



2025

USI Group Profile

USIG Affiliates

Petrochemical

USI Corporation (USI)

Asia Polymer Corporation (APC)

Taita Chemical Company, Limited (TTC)

China General Plastics Corporation (CGPC)

CGPC Polymer Corporation (CGPCP)

Taiwan VCM Corporation (TVCM)

Swanson Plastics Corporation (SPC)

Fujian Gulei Petrochemical Co., Ltd (FJGLPC)

AIoT Industrial Solution Platform

DELmind Inc.

Distribution & Storage

China General Terminal & Distribution Corporation (CGTD)

Electronic Component

ACME Electronics Corporation (ACME)

USI Optronics Corporation (USIO)

Non-profit Organization

USI Education Foundation (USIF)

Green Living

USI Green Energy Corporation (USIGE)

Global Green Technology Corporation (GGTC)

Chem Union Renewable Energy Corporation (CURE)

Swanson Technologies Corporation (STC)

Investment

USI Investment Co., Ltd (USII)

Taiwan United Venture Capital Corporation (TUVC)

Trading

Chong Loong Trading Co., Ltd (CLT)

USI Trading (Shanghai) Co., Ltd (USIT)

Xiamen/Zhangzhou USI Trading Co., LTD

Management Consultant

USI Management Consulting Corporation (UM)

Taiwan United Venture Management Corporation (TUVM)

Total assets

US\$2.19 Billion

(2024 fiscal year)

Revenue
(Consolidated)

US\$1.56 Billion

(2024 fiscal year)

Total Employees

4,824

(up to Mar. 2025)

Key Moments in Our History

1960 TTC established
1964 CGPC established
1965 USI established

1960s

1986 SPC established
1989 CGTD established

1980s

2001 UM established
2009 CGPCP established

2000s

2020 USIGE and USIZZ established
2022 Established GGTC and
DELmind Inc, a joint venture
with Delta Electronics, Inc.
2023 CURE and Xiamen USI trading
Co., LTD established

2020s

1970s

1970 TVCM established
1977 APC established

1990s

1991 ACME established
1996 USI merged TTC, CGPC,
APC, TVCM, CGTD

2010s

2010 USIO established
2016 FJGLPC established

Our Major Product Application

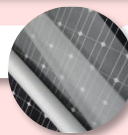
USI Corporation

Asia Polymer Corporation



Polyethylene (PE)

Various densities for films, containers, hoses, etc.



EVA Resin

For solar encapsulation film, footwear materials, wires and cables, etc.



Cyclic Block Copolymer

Pharmaceutical containers, UVC sterilization, capacitor film, IC manufacturing, etc.

Taita Chemical Company, Limited



ABS / SAN Resin

Used for automotive parts, home appliances, food containers, etc.



Polystyrene (PS)

For appliances, food containers, foamed insulation/cushioning, etc.



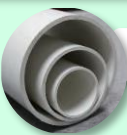
Glass Wool

Building material for thermal and acoustic insulation.

China General Plastics Corporation

CGPC Polymer Corporation

Taiwan VCM Corporation



Polyvinyl Chloride

Covering VCM and PVC resin production.



PVC Film/ Leather

For motorcycle seats, electrical tape, pipes, waterproof membranes, etc.



Chlor-alkali Products

Includes hydrochloric acid, liquid caustic soda, bleach, etc.

Swanson Plastics Corporation

Swanson Technologies Corporation



PE Films/ Packaging

Stretch film, embossed film, release film, etc.



Lifestyle Products

Food freshness bags, performance rainwear, UVC water bottles, etc.



Protection Innovations

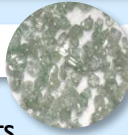
Anti-haze screens, anti-cat scratch screens, liquid insulation coating, etc.

ACME Electronics Corporation



Soft Ferrite Cores

For electronic & automotive components (filters, transformers, etc.)



SiC Powder

6N high purity, available as N-type and semi-insulating



Sintered SiC

For semiconductor industry (pedestals, rings, etc.)

Fujian Gulei Petrochemical Co., Ltd

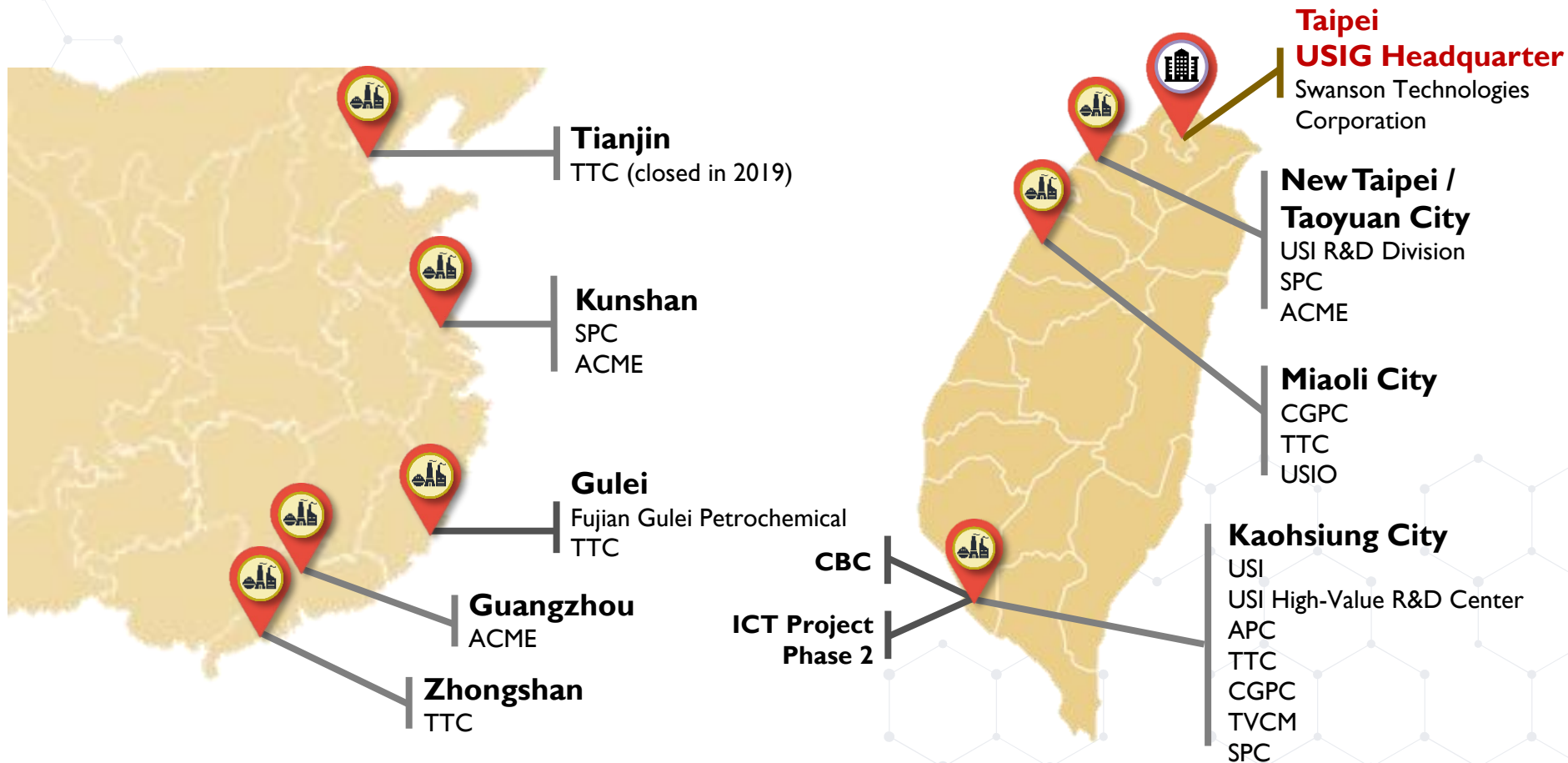


Steam Cracking Products

Light Hydrocarbons, Aromatics, PP, EVA, SBS, etc.

* USIG, in collaboration with Taiwanese petrochemical and financial industries, jointly established Xuteng Investment Company. Subsequently, Xuteng Investment Company (Taiwanese side) and Fujian Refining & Petrochemical Company (mainland China side) jointly established Fujian Gulei Petrochemical Co., Ltd. with a 50%:50% equity ratio.

Our Worldwide Presence



Overseas

- **United States** : CGPC
- **Malaysia** : SPC 、 ACME
- **Singapore** : SPC
- **India** : SPC
- **Indonesia** : SPC

Members in the
R&D Department

271

With master
degree or above

102

Under 50 years old

226

10-year Experiences

113



Our Strength in R&D

- 1966 Customer Service Laboratory
- 1995 Gold prize in the Consumer Petrochemical Sector of the 4th Technology Advancement Award given by the Ministry of Economic Affairs
- 2011 Obtained the relevant patented CBC production technology
- 2018 Kaohsiung Plant was established to serve as the world's first factory for commercial production of CBC
- 2019 Commercialization of high VA and low MI EVA product series, integrating CBC and PE related technology to access high value-added polyolefins film market, and investing in the R&D of high-functional coating and halogen-free flame retardants
- 2020 The National Innovation Award was granted to ViviOn™ (CBC)
- 2022 USI High-Value R&D Center was started to enhance process efficiency and develop own technologies

Zipper Bag

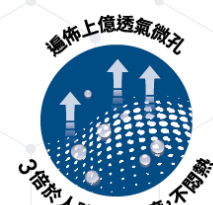
According to the FAO statistics, up to 45% of fruit and vegetables are soiled or spent during their life-span. We develop a technology to keep fruit and vegetables fresh by absorbing their spoilage agents to extend their life-span and thereby reduce food wastage. In addition, the reusable PE bag can indirectly reduce resource wastage.

USii Zipper Bag



Breathable Rain Poncho

Taiwan's climate is hot and humid. Raincoats are necessary to be used when encountering the rain on road. It is common that there would be a bad odor along with rain and sweat spreading out when taking off the raincoat made of non-breathable material. The USii breathable raincoat adopts microporous technology to scatter hundreds of millions of air-permeable micropores on the surface of the raincoat, which allows the coat to increase the permeability coefficient to $8000\text{g/m}^2/24\text{hrs}$ so that the heat radiated from the body can be evaporated by these surface micropores. Hence, this product is able to disrupt the humid, hot, stuffy, and smelly stereotypes of raincoats.



Our New Product - USii

Anti Smog Mesh

Do you know that inhaling PM2.5 every day can cause lung cancer, cardiovascular disease, and breast cancer?

The Anti Smog Mesh uses nanofiber filter with patent from Japan, which can effectively remove odors and formaldehyde in the air with photo catalyst on the mesh. According to SGS testing, it can effectively filter PM2.5 particles up to 99.9%. It is deodorizing and antibacterial. It can be reused after wash with clean water. Moreover, installing it won't affect the air volume of the fan. It turns the electric fan into an air purifier within a few steps. "Enjoy fresh air with your beloved one with only hundreds of NTD."



Aqua Genie

好快速



Get clean water in 60 secs

好輕便



Weight only 240g

The mixing industrial and residential zone and old water distribution systems have raised people's concerns about daily drinking water pollution. Domestic water use is full of doubts, and it is even more difficult to check the cleanliness and safety of bottled water when traveling. The Aqua Genie uses a Tritan bottle that is free of bisphenol and plasticizers and is equipped with deep ultraviolet(UVC) exclusive focusing technology. Achieving a 99.9% sterilization rate in drinking water within 1 minute. Enjoy the highest quality purified water with Aqua Genie.



傾斜30度自動斷電 保護眼睛



瓶身 / UV底座分離 不用怕喝電池水

輕量化 × 99.9%

除菌

上山下海 都不怕



Anti-haze Screen Window Mesh

The Anti-haze High-Performance Electrostatic Screen Window Mesh launched by USii utilizes high-efficiency electrostatic filter mesh technology. It can effectively block up to 96% of PM2.5, isolating dirty air outside your windows and allowing you to breathe fresh air at home. It features five major characteristics: filtration, water-repellency, breathability, clarity, and dust-proofing. Not only does it effectively filter pollutants, but it also offers a comfortable user experience. Choose this anti-smog screen mesh to provide multiple layers of protection for the health of you and your family, creating a clean and safe home environment.



USii 防霾PM2.5 高強級靜電紗網

把空污 擋在窗外!

為您擋下 96% PM2.5

30位 醫師推薦 2024 - 2025

30位醫師一致推薦

過濾96% PM2.5 防水性測試90分以上 遮風好 透視佳



USii 防霾PM2.5靜電紗窗網

5大亮點

- 濾淨** 擋下PM2.5高達96%
- 潑水性** 防止雨水噴濺窗內
- 透氣** 通風度優於同級防霾紗網 室內不悶熱
- 清晰** 清晰度優於同級防霾紗網 視野不受限
- 防塵** 減少室內落塵量清潔家事更省力

獨特網中網 360度吸附空汙微粒 維持良好透視度

高強靜電纖維 靜電強力瞬吸PM2.5

潑水塗層 SGS 檢測 防潑水性達90分以上

PM2.5 過敏原

網中網結構+靜電纖維

Our New Product

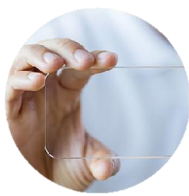
ViviOn™ Cyclic Block Copolymers (CBC)

The new high heat-resistant material ViviOn™0645, used to improve the heat resistance of metallized polypropylene film capacitors. With the development of wide band gap semiconductor materials, the heat resistance of traditional biaxially oriented polypropylene (BOPP) film capacitors has become difficult to meet technical requirements. Therefore, USI has launched a new type of high heat-resistant material “ViviOn™0645”. By adding a specific proportion of ViviOn™ 0645 to PP for film extrusion, or co-extruding with PP in a multi-layer structure, it can be observed that the dimensional stability of BOPP film capacitors is significantly improved in high temperature condition.

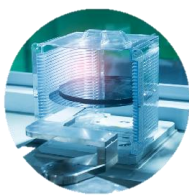
In the high-voltage drive circuit system of electric vehicles, film capacitors play a key role. At present, film capacitors have been widely used in mainstream electric vehicles, promoting the growth of demand for film capacitors in the electric vehicle market.



EV



Optical



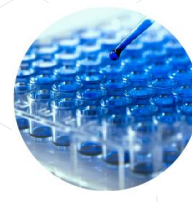
Electronics



Wearable
device



Medical



Bio-
diagnostic



UVC



PE/PP
package

Our New Product

Superior Sun-Shielding Coating

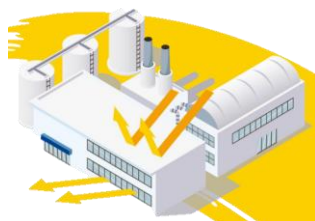


Less energy consumption and carbon footprint

- | Reducing solvents in paint
- | Less water spray for cooling
- | Reduce surface temperature
- | Lower VOC emission

Sun protection/anti-corrosion/weather resistant

- | Total solar reflection 90%
- | CX Anti-Corrosion: ISO 12944
- | Weather resistant: ASTM G154



Chemical storage tank



Tower/Pipeline



Coating Application

Multiple large-scale chemical storage tanks in Kaohsiung Linyuan Industrial Park and Yunlin Mailiao have been verified, blocking 90% of heat energy, effectively reducing the emission of volatile organic compounds by 20%.

FREVA - Fireproof Material



- | Fire Retardant Resin
- | Fireproof Composite Material
- | Fire Resistant Sheet



Fire Curtain



Lithium Battery Fire Protection



Flame Resistant Wall Covering



Flame Resistant PU Leather

Our New Product

ReXEVA

Shoe material EVA closed circulation technology

Reduce carbon footprint / Promote circular economic

- Nowadays, most of the midsoles are made from the cross-linking of EVA, which is typically discarded after use. To solve this issue, USIG has developed ReXEVA, a foam shoe midsole product that utilizes recycled materials, which patent application has been filed.
- ReXEVA is not only applicable for standardized foam process but also suitable for high pressure supercritical foaming molding process. This innovative approach allows for the creation of foam sandals with up to **100% recovery and reuse**.
- Currently, we are collaborating with international brand shoe manufacturers for verification. In the future, we will continue to partner with more brands to apply this technology, with the aim of contributing to the sustainable development of the industry.
- **Advantages of ReXEVA**
 - | Significantly reduce the carbon footprint of shoe products
 - | Reduce the shoe manufacturing wastes, promoting circular economic
 - | Elevate the sustainability of shoes

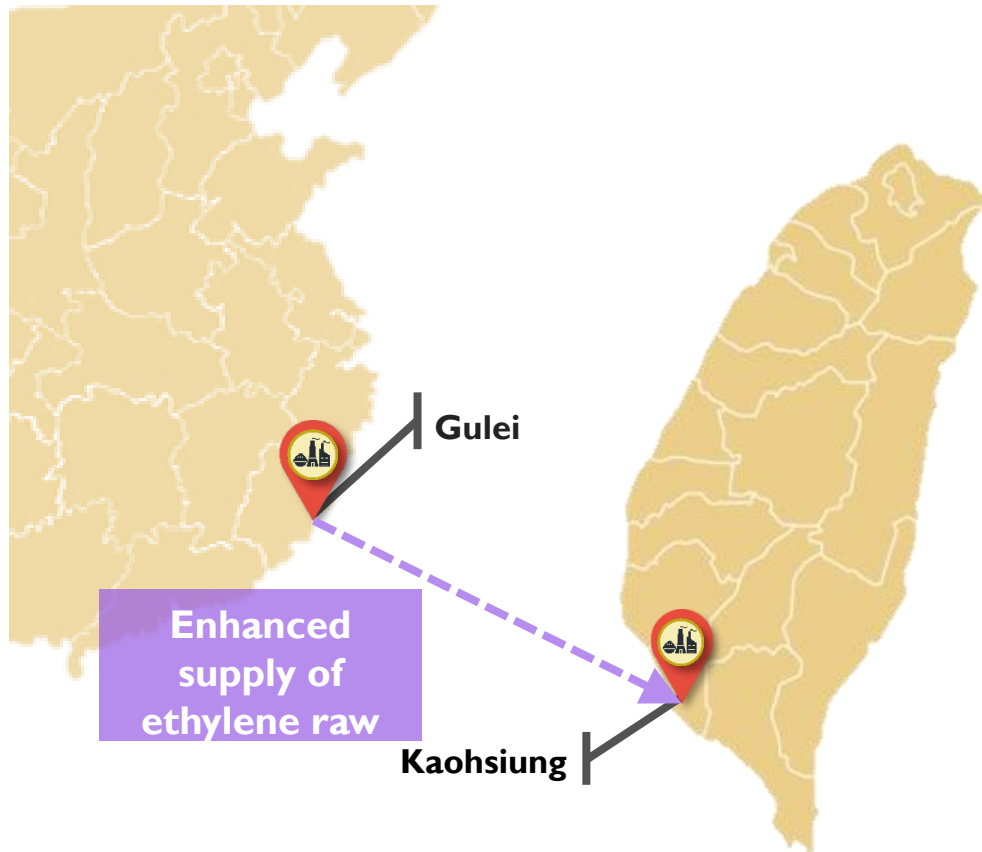
Circulating
regeneration
technology



USIG Major Investments

Gulei Refining & Petrochemical Project

- △ The largest petrochemical industry cooperation project between the Cross Straits – Gulei refining-chemical integration project has been completed and going into operation in August 2021. The processing for Ethylene and other main production equipment has been activated and Gulei Petrochemical in Fujian went into commercial operations in December 2021.



Panorama



Steam Cracker

USIG Major Investments

Gulei Refining & Petrochemical Project



Import
Naphtha / LPG



Ethylene cracking	1000 kT
Pyrolysis gasoline	550 kT
Aromatics extraction	350 kT
Butadiene extraction	130 kT



EVA	300 kT
EO/EG	100 / 700 kT
SM	600 kT
PP	350 kT
SBS	100 kT

Our Ongoing Investments

Kaohsiung Intercontinental Container Terminal (Phase 2)

2025/03



- △ Companies : USI / APC / TVCM / CGTD
- △ Total Investment : US \$169 Million
- △ Construction Period : 2017-2025
- △ Major Projects: Wharf S14, also as the storage and transportation bases with a total area coverage of approx. 12.6 hectares, including refrigeration, high-pressure, atmospheric storage tanks, auxiliary equipment, and public facilities
- △ Operation Mode: For transportation of ethylene via cargo vessels, tank cars and long-distance underground pipelines, etc., and the import and export of basic petrochemical raw materials

USIG CSR Vision



永續願景

Create and Cohere Sustainable Value
for a Sustainable Society

Core Strategies

R&D and
Innovation



Solid Operation



Social
Integration



Key Issues



Innovative
Products and
Process
Improvement



Circular
Economy



Management
and
Governance



Health, Safety
And
Environmental
Management



Climate Change
And
Energy
Management



Talent
Cultivation
And
Development



Social
Engagement

Honest and Reasonable Partners
(Employees and Supply Chains)

- Based on the vision to “**create and cohere sustainable value for a sustainable society,**” we hope to constantly create and cohere sustainable value to contribute to social sustainability.
- Our sustainable vision is developed into a 3 core strategies respectively known as “**R&D and Innovation**”, “**Solid Operation**” and “**Social Integration**” to create values with the stakeholders.
- We further develop 7 key issues for the content of the core strategies, and jointly establish the framework with the honest and reasonable partners who serve as the foundations.

Promoting Eco-Resins: Setting a Sustainability Benchmark

USI Group has launched a series of **low-carbon eco-friendly resin** materials with international certifications, fully aligning with the ESG sustainability trend and offering global major brands and processors a more efficient and environmentally friendly raw material option. USI implements the concept of source reduction, adopting a **"Pre-Consumer Recycled"** model to achieve the optimal balance between environmental protection and performance.

Compared to "Post-Consumer Recycled" raw materials, which require significant labor and often result in reduced product quality due to issues like waste contamination, odor, and heavy metal residue, USI's solution **provides a more stable and safer raw material source.** Their products feature pure color, no odor, no toxicity, and stable physical properties, overcoming the drawbacks of traditional recycled materials in terms of durability and processing efficiency. This makes the recycled products more suitable for long-life, high-quality application scenarios.

USI Group has mass-produced various low-carbon resins that meet ESG requirements, including:

- ESG EVA (Ethylene-Vinyl Acetate Copolymer)
- HDPE (High-Density Polyethylene)
- LDPE (Low-Density Polyethylene)
- ABS (Acrylonitrile Butadiene Styrene Copolymer)
- Low-carbon Stretch Film
- Low-carbon PVC Electrical Conduit and Sewage Pipes



TAIECOR™
Recycled Material

All products are certified with ISO 14021 Recycled Content validation, providing more suitable options for public construction projects and global brand owners on their path towards achieving sustainability goals.

USIG ESG Performance



USIG Goal Of Decarbonization: Reduced 27% carbon emission from 2017 levels by 2030 and achieve net-zero emissions by 2050.

Environmental



Carbon Footprint Verification

Follow through for years

USI / CGPC / TVCM

2022

APC/TTC / CGCP / ACME

2025

USIG



Carbon Footprint

2021

USI EVA

2022

CGPC PVC Powder, PVC Cover, TPE **CGPCP** PVC Powder

2023

TVCM VCM

2024

CGPC HCl, NaOH, Bleach, Water Supply Pipes



Energy conservation and decarbonization

- ✓ All factories in Taiwan have passed ISO 50001 energy management system verification.
- ✓ Factory in Taiwan reduced 14,421 tons of CO₂e in 2023.
- ✓ "Group Factory Technical Case Conference" is held every year to share resource in the corporation.

2024 Group Factory Technical Case Conference

With industrial safety and environmental protection, equipment pre-insurance, energy conservation and carbon reduction as the core themes



USIG ESG Performance



About 60% of the carbon emissions from USIG main factories come from purchased electricity, and green energy deployment is an important strategy.

Note: The calculation does not include CGTD, SPC Shulin and Renwu Factory, overseas factories, nor does it include Scope 3 (Category 3-6)

Environmental



Solar energy

- ✓ Solar energy capacity on the rooftop of factories is up to 2,623 kW (CGCP 1.88 MW, APC 496 kW, ACME 247 kW)
- ✓ External solar energy site development : Featuring 8.14 MW capacity by 2024 (Expected to reach 20MW by 2027)



Wind energy

- ✓ Form an alliance with petrochemical industry peers to negotiate power purchases with wind power developers. Use the model of collective procurement and unified contracting to increase the proportion of renewable energy use.



Geothermal Generation

- ✓ The site is located in Taitung and exploration operations are underway.

USIG ESG Performance



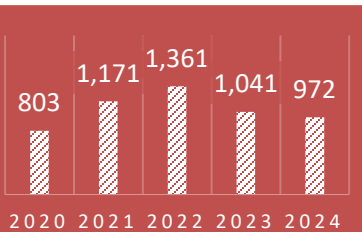
Integrates internal and external resources to invest in social welfare activities and implements "Love Our Hometown, Care Our Society"

Social

USI Education Foundation

It strengthens service energy and improves service efficiency by setting up scholarships and bursaries, donating to public welfare platforms, and sponsoring educational public welfare activities. In the past five years, the cumulative sponsorship has exceeded NT\$50 million.

Sponsorship expenditure
(Ten thousand NT)



2024 sponsorship

- 4 million Junyi School of Innovation
- 3.25 million Scholarships and grants
- 1 million The Alliance Cultural Foundation
- 1.47 million Other public welfare activities



Support the TFT(Teach for Taiwan)

Afforestation plan

On May 20, 2023, more than 120 people from the group company, led by General Manager Wu, went to the National Taiwan University Experimental Forest to plant native Taiwan red cypress seedlings.



Planting Taiwan's native red cypress. Carbon sink volume reaches 1,350 tons in 20 years



Ecological protection plan

Since 2017, CGPC has been cooperating with the marine environment policy of the Miaoli County Environmental Protection Bureau and proactively adopted 500 meters of Longfeng Fishing Port Beach in Zhunan Town.



2024 Beach Cleanup Campaign
Removed 974.2 kilograms of waste



Community building

CGCP has established a volunteer team in 2010 to encourage colleagues to use their spare time to participate in activities such as community environmental improvement, park maintenance, and street cleaning.



A total of 865 volunteers by 2024



USIG ESG Performance



We believe that integrity is the most valuable value of a company and promotes ESG to make the company's operations more stable.

Governance



The 10th TWSE Corporate Governance Evaluation (2023)

USI

CGPC

TTC

Top 6%~20% companies listed on TWSE

ACME

Top 6%~20% companies listed on OTC

TTC

Top 6%~10% of categories with market value between 5 billion and 10 billion NTD



The 17th Taiwan Corporate Sustainability Award TCSA (2024)

USI

APC

CGPC

Comprehensive performance category-
Top 100 Domestic companies Sustainability Model Award

TTC

Comprehensive performance category-
Corporate Sustainability Excellence Award

USI

APC

CGPC

Sustainability report- Platinum Award

TTC

ACME

Sustainability report- Golden Award



The 4th Taiwan Sustainable Action Award TSAA (2024)

CGPC

(Bronze) SDGS 8 : Improvement of efficiency of Steam Boiler at TVCM

USI

[i sports, sports enterprise certification]



USI, CGPC, APC, TTC

[2024 OSHA Top 10% Companies from the Proactive Evaluation of Public Disclosure of OHS Performance in CSR]



[The 3rd Net Zero Industry Competitiveness Award]

USI, APC: Merit Award

CGPC: Excellence Award



APC, TTC

[Achieved ISO 14021 Certification]



USI, CGPC

[B rating for CDP water security questionnaire 2024]



Our Business Philosophy

In a global and technological environment, USI Group has built itself upon a solid foundation of decades in the petrochemical industry and has expanded operations into the electronics and information industries. Not only did we diversify and expand USI Group's services, we have also effectively improved our management, efficiency and streamlining costs.

Our current operating strategy is converting the petrochemical base materials into higher value products, expanding the applications range of our products, and finding niche markets to create maximum profits for our shareholders, customers, and employees.

Unity Governance

Innovative Technology

Sustainable Development

Group Integration



Company Profile

Click each block below to link to the profile of each company



USI **USI Corporation**

APC **Asia Polymer Corporation**

TTC **Taita Chemical Company**

CGPC **China General Plastics Corporation**

TVCM **Taiwan VCM Corporation**

GGTC **Global Green Technology Corporation**

SPC **Swanson Plastics Corporation**

CGTD **China General Terminal & Distribution Corporation**

ACME **ACME Electronics Corporation**

USIO **USI Optronics Corporation**

USIGE **USI Green Energy Corporation**

CURE **Chem Union Renewable Energy Corporation**

DELmind **Delmind Inc.**



台灣聚合化學品股份有限公司 USI Corporation



Establishment	May, 26, 1965
Capital	US \$ 363 Millions (up to Dec. 31, 2024)
Main Product	EVA, LDPE, LLDPE, HDPE
Employees	441 (up to Mar. 31, 2025)
Revenue	【 Consolidated 】 US \$ 1556 Millions (2024)
	【 Individual 】 US \$ 268 Millions (2024)

By adding a specific proportion of ViviOn™ 0645 into PP and extruding the film, it can be observed that the dimensional stability of BOPP film capacitors in high temperature environments is significantly improved. We are also integrating green design concepts into the research and development of new products, such as green fireproof materials and environmentally friendly anti-corrosion and heat-insulating coatings. This aligns with our commitment to environmental protection, carbon reduction, and sustainability.



Obtained SGS Green Mark -
ISO 14021 Verification (Pre-consumer Recycled Material)

Capacity (year)

LDPE/EVA	150,000 ton
HDPE/LLDPE	130,000 ton
CBC	5,000 ton



LDPE/EVA



HDPE/LLDPE



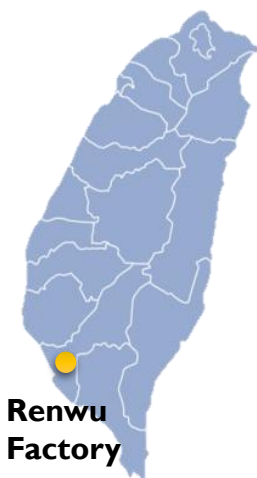
High-Temperature Film
Capacitors for Electric Vehicles



EVA / Solar Cell
Encapsulant

2024 TCSA

Taiwan Corporate Sustainability Award



Renwu
Factory



亞洲聚合股份有限公司 Asia Polymer Corporation



Establishment

Jan, 25, 1977

Capital

US \$ 180 Millions (up to Dec. 31, 2024)

Main Product

EVA, LDPE

Employees

234 (up to Mar. 31, 2025)

Revenue

【 Consolidated 】 US \$ 183 Millions (2024)

【 Individual 】 US \$ 177 Millions (2024)

The products continue to evolve towards high-value and high-end applications, including EVA product development such as lamination and high-end foaming. The company aims to retain R&D technology domestically while expanding into the Greater China market to enhance its global competitiveness.

EVA

Shoe sole foaming



LDPE



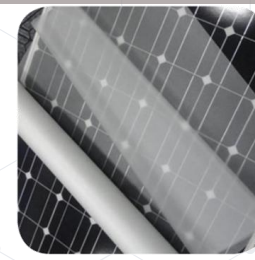
EVA

Laminating Film



EVA

Solar Cell Encapsulant



 **Obtained SGS Green Mark -
ISO 14021 Verification (Pre-consumer Recycled Material)**

Capacity (year)

LDPE/EVA

150,000 Ton



**Linyuan
Factory**

The “Gulei refining-chemical integration project” in Zhangzhou, Fujian, stabilized the supply of upstream raw materials. By vertically integrating steam cracking, petrochemical intermediates, and plastic products, the project will lower transportation costs and enhance the company’s competitive position. This strategic move positions the company as a leader in the EVA plastic industry.



台達化學工業股份有限公司 Taita Chemical Company



Establishment

Apr, 06, 1960

Capital

US \$ 122 Millions (up to Dec. 31, 2024)

Main Product

ABS/SAN, EPS, GPPS, Glass Wool

Employees

447 (up to Mar. 31, 2025)

Revenue

【 Consolidated 】 US \$ 567 Millions (2024)

【 Individual 】 US \$ 366 Millions (2024)



Obtained SGS Green Mark -
ISO 14021 Verification (Pre-consumer Recycled Material)



Zhongshan Factory



Linyuan Factory

Tianjin
Factory

(closed in 2019)

Group Headquarters

Toufen Factory

Gulei
Factory

(in progress)

Qianzhen Factory

Zhongshan
Factory

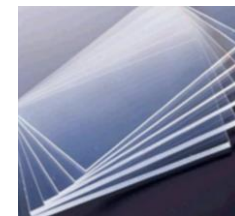
Linyuan Factory

Capacity (year)

ABS/SAN	120,000 ton
EPS	240,000 ton
GPPS	100,000 ton
Glass Wool	10,000 ton



EPS



GPPS



Glass Wool



Port Board



ABS

Encapsulated Insulation Glass Wool



- ✓ Fire Resistant
- ✓ Soundproof
- ✓ Heat Insulation
- ✓ Eco-Friendly



華夏海灣塑膠股份有限公司 China General Plastics Corporation



Establishment

Apr, 29, 1964

Capital

US \$ 177 Millions (up to Dec. 31, 2024)

Main Product

PVC Resin, PVC Compound, Alkali-chlorine, Construction Products, Film and Sheet Products, Leather Products

Employees

600 (up to Mar. 31, 2025)

Revenue

【Consolidated】US \$ 270 Millions (2024)

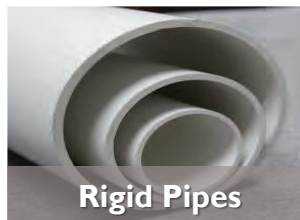
【Individual】US \$ 254 Millions (2024)



Cool Black Vinyl leather



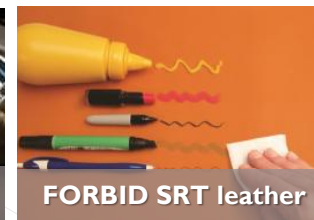
Foam Door



Rigid Pipes



PVC leather

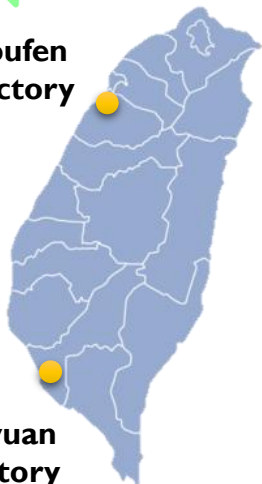


FORBID SRT leather



Applied for **SGS Green Mark -ISO 14021 Verification (Pre-consumer Recycled Material)**

Toufen
Factory



Linyuan
Factory

Capacity (year)

PVC resin, alkali-chlorine	518,675 ton
Construction materials	26,700 ton
PVC film/sheet	57,660 ton
PVC leather	8,600 k yard

*Include 230 thousand tons/year from CGPC and 220 thousand tons/year from CGPC Polymer Corporation (Linyuan Factory)





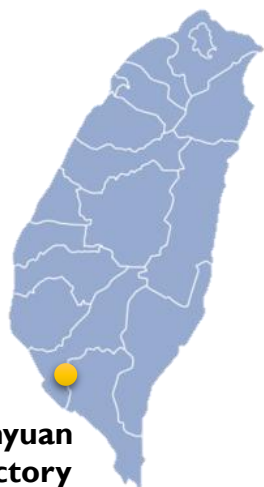
台灣氯乙烯工業股份有限公司

Taiwan VCM Corporation



Establishment	Jan. 21, 1970
Capital	US \$ 92 Millions (up to Dec. 31, 2024)
Main Product	VCM, 32% HCl
Employees	158 (up to Mar. 31, 2025)
Revenue	【Individual】US \$ 223 Millions (2024)

Taiwan VCM Corporation, is the first petrochemical company in Taiwan to adopt Ethylene Process to manufacture vinyl chloride monomer (VCM). It has successively set up Kaohsiung and Toufen plant with a production capacity of 40,000 tons and 60,000 tons respectively, and the total annual production capacity of the two plants was expanded to 180,000 tons. They were closed in 1992 and 1997 respectively, and then integrated into the current Linyuan Factory, and the annual production capacity was continuously increased to 485,000 tons.



Linyuan
Factory



Capacity (year)

VCM	485,000 ton
32% HCl	34,000 ton

- The VCM products are mainly supplied to CGPC, CGPCPOL and OPC the production of polyvinyl chloride (PVC), whereas some are for exporting.
- The hydrochloric acid products are supplied to the domestic market.



寰靖綠色科技股份有限公司



Global Green Technology Corporation

Establishment	Feb. 11, 2022
Total Capital	US \$ 5 Millions (up to Dec. 31, 2024)
Main Product	Soil and underground water pollution investigation & Remediation services

Global Green Technology Corporation, established for nearly 15 years, is the reinvestment of TVCM Corporation with 100% ownership. Focus on the development of local remediation technologies, including: self-domestication of in-situ special bacterial strains, development of compound preparations, high-resolution pollution investigation, etc., and planning of green and sustainable remediation methods to improve environmental pollution. In particular, the team has accumulated many successful cases in Taiwan regarding polychlorinated compound pollution, which is the most difficult problem to deal with in pollution remediation.



• Remediation technology and capacity in the coherent integration process, providing services covering the northern, central and southern industrial and terminal storage tank areas in the western half of Taiwan.

• Completed the remediation work for the sites of CPDC Qianzhen Plant and CGPC in April 2016 and February 2017, respectively. This is the first successful case to acquire declassification for large chlorinated factory sites in Taiwan. The successful remediation results of the Taoyuan large-scale petrochemical plant were also added in April 2023.



Linyuan R&D Building and Production Plant

Pollution investigation & Remediation services

- Site investigation and remediation design
- High-Resolution Site Characterization
- Molecular biological examination
- Water/ groundwater quality examination
- Biotechnology services and biologics production
- Long-acting, sustained release biomatrix
- Universal bio-nutrients
- Declared procedures for groundwater sampling
- Membrane Interface Probe System, set up well groundwater well inspection





寰靖綠色科技股份有限公司 Global Green Technology Corporation



Apply the **"Physical + Chemical + Biological Method"** to remediate, and completely solve the problem of groundwater pollution.



Pumping/physical treatment



Chemical oxidation treatment

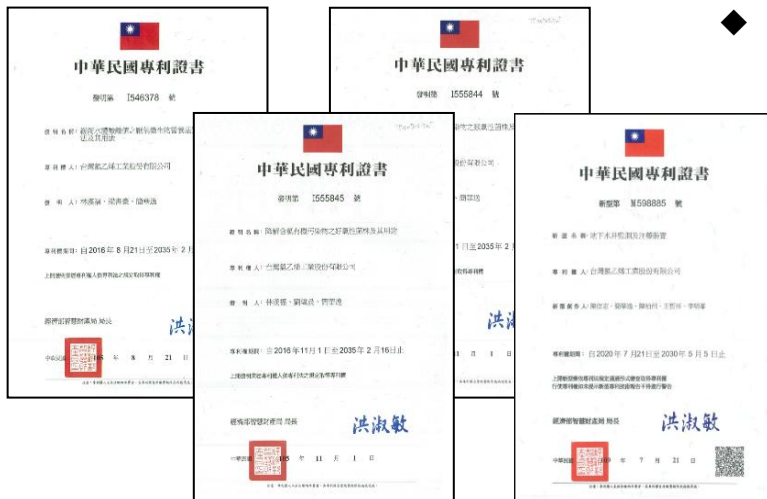


Enhanced biological treatment



Acquired Taiwan patent for strain, substrate, and wellhead

- ◆ The 14th Taiwan Corporate Sustainability Award TCSA -Growth Through Innovation Leadership Award
- ◆ Taiwan Sustainability Action Awards–SDG15 Terrestrial Ecology Silver Award



Green and Sustainable
Protection Award



寰靖綠色科技股份有限公司 Global Green Technology Corporation



Achievements of "Soil and Groundwater Pollution Remediation"

Type	Site	Pollutants	Status	Time
Remediate Site	CGPC (16.7 ha)	VCM	<u>De-classification from monitoring and inspection</u> Mar. 2017	Apr. 2015 ~ Dec. 2016
	A Metal Company in Changhua	TCE, DCE, VCM	Processing	Dec. 2016 ~ now
	A Gas Station in Kaohsiung	Benzene, Toluene, Ethylbenzene, Xylene, TPH, etc.	Processing	Mar. 2024 ~ now
Control Site	CPDC (16.8 ha)	VCM, EDC, TCE, PERC, etc.	<u>De-classification from monitoring and inspection</u> Apr. 2016	May 2010 ~ Oct. 2015
	A Plastic Company in Taoyuan (13.6 ha)	VCM	Simulation and related planning (chemical and biological method)	Sep. 2016 ~ Oct. 2017
			<u>De-classification from monitoring and inspection</u> Apr. 2023	Nov. 2017 ~ Jul. 2022
	Kaohsiung Refinery	Benzene, Toluene, Ethylbenzene, Xylene	Processing	Aug. 2024 ~ now



寰靖綠色科技股份有限公司 Global Green Technology Corporation



Achievements of "Soil and Groundwater Investigation"

Site	Project	Time
A Construction Company in Kaohsiung	TPH Pollution Investigation	Oct. 2019
Jing-O Industry Corp. in Tainan	Chlorinated Solvent MIP Investigation	Jan. 2023
Taiwan OOO Corp. in Kaohsiung	Chlorinated Solvent MIP Investigation	Sep. 2023
CTCI, CPC DaO Refinery	Tank Environment Monitoring	Jun. 2023 – Dec. 2025
A Storage and Transport Company in Kaohsiung	Tank MIP Investigation	Jul. 2024
A Corp. in Miaoli	Soil Heavy Metal & TPH Pollution Investigation	Jul. 2024
A Corp. in Kaohsiung	Groundwater Contamination Support Investigation	Jul. 2024

Achievements of "Odor Control"

Site	Pollutants	Treatment	Team Consultant and Implementation Time
CGPC (Rubber Plant)	Odors of MEK and Plasticizer	Biotrickling and Filtration (Tests in Pilot Plant and Arrangement for Scaling Up)	Prof. Ming-Shean Chou and Prof. Ken-Lin Chang of NSYSU Jan. 2018 – Jan. 2019
A Construction Company in Kaohsiung	Odors from Diesel and the Extraction of Soil Polluted by Lubricating Oil	Ground Improvement, Chemical Spraying, and Odor Suppression	Oct. – Dec. 2019

Achievements of "Well Maintenance and Abandonment"

Site	Treatment	Implementation Time
Maintenance and upkeep of monitoring wells located in Tainan	GE GA ENGINEERS & CONSULTANTS CO., LTD.	Jan. 2024 – Jun. 2024
Tainan Well Abandonment Project	Standard Chem & Pharm CO., LTD.	Jan. 2024



寰靖綠色科技股份有限公司 Global Green Technology Corporation



Achievements of "Storage Tank Monitoring"

Site	Investigate reasons	Implementation Time
TTC	New water pollution control act	Mar. 2022
TASCO	New water pollution control act	Mar. 2022
APC	New water pollution control act	Apr. 2022
YFY, Shin Foong Specialty and Applied Materials	New water pollution control act	Jul. 2022
CGTD, Kaohsiung Intercontinental Container Terminal Corp.	New water pollution control act	Jul. 2023
CCPG, Lushun Warehouse Co., Ltd. Kaohsiung Intercontinental Container Terminal Corp.	New water pollution control act	Aug. 2023
Kaohsiung Chang Gung Memorial Hospital Tank Gas Monitoring Well	New water pollution control act	Mar. 2024
Kaohsiung Renwu Incineration Plant Soil Gas Monitoring Well	New water pollution control act	May. 2024
Kaohsiung Intercontinental Terminal Liberty Company Groundwater Monitoring Well	New water pollution control act	Jul. 2024
Pingtung Agricultural Technology Park On-site Groundwater Monitoring Well	Groundwater Environment Monitoring	Jul. 2024
Tainan Environmental Protection Bureau 2024 Soil and Groundwater Supervision and Verification Project	Verification Well Installation	Aug. 2024



順昶塑膠股份有限公司 Swanson Plastics Corporation



Establishment	Jul. 03, 1986
Capital	US \$ 47 Millions (up to Dec. 31, 2024)
Employees	754 (up to Mar. 31, 2025)
Revenue	【 Individual 】 US \$ 28 Millions (2024)



Solar power generation system on the rooftop of Renwu plant : 500kwp



Packaging
Materials

Stretch Film, Heavy-Duty & FFS, Protect Film, Lamination Film, Shrink Film, Skin Film, Silage Film



Food Packaging
Material

PE Lamination Film, USii Zipper Bag



Other Functional
material

Embossed Film, EVA encapsulant film for PV modules, Release Film, Master batch, USii Breathable Rain Poncho



Stretch
film



Embossed
film



Food
Packaging
Material



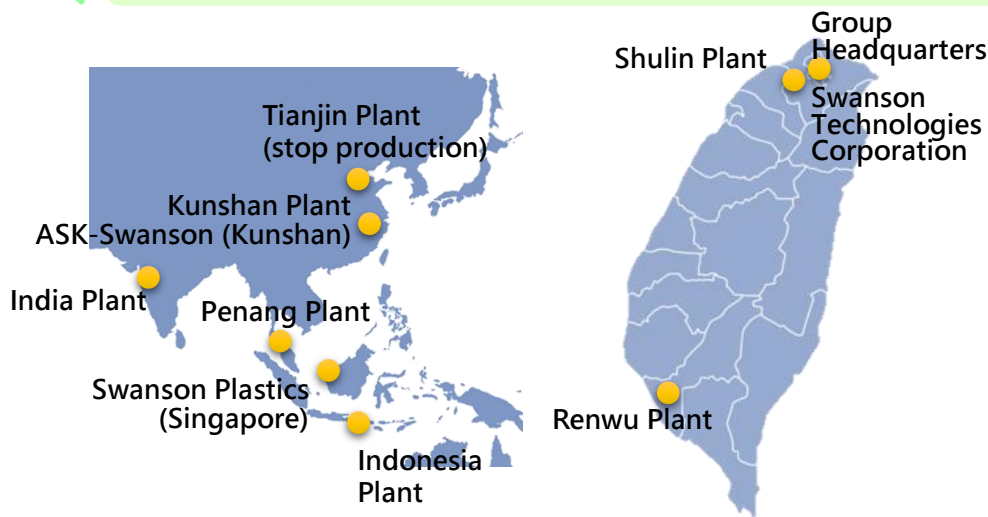
Smart UVC
Sterilizing
Water Bottle



Breathable
Rain Poncho



Applied for SGS Green Mark -
ISO 14021 Verification (Pre-consumer Recycled Material)





華運倉儲實業股份有限公司



China General Terminal & Distribution Corporation

Establishment	Feb. 25, 1989
Capital	US \$ 23 Millions (up to Dec. 31, 2024)
Main Product	Warehousing and transportation of petrochemical raw materials
Employees	51 (up to Mar. 31, 2025)
Revenue	【Individual】US \$ 11 Millions (2024)



S14 Dedicated Terminal



High-Pressure Storage Tank



Atmospheric Storage Tank



Road Tanker



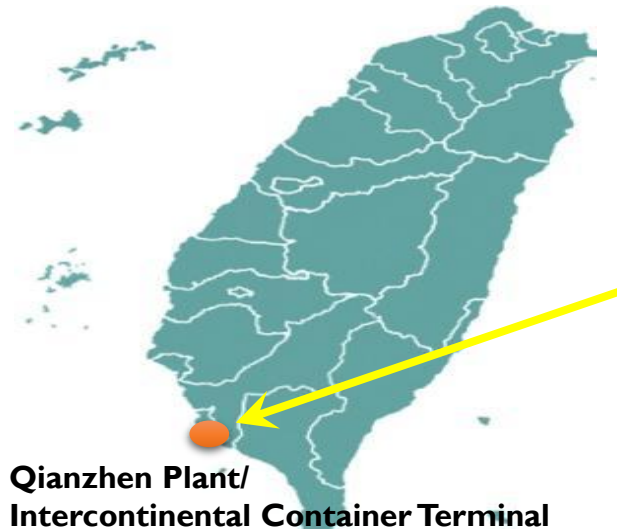
Equipment :

- Dedicated/ public terminal
- Refrigerated / high-pressure/ atmospheric storage tank
- Ethylene truck
- Long distance pipeline



Qianzhen Plant

Intercontinental Container Terminal



Qianzhen Plant/
Intercontinental Container Terminal



越峯電子材料股份有限公司

ACME Electronics Corporation



Establishment	Sep. 05, 1991
Capital	US \$ 64 Millions (up to Dec. 31, 2024)
Main Product	Mn-Zn, Ni-Zn Ferrite Cores, SiC Powder
Employees	1,736 (up to Mar. 31, 2025)
Revenue	【 Consolidated 】 US \$ 95 Millions (2024) 【 Individual 】 US \$ 49 Millions (2024)



Mn-Zn & Ni-Zn soft ferrite capacity (month)

Sintering	1,350 ton
Powder	1,450 ton



SiC Powder



SiC Sintered Bulk



Taoyuan Factory



Malaysia Factory



Kunshan Factory



Guangzhou Factory



台聚光電股份有限公司 USI Optronics Corporation



Establishment

Oct. 07, 2010 (Spun off from Sapphire division of ACME)

Capital

US \$ 20 Millions (up to Dec. 31, 2025)

Main Products

high purity, semi-insulating silicon carbide

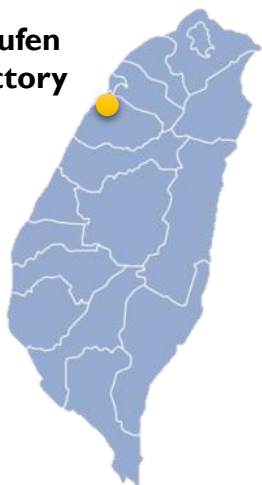
Employees

11 (up to Mar. 31, 2025)

high purity, semi-insulating silicon carbide



Toufen Factory



Supply high purity, semi-insulating silicon carbide crystal raw materials with purity of 6N ($\geq 99.9999\%$), nitrogen content less than 1 ppm. Semi-insulating silicon carbide crystal is the ideal material for high-frequency and high-power microwave devices, used in wireless base stations and 5G communication.





宣聚股份有限公司

USI Green Energy Corporation

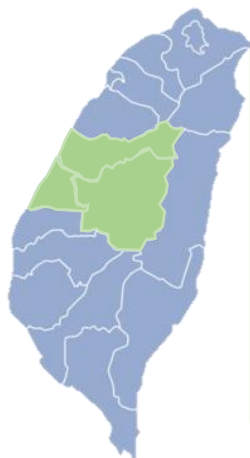


Establishment	May 04, 2020
Capital	US \$ 11 Millions (up to Dec. 31, 2024)
Renewable Energy Installed Capacity	8.14 MW solar PV (up to Nov. 30, 2024)

Since July 2021, USI green energy corporation has actively invested in renewable energy, trying to reduce the impact of climate change. In recent years, we have developed agroecological symbiosis, cooperated with local mushroom farmers, developed refined agriculture. Elevate the value of the farmland and the power station simultaneously.



Up to November 2024, USI green energy corporation invested eight rooftop PV power stations (about 8.14 MW) in central Taiwan. The solar PV power generation is 10.175 million kWh per year. The corresponding carbon reduction can reach approximately 99,000 metric tons CO₂.





化盟再生能源股份有限公司

Chem Union Renewable Energy Corporation

Establishment

Apr. 13, 2023

Capital

US \$ 0.92 Millions (up to Dec. 31, 2024)

Shareholder Structure

CCP, CHIMEI, USIG each accounted for one-third

Operation

On behalf of the three shareholders, the alliance is responsible for collective procurement, consortium purchasing for renewable energy

Initial Capacity

200 MW Offshore wind farms

In response to the global net-zero carbon emissions trend, CCP, CHIMEI and USIG formed a joint venture, "Chem Union Renewable Energy Corporation", by integrating the green power demand of enterprises, increasing the opportunity to obtain green power, integrating upstream and downstream partners in the petrochemical industry, boosting the use of renewable energy, upgrading industry and performing energy transformation for Taiwan's petrochemical industry, reducing dependence on traditional fossil fuels, reducing carbon emissions, and achieving sustainable development.



CURE symbolizes the "petrochemical alliance", solving the difficulties of Taiwan's renewable energy acquisition. The company adopts consortium purchasing for renewable energy. The initial procurement target is 200MW offshore wind power and is expected to purchase and sell 600 million ~ 750 million kWh / year in the future.





達慧互聯股份有限公司

DELmind Inc.

Establishment

2022/5/2

Capital

US \$ 9 Millions (up to Dec. 1, 2024)

Shareholder Structure

Delta Electronics: USIG=70:30



PdM AI



Quality AI



Green AI



Safety AI

In 2022, at the USI Kaohsiung Plant, a data integration platform was implemented to consolidate data from 2,000 key points on the production line. The sampling time was reduced from 5 seconds to 1 second, and equipment vibration data was shortened from 2 hours to 1 second. Through a unified API interface, data analysis and AI applications were conducted, significantly optimizing data quality.

In addition, DELmind Inc. assists the factory in implementing the PdM model to determine equipment operation status and detect bearing wear levels (as shown in the right figure). Equipment maintenance management and on-site personnel can access equipment lifecycle status to prevent losses and occupational accidents caused by unforeseen shutdowns.

USIG, in line with energy conservation, carbon reduction, and sustainable development trends, jointly established DELmind Inc. with Delta Electronics, Inc. to assist the petrochemical and continuous process industries in digital transformation.

DELmind Inc. offers diverse data integration and open data management designs to help managers comprehensively understand system status. Additionally, it provides various intelligent AI modules. The PdM AI can detect equipment status for predictive maintenance, Quality AI utilizes visual technology to identify product defects and ensure quality, Green AI makes equipment energy data transparent, and Safety AI enhances equipment safety and reduces the probability of occupational incidents.





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