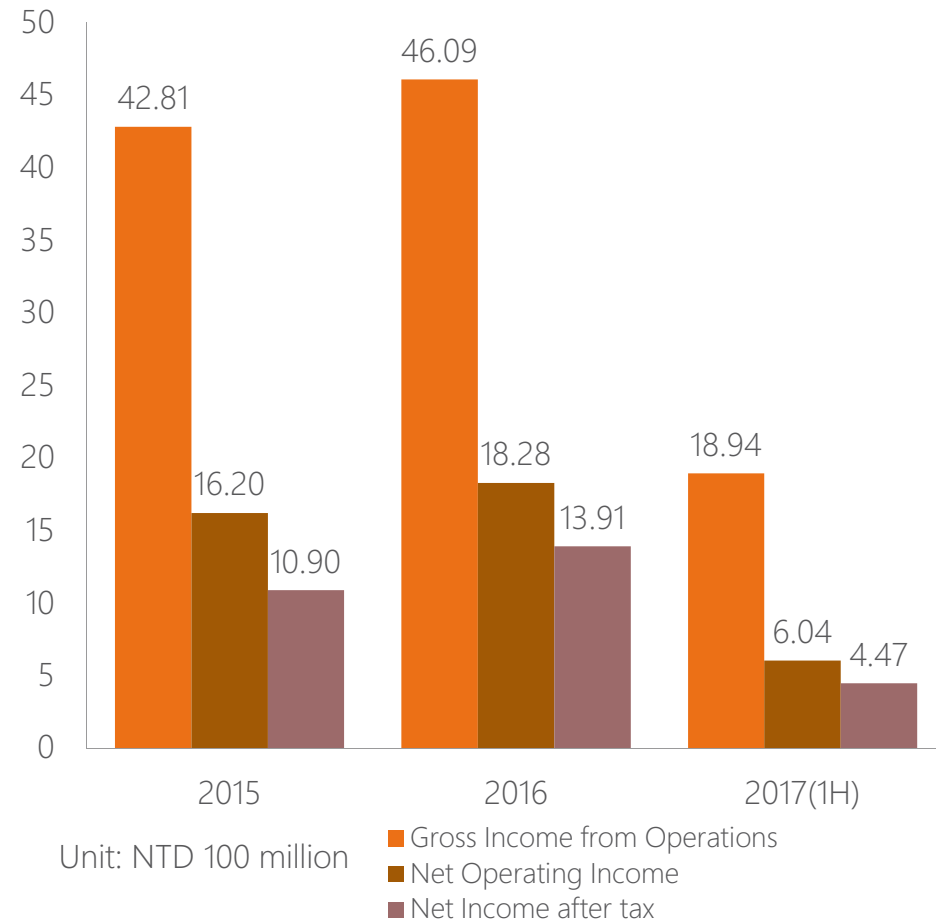
4500 Water Based  
Epoxy flooring

### 03. Management Result



# Management Result

| Unit : NTD K                 |            |            |           |
|------------------------------|------------|------------|-----------|
| Year                         | 2015       | 2016       | 2017 (1H) |
| Net Sales                    | 14,459,543 | 14,578,967 | 6,937,273 |
| Gross Income from Operations | 4,280,863  | 4,608,708  | 1,894,429 |
| Operating Expenses           | 2,660,459  | 2,780,927  | 1,290,397 |
| Net Operating Income         | 1,620,404  | 1,827,781  | 604,032   |
| Net Income before tax        | 1,546,987  | 1,882,358  | 589,195   |
| Net Income after tax         | 1,089,949  | 1,391,063  | 446,712   |
| Earnings Per Share           | 10.59      | 13.59      | 4.12      |



# ISO50001 Certification



- Nan Pao Resins in Taiwan got ISO50001 energy management system certification in November 16th, 2016.
- Establishment management systems and processes to improve energy efficiency and reduce greenhouse gas emissions to save energy costs.



# Certificate of Carbon Footprint



- Nan Pao Water-Based Adhesive NP-3761G and 188, a multipurpose liquid adhesive that replaces nails for building materials were certified "ISO 14064-3: 2006 Guidelines for Carbon Footprint for Products and Services" by SGS and won the first ever "Carbon Footprint Label" in Taiwan.
- Nan Pao Water-Based Adhesive NP-3761G can be used in handicrafts、furniture、paper、woodworking and so on. Product 188 with the main use for the floor construction、indoor and outdoor construction、tile、two nail hanging construction and some non-nail construction environment.



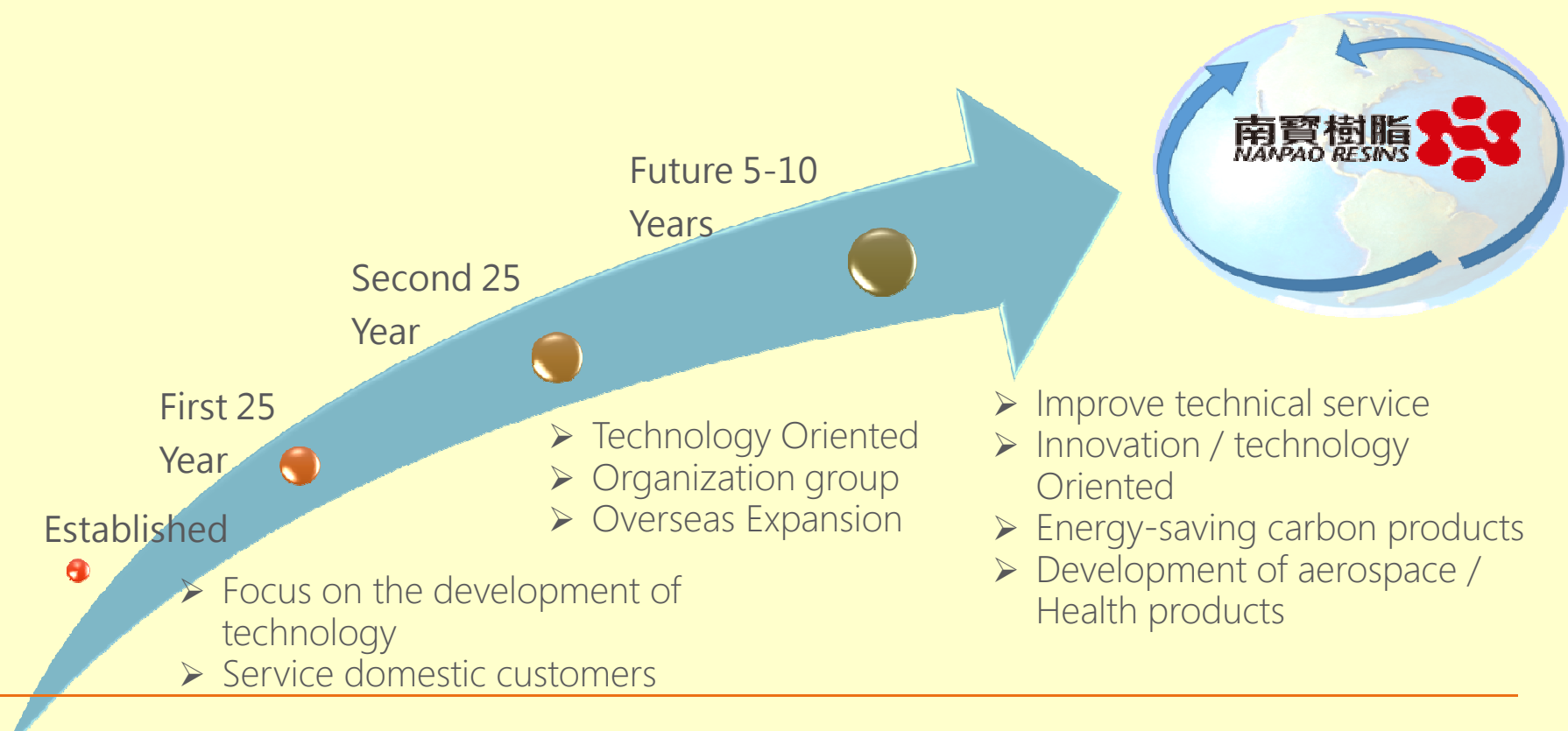
## 04. Forecast



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# Forecast for 5~10 years



# Forecast for 5~10 years

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Leading brand in Asia (Top 3)  
Adhesives and relative applications



Energy saving & Green products



Customer oriented :  
Efficiency and technology improving



High value-added products,  
services and solutions



Go deep in Asia and expansion  
in America

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## Expansion : Darden (Vietnam) First Stage : Solvent Base / Water Base PU & HMA



## Extension : China - Chemical Industry Specialist Zone

The market transition in China, new production sites established in chemical industry zone in eastern China and southern China, build up the development of water base and solvent free products





# NP High Value Resins Development - Material Innovation



# Biotech Materials Applications and Achievements

-Green, Cost effective and High Performance

TPU



Can coating



PU/PE Foam



Structure Material



Leading • Integrity • Teamwork • Efficiency

## VISION

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- Focus on specialty chemicals and materials ;
- Committed to provide high value-added products, services and solutions ;
- A world-class corporate with high regard to sustainability and giving back to society ;
- Consistent revenue growth ;





**THANK YOU  
FOR YOUR  
ATTENTION**

