

Twse : 1735 (since 2002)



日勝化工集團
EVERMORE CHEMICAL GROUP

Evermore Chemical

- Past, Present and the Future

Charles Huang GM
2022.11.29





- 9 subsidiary company , 6 production , 4 Trading company.
- CommonWealth Megazine ranking year 2021 Taiwan 2,000 production company:
- Sales 3.2 Billion NTD , ranking 788
- Sales growth 35.46 % , ranking 338
- Profit 0.10 % , ranking 1117
- Products: PU , acrylic , crosslinking agent , coating additives...

Financial Highlights



日勝化工集團
EVERMORE CHEMICAL GROUP

Consolidated statement of comprehensive income : KNT\$

Account name	Jan. to Setp. 2022	Jan. to Setp. 2021	2021
Operating revenue	2,327,755	2,329,644	3,201,106
Operating cost	2,028,495	2,006,366	2,767,913
Gross profit	299,260	323,278	433,193
Gross margin	12.9%	13.9%	13.5%
Operating expenses	320,979	294,990	401,904
Operating income(Loss)	(21,719)	28,288	31,289
Non-operating income and expenses	36,326	(22,172)	(24,881)
Profit before tax	14,607	6,116	6,408
Profit	12,776	10,201	10,057
Basic EPS(NTD\$)	0.13	0.10	0.10

Financial Highlights



日勝化工集團
EVERMORE CHEMICAL GROUP

Consolidated statement of comprehensive income : KNT\$

Account name	Jan. to Setp. 2022	Jan. to Setp. 2021	Increase (Decrease)
Operating revenue	2,327,755	2,329,644	(1,889)
Operating cost	2,028,495	2,006,366	22,129
Gross profit	299,260	323,278	(24,018)
Gross margin	12.9%	13.9%	-1.0%
Operating expenses	320,979	294,990	25,989
Operating income(Loss)	(21,719)	28,288	(50,007)
Non-operating income and expenses	36,326	(22,172)	58,498
Profit before tax	14,607	6,116	8,491
Profit	12,776	10,201	2,575

Consolidated Balance Sheet :

KNT\$

Account name	2022.09.30	2021.12.31	2021.09.30
Current assets	2,133,792	2,074,760	2,110,508
Non-current assets	1,712,803	1,642,058	1,631,985
Total assets	3,846,595	3,716,818	3,742,493
Current liabilities	1,884,488	1,808,476	1,824,041
Non-current liabilities	475,742	476,124	489,988
Total equity	1,486,365	1,432,218	1,428,464
Total liabilities and equity	3,846,595	3,716,818	3,742,493

Financial Highlights



日勝化工集團
EVERMORE CHEMICAL GROUP

Consolidated Balance Sheet :

KNT\$

Account name	2022.09.30	2021.12.31	Increase (Decrease)
Current assets	2,133,792	2,074,760	59,032
Non-current assets	1,712,803	1,642,058	70,745
Total assets	3,846,595	3,716,818	129,777
Current liabilities	1,884,488	1,808,476	76,012
Non-current liabilities	475,742	476,124	(382)
Total equity	1,486,365	1,432,218	54,147
Total liabilities and equity	3,846,595	3,716,818	129,777



	日勝化工股份有限公司 EVERMORE CHEMICAL INDUSTRY CO., LTD.	Taiwan 1989	PU、CLA UV monomer/ oligomer
	東莞寶建高分子材料有限公司 Pou Chien Chemical CO., LTD.	China 2005	PU
	肯美特材料科技股份有限公司 CHEM-MAT TECHNOLOGIES CO., LTD.	Taiwan 2007	UV Curing Resin
	U-BEST VIET NAM POLYMER INDUSTRY CO., LTD. Công ty TNHH U-Best Việt Nam Polymer Industry	Vietnam 2020	PU、CLA
	VIET NAM SUN YAD TECHNOLOGY LIMITED. Công ty trách nhiệm hữu hạn SunYad Việt Nam Technology	Vietnam 2020	PU
	上海 博帝貿易有限公司 TOPCO(SHANGHAI) CO., LTD.	China 2005	Trading
	克哲國際貿易有限公司 GIANT STAR TRADING CO., LTD.	Taiwan 2009	Trading
	利哲興(上海)貿易有限公司 LEADERSHIP (SHANGHAI) CO., LTD.	China 2017	Trading
	TOP WELL ELASTIC TECHNOLOGY CO., LTD.	Thailand 2017	Trading

Location in Asia



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EVERMORE CHEMICAL GROUP

TOPCO(2005)
Shanghai, China



LEADERSHIP(2017)
Shanghai, China



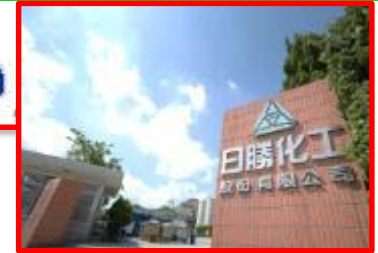
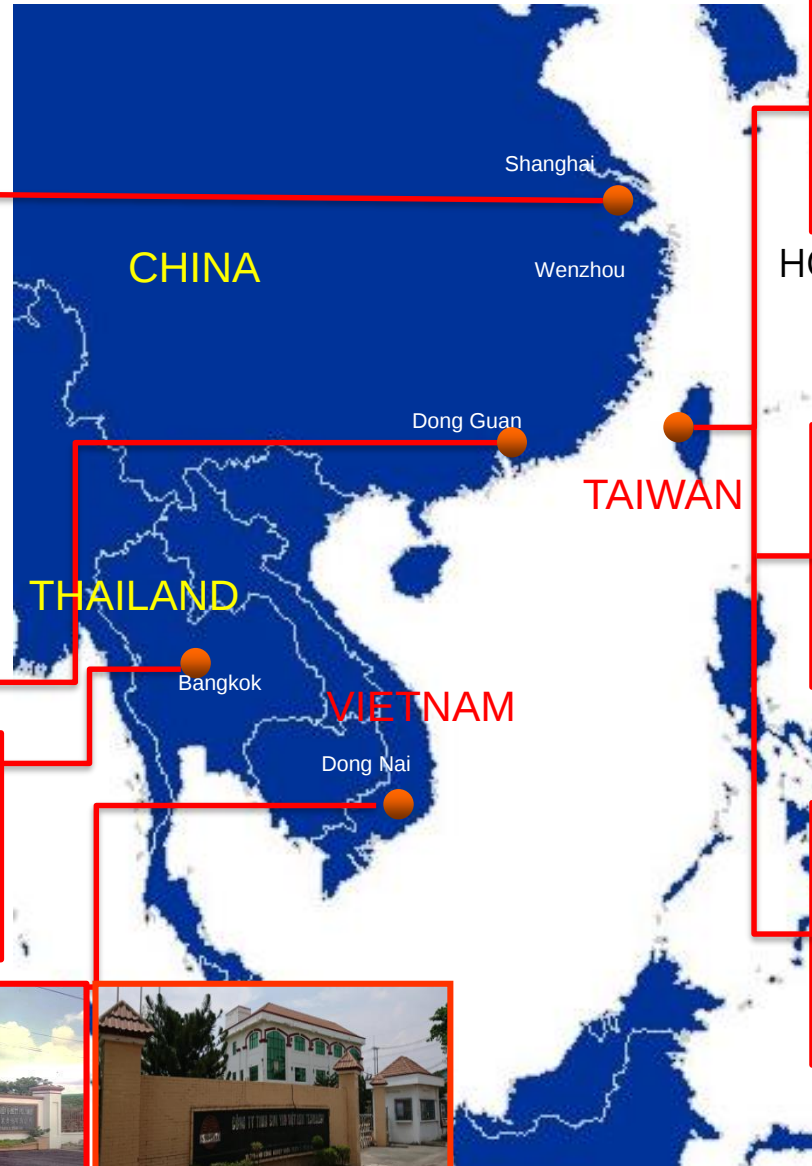
POU CHIEN (1999)
Dong Guan, China

TOPWELL (2017)
Bangkok, Thailand



U-BEST VIET NAM (2020)
Dong Nai, Vietnam

VIET NAM SUN YAD(2020)
Dong Nai, Vietnam



HQ : EVERMORE(1989)
Nantou, Taiwan
DaYuan, Taiwan



CHEM-MAT(2007)
Nantou, Taiwan



GIANT STAR(2009)
Taichung, Taiwan

UTION



Polyester Polyol

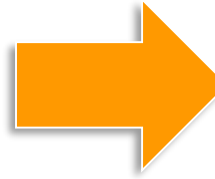
PU Resin

PU System

TPU

Crosslinking Agent

UV Materials



Applied on

Synthetic Leather

Split Leather

Fabric & Textile

Coating & Ink

Footwear

Optical Film

Flexible Packaging

Other Industry

Synthetic Leather , Textile Coating/Lamination , Ink Carrier

- Solvent Based
- Water Based
- Reactive Hotmelt
- 2-K Non-solvent



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全方位客戶解決方案 **TOTAL SOLUTION**

Microcellular PU Foam for Footwear Soling Materials

- Outsole System
- Midsole System
- Insole System



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全方位客戶解決方案 **TOTAL SOLUTION**

Balenciaga Triple S



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全方位客戶解決方案 **TOTAL SOLUTION**

- Injection Grade
- Extrusion Grade
- Calendar Grade
- Film Grades (high & low temp.)
- Special Grade (super abrasion TPU)

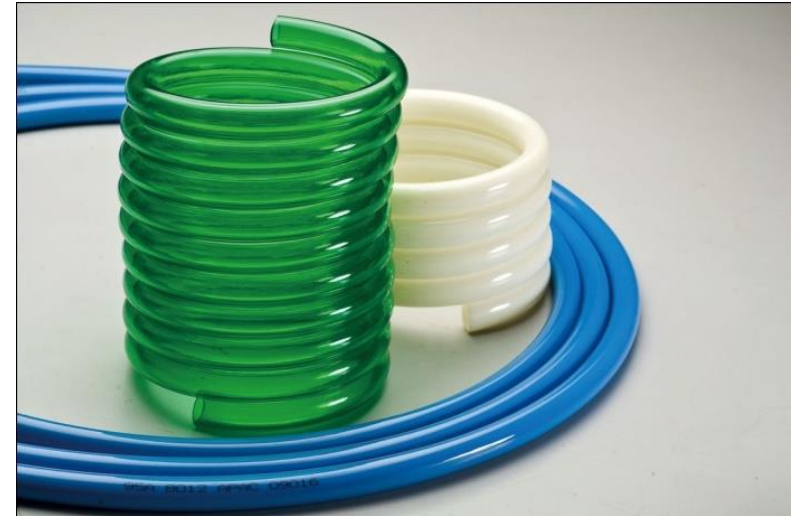


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全方位客戶解決方案 **TOTAL SOLUTION**

Polyisocyanate Series

- Aromatic Type (For Wood Coating)
 - Trimer
 - Adduct (low free monomer)
- Aliphatic Type (For Textile 、Leather Coating)
 - Trimer/Biuret
 - Adduct (For Flexible Food Packaging Adhesive)



照片取自網站，所有權屬於該公司所有

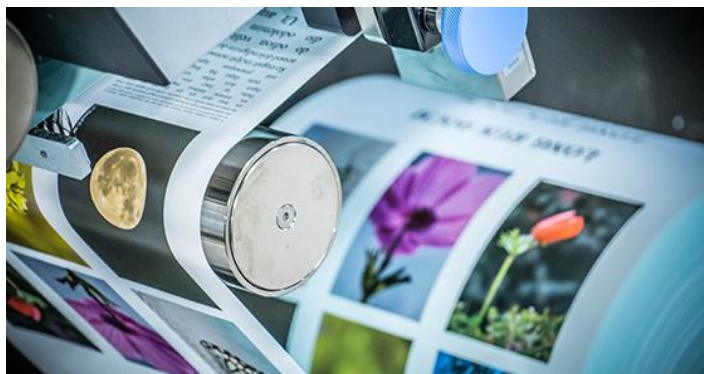
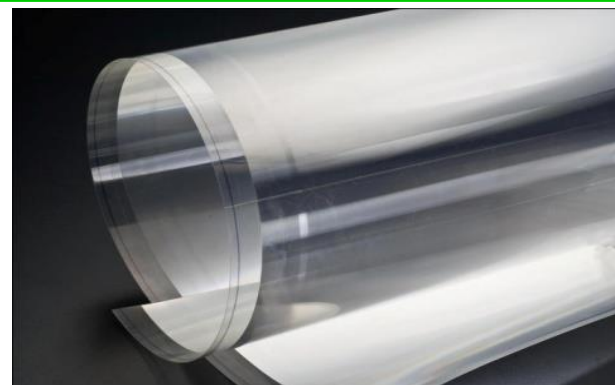
UV Monomers 單體

- Monofunctional monomer
- Difunctional monomer
- Multifunctional monomer

UV Oligomers 寡聚物

- Urethane Acrylic Oligomer
- Ester Acrylic Oligomer

UV Overprint Varnish 紙上光



- Development of Key Intermediate

Chemical
Structure
Design

Coating

- UV coating for BEF
- UV hard coat
- Road Paint (MMA resin)

CMT

Nano
Dispersion

Adhesive

- Alumina (Al_2O_3)
- Zirconia (ZrO_2)

- Anaerobic adhesive
- UV adhesive
- Conductive adhesive

Company	Factory	Products	Application
(日勝) EMC	(南崗工廠) NK Factory	• UV Monomer	• All Industries
		• UV Oligomer	• All Industries
		• UV Coating	• OPV*
	(大園工廠) DY Factory	• UV Oligomer	• All Industries
		• UV Coating	• OPV
		• OEM	• Electronic
(肯美特) CMT	(南崗工廠) NK Factory	• UV Coating	• BEF** • Hardcoat
		• Nano Dispersion - Al ₂ O ₃ - ZrO ₂	• Optical Electronic

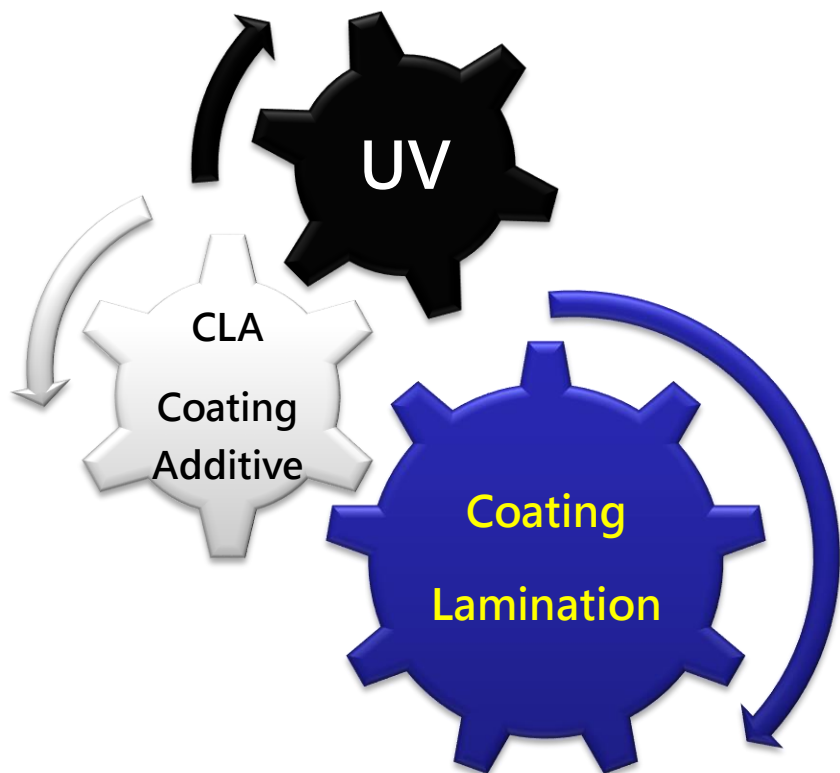
* OPV: Overprint Varnish

** BEF: Brightness Enhancement Film

Core Business Strategy



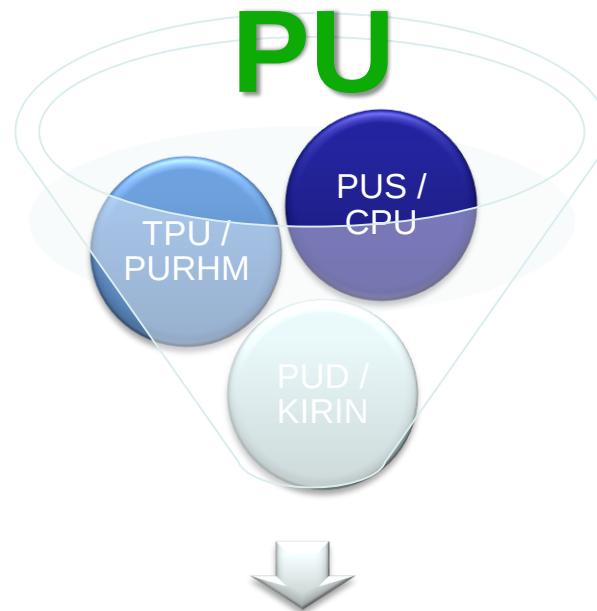
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塗料特化與架橋劑(**SC** , **CLA**)
(Coating , **S**pecial **C**hemicals & **CLA**)

Business : Coating 、 Adhesive...

Products : CLA 、 UV 、 Oligomer 、
Monomer...(EMC , CMT , TOPCO , Giant Star)

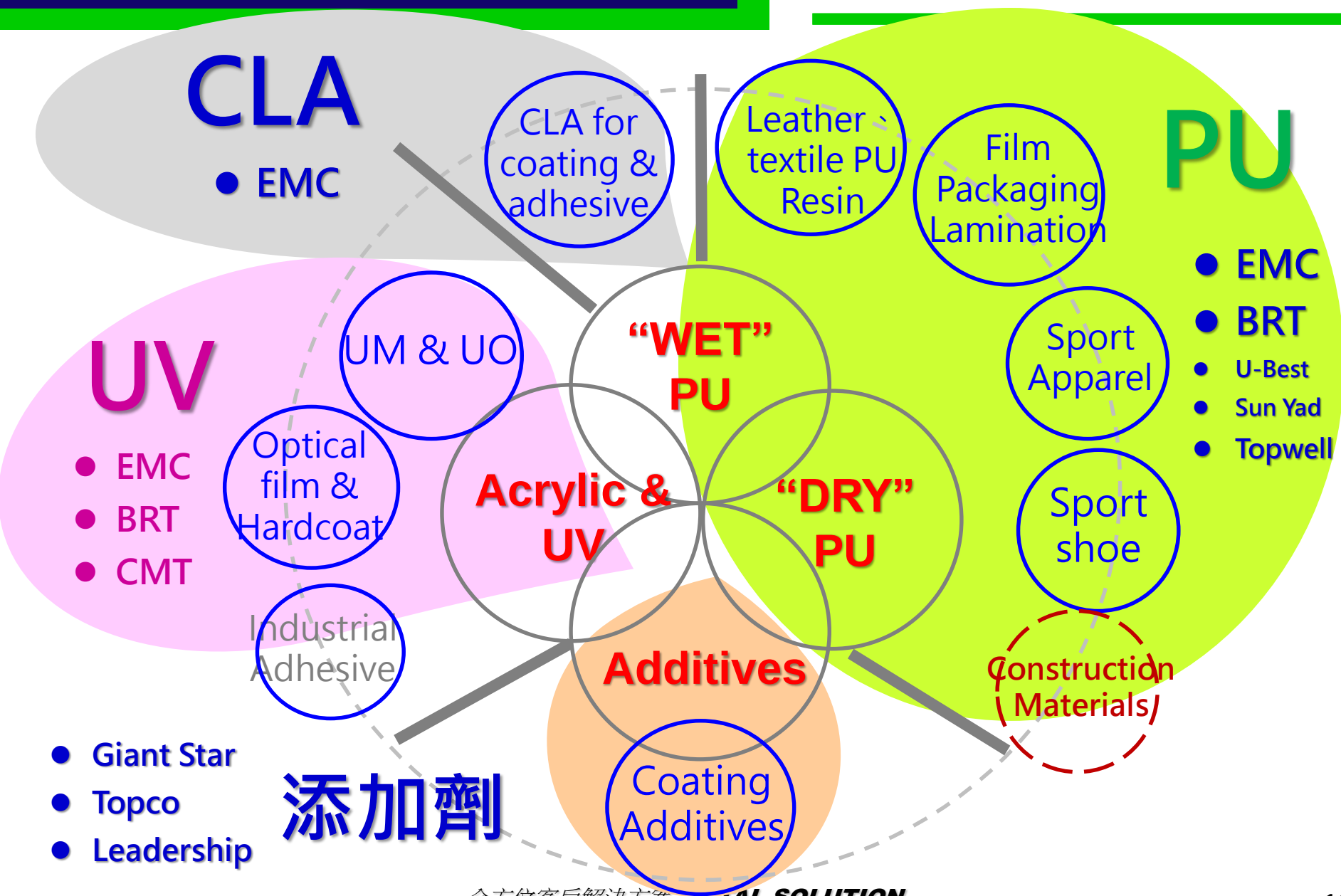


生活及運動產業 (**SLS**)
(**S**port & **L**ife **S**tyle)

Customer : Brands 、 T1 、 T2 、 post
treatment

Business : Shoes 、 Apparel 、 Equipment

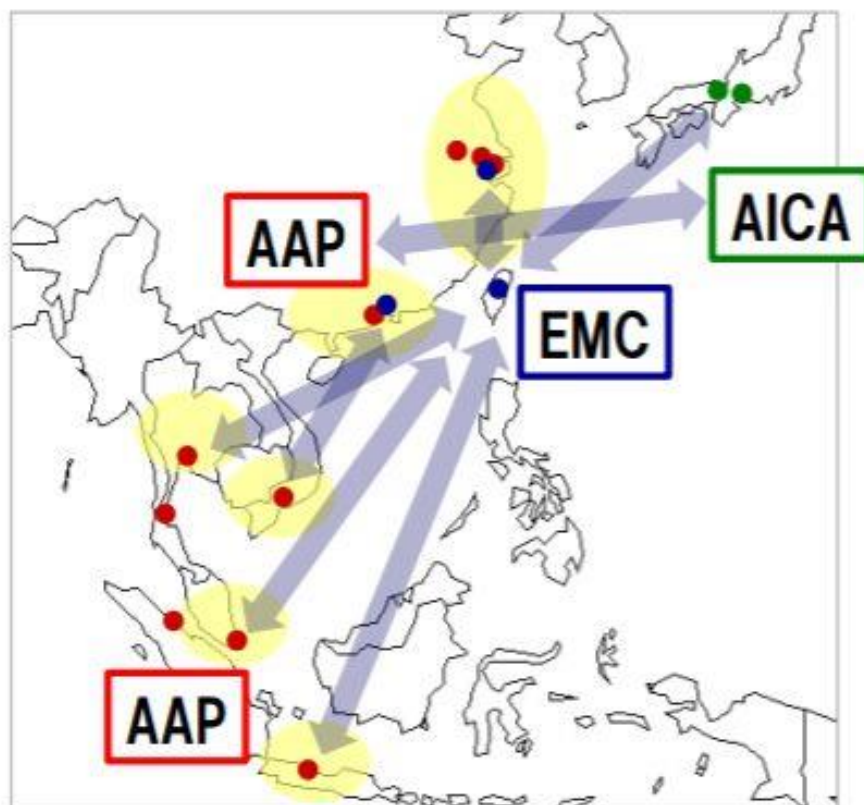
Products : **PU**...(EMC , **BRT**)



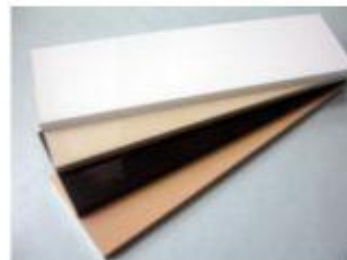
化成品セグメント 方策(機能材料)

AICA

■ エバモア社(EMC)・AAP各社・アイカ工業のシナジー創出



反応性ホットメルト(建材用)



UV硬化型樹脂



エバモア・ケミカル・インダストリー(EMC)の拠点

AICA



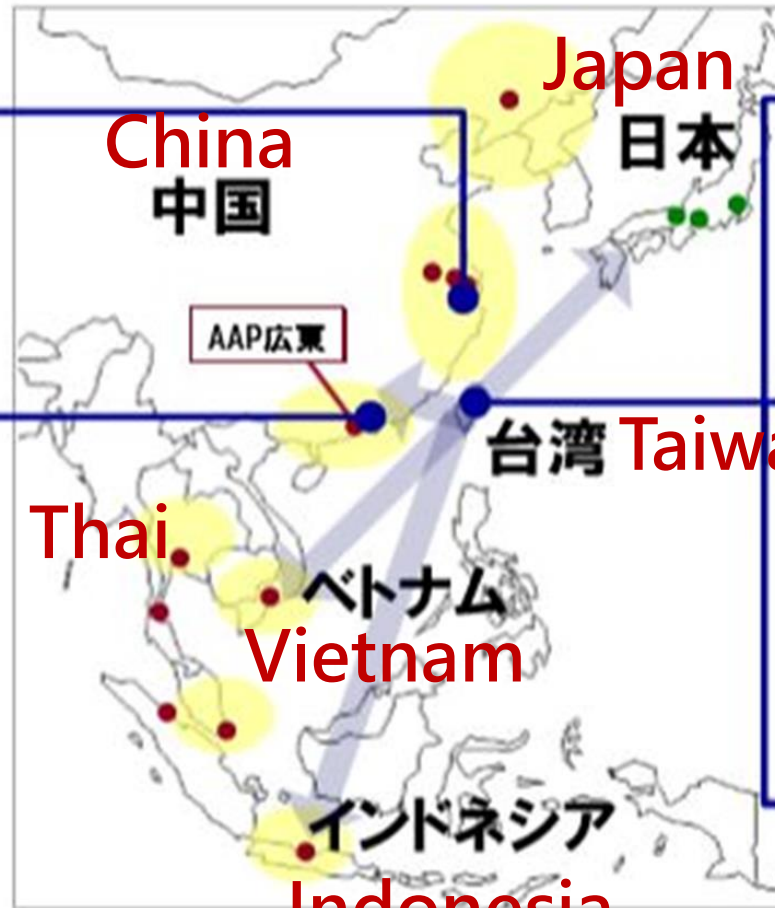
TOPCO(上海)販社
利哲興(上海)



POU CHIEN(東莞)
ウレタン樹脂製造

泰國曼谷
TOPWELL

U-BEST Vietnam
Sun Yad Vietnam



EVERMORE(南投)
ウレタン樹脂、
UVモノマー製造



CHEM-MAT(南投)
UV樹脂製造



GIANTSTAR(台中)販社

- EMC: エバモア・ケミカル・インダストリーグループ拠点
- AAP: アイカ・アジア・パシフィックグループ拠点
- AICA: アイカ工業機能材料開発製造拠点



Sustainability

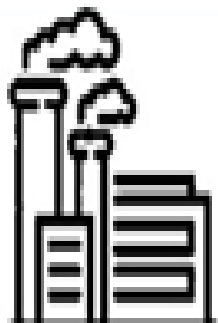
$$= \text{EPS} + \text{ESG}$$

Carbon reduction path planning



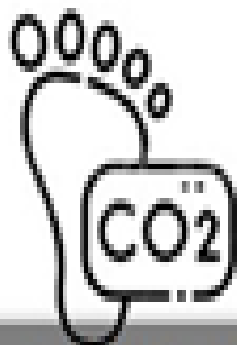
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Carbon management capability



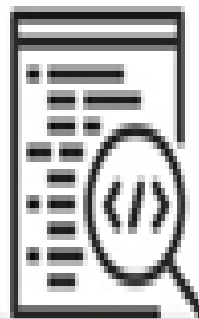
Organizational inspection:

- Corporate Carbon Reduction Foundation
- Specific Industry Promotion
- Compatible with CBAM



Product carbon footprint:

- Key consumer products
- Footprint calculation extends to supply chain
- Invest human resources /High costs



Reduction goals and plans:

- Positive attitude in carbon reduction
- Import human/ technical/ funding and other resources



Exchange and transaction:
Complete relevant systems
and market mechanisms

Carbon Interrogation

Carbon Reduction

Carbon Neutral

Time

Carbon Verification

ISO 14064-1

Greenhouse Gases-Specifications for Organizational Level Greenhouse Gas Emissions and Removal Quantification and Reporting Guidelines.

ISO International Standard

Executive Main Points

1. Calculate the carbon emissions of the whole plant.
2. Be necessary to obtain the company's own data (such as electricity bills).
3. Acquisition of carbon emission coefficient (Environmental Protection Agency announcement).
4. The ability to calculate independently through simple tools.

Execution Objects

1. According to the Environmental Protection Agency's announcement, the first batch of emission sources that should be checked and registered for greenhouse gas emissions (annual emissions greater than 25,000 tons, 288 registered in 2010.); according to the temperature control law, carbon inventory must be carried out and the emission information must be registered on the platform of the Environmental Protection Agency.
2. For those who are not regulated, it is voluntary.

Carbon Footprint

ISO 14067

Greenhouse Gas-Product Carbon Footprint Quantification Requirements and Guidelines.

1. Calculate carbon emissions of product life cycle.
2. Need to obtain product upstream and downstream supply chain data.
3. Use the database (paid) to obtain the coefficient.
4. The calculation is complicated, and there are no simple tools available.

There is no regulatory requirement, and it is voluntary.



Schedule Planning of Greenhouse Gas Interrogation

According to the Letter No. 1110004505 of the Taiwanese Stock Exchange Center on 21st March 2022:

First, the parent company's greenhouse gas interrogation and verification schedule is reported to the board of directors for control and management on a quarterly

Projects	Estimated finish time
Set up full-time (part-time) units, assess the number of full-time (part-time) staffs and their scope of responsibility, and set up internal verification units.	Dec 2022
Formulate talent training, strategic objectives, control mechanisms, internal and external verification plans.	Jun 2023
Completion of greenhouse gas interrogation.	Apr 2026
Conduct external verification.	May 2028

Second, the subsidiaries' greenhouse gas interrogation and verification schedule is reported to the board of directors for control and management on a quarterly

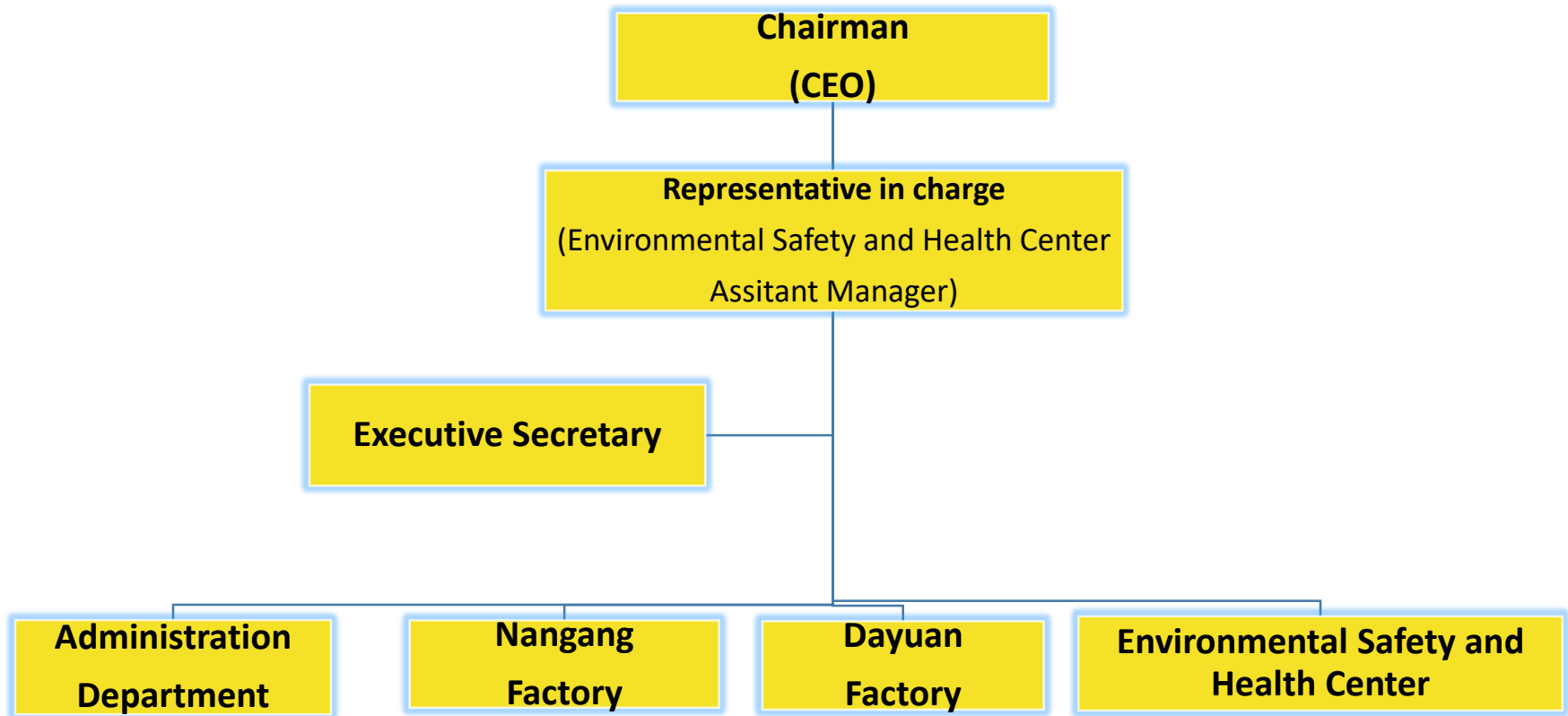
※ In March 2023, the board of directors reports the schedule of subsidiaries

Projects	Estimated finish time
Set up full-time (part-time) units, assess the number of full-time (part-time) staff and their scope of responsibility, and set up internal verification units.	Not decided yet
Formulate talent training, strategic objectives, control mechanisms, internal and external verification plans.	Not decided yet
Completion of greenhouse gas interrogation.	Not decided yet
Conduct external verification.	Not decided yet

Organizational Chart of Greenhouse Gas Interrogation



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樸 實 剛 毅

挑戰と創造