

We are using recycled paper.

# PREFACE

Imminent, formidable, and destructive are some adjectives to describe the impacts of global warming on Earth. Nature will ultimately strike back as storm systems, torrential rains, and unprecedented levels of heat claim thousands of casualties across the globe. While the world mourns the deceased, environmentalists and like-minded advocates will call for governments and corporations to take ESG actions to keep our planet green, carbon-free, and sustainable.

At the Earth Day Summit in 2021, participating countries reiterated their commitment to net-zero carbon emissions, which galvanized the private sectors to follow suit. Apple has pledged to realize carbon neutrality by 2030 while TSMC requests that its suppliers comply with ESG criteria. The same commitments have also been voiced by the manufacturing and service industries. Some European department stores have already replaced their shuttle buses with electrified fleets.

As a stakeholder in the global green revolution, Taiwan is not only dedicated to producing green products, it also strives to make green management possible through innovative mindsets and technological R&D. The Bureau of Foreign Trade (BOFT), with assistance from the Taiwan External Trade Development Council (TAITRA), has established platforms for dialogues, provided consultancy and assessment services, and most importantly, helped Taiwanese companies connect with the rest of the world concerning green business opportunities.

The Taiwan Cleantech Landscape presents all the achievements Taiwanese companies have reached in the areas of “Built Environment,” “Retrofits” and “Micro-grids.” This publication aims to demonstrate to the world that Taiwan can and will be a responsible stakeholder in the face of climate change.

# TABLE OF CONTENTS

Retrofit ..... 4

Built environment ..... 19

Microgrid ..... 29

# AVATAACK CO., LTD.

四維創新材料股份有限公司

eco.avataackco.com

## R-PET tape

Adhesive tape made from 100% recycled polyester film combined with environmentally-friendly emulsion adhesive.

Certification: GRS

# BIG HOME INTERNATIONAL CO., LTD.

勇展國際有限公司

recliner.com.tw

## rPVB Chair leather manufacturer

Functional chair products with rPVB.

Certification: SGS, UL, GS



## CCILU INTERNATIONAL INC.

馳綠國際股份有限公司

ccilu.com

### XpreSole® footwear made from spent coffee grounds

XpreSole® is a formula that mixes and melts spent coffee grounds into a special compound ideal for every component of shoes. It's dirt proof, water repellent, odor control, ultralight.



Certification: GRS, RCS, PIDC

## CHIAO FU MATERIAL TECHNOLOGY CO., LTD.

喬福材料科技股份有限公司

cfmt.com.tw

### Biodegradable agricultural film

Biodegradable agricultural film made from waste wheat dregs produced after making beer. It breaks down rapidly at a predetermined exposure to the natural environment, and degrades after ploughed in.



Certification: BPI, DIN CERTCO, JBPA, GREEN PLA

## CHIEN FA PAPER PIPE CO., LTD.

千發紙管有限公司

[chienfa.tw/en/](http://chienfa.tw/en/)

### Eco paper straws

Straws made from paper that are natural and degradable. Each product without plastic coating.

Certification: ISO 9001, ISO 14001, ISO 22000



## ECOMAX TEXTILE CO., LTD.

富勝紡織股份有限公司

[ecomaxtex.com](http://ecomaxtex.com)

### Eco fabrics PETSPUN® & e-Reco®

Eco fabrics made from recycled drink PET bottles, PVB and other materials. It can be made into products such as bags, clothes, and furniture.

Certification: ISO 9001:2015, GRS



## ENRESTEC INC.

環拓科技股份有限公司

enrestec.com.tw

### Waste tires solution

Offering a total solution for waste tires, starting from used tire collection, shredding, pyrolysis to recycled products. Valuable new products include: pyrolysis oil, carbon black and steel wire.

Certification: C2C, LCA



## FAR EASTERN NEW CENTURY CORPORATION

遠東新世紀股份有限公司

fenc.com

### Recycled PET Filament

TOPGREEN® Recycled PET Filament is an eco-friendly product made from 100% recycled post-consumer PET bottles.

Certification: GRS, SCS, Taiwan EPA Green Mark, OEKO-TEX





## FORMOSA FLEXIBLE PACKAGING CORP.

大全彩藝工業股份有限公司

[formosapackaging.com.tw](http://formosapackaging.com.tw)

### Biodegradable packaging

LÜ® biodegradable and compostable packaging material can be naturally decomposed in soil or converted into fertilizer. If incinerated, no harmful gases will be produced.

Certification: BPI, DIN CERTCO, ISO 9001, ISO 22000, HACCP, FSSC 22000

## HONMYUE ENTERPRISE CO., LTD.

弘裕企業股份有限公司

[fabric.textile-hy.com.tw](http://fabric.textile-hy.com.tw)

### Eco-friendly fabric

A wide range of product lines including 100% recycled nylon, recycled polyester, solution dyed fabrics, PFC-free DWR fabric and so forth that can be used in apparel, home & contract, soft equipment fabric and medical textile.

Award: ISPO

Certification: BLUESIGN, GRS, ISO 9001, GMP



## HSIEN CHI TEXTILE INDUSTRY CO., LTD.

獻麒紡織工業股份有限公司

[hsienchi.com.tw](http://hsienchi.com.tw)

### Eco-friendly textile dyeing service

Using non-toxic dyes and biodegradable additives to color textiles.

Certification: BLUESIGN, OEKO-TEX, ISO 50001, ISO 9001, ISO 14064-1

## JU TIAN CLEANTECH CO., LTD

鉅田潔淨技術股份有限公司

[plastic-free.com.tw/index\\_en.html](http://plastic-free.com.tw/index_en.html)

### Plant fiber cutlery/straw/stirrer/cup lids

Decomposable cutlery, straws, stirrers, and cup lids. Products made from agricultural waste such as coffee ground, tea residue, rice husk, sugarcane, and plant fiber.



Award: Concours Lépine Invention Award, Taiwan Excellence

Certification: Taiwan Green Mark, BPI, FDA, DIN CERTCO, PIDC

## **K&D GLOBAL CO., LTD.**

凱迪紡織科技有限公司

[yungho.en.taiwantrade.com](http://yungho.en.taiwantrade.com)

### **Fabric manufacturer using rPVB**

High value-added fabrics including outdoor umbrella fabric, bed cloth, cushion fabric etc. with rPVB materials.

Certification: ISO 9001

## **KWONG LUNG ENTERPRISE CO., LTD.**

光隆實業股份有限公司

[klf-group.com](http://klf-group.com)

### **Recycled down sport goods**

Functional outdoor/sports garment and home textiles made from recycled fiber.

Certification: OEKO-TEX Standard 100, Bluesign

## MINIWIZ CO., LTD.

小智研發股份有限公司

[miniwiz.com](http://miniwiz.com)

### Waste upcycling solution

Offers customized upcycling and technologies to transform industrial and household waste into sustainable building materials, building modules, specialty fabrics, designer furniture and fixtures.



Award: 2019 IDEAT Vision Award, 2015 WEF Tech Pioneer, 2013 IDEA GOLD Award, 2011 Wall Street Journal Asian Innovation Award, 2010 Earth Award.

## PLANT FIBER INTERNATIONAL INC.

植恩國際股份有限公司

[yollyware.com/en/](http://yollyware.com/en/)

### Bamboo fiber tableware

Tableware made from 100% natural bamboo fiber, plastic-free, biodegradable, combustible, and temperature resistant.

Certification: BPI, ABA SEEDLING, SEEDLING, DIN-Geprüft, SGS, JFRL, FDA, LFGB

Award: Red Dot Award: Product Design 2019

## RENATURE GLOBAL CO., LTD.

世農新材料股份有限公司

renature-global.com

### **Biomadecon® - Biodegradable polymer**

Biomadecon® is a biodegradable polymer that is made from bamboo and can be made into various bio-products such as tableware, bag, straw, cosmetic, pack, etc.

Certification: TÜV, SGS, FDA, DIN Geprüft

## RI-THAI INTERNATIONAL INC.

力泰國際股份有限公司

rithai.com

### **MonoGreen™ (rPET Yarn)**

Monofilaments made from eco-friendly materials rPET, bio-based, Thermoplastic Elastomer Monofilament, Bi-Component Monofilament, biodegradable.

Certification: GRS, ISO 9001:2015, OEKO-TEX



## SINGTEX INDUSTRIAL CO., LTD.

興采實業股份有限公司

singtex.com

### S.Café® Yarn

Waste coffee grounds incorporated into the yarn helps absorb odor molecules and refract UV rays.



Certification: OEKO-TEK, Bluesign, natific CAP, GRS, C2C, USDA Bio-based product, TÜV

## SOLAR APPLIED MATERIALS TECHNOLOGY CORP.

光洋應用材料科技股份有限公司

solartech.com.tw

### Specialized in gold recovery

Retrieving gold from electronic waste by eco-friendly gold stripping solution. The solution doesn't use cyanide, making it environmentally friendly while at the same time achieving purity as high as 99%.

Certification: ISO 9001:2015, ISO 45001:2018

# SYNCMEN ENTERPRISE CORP.

新科企業有限公司  
syncmenbag.com

## Custom printed RPET recycled shopping bags

Eco-Friendly reusable bags are made from 100% recycled PET bottles. Product line range from sports bag, shopping bag, tote bag, clutch bag and etc.



# SUN ROAD SAFETY TECH. CO., LTD.

泰陽道安科技股份有限公司  
rubbers.com.tw/eng

## Road safety and industrial rubber products with recycled rubber

Rubber tiles, parking bumpers, corner guards, formworks of traffic islands and pavements from recycled rubber.



## **TAIR CHU ENTERPRISE CO., LTD.**

苔曙企業股份有限公司

tairchu.com.tw

### **Eco-friendly tableware**

A variety of tableware made from biodegradable materials such as corn starch, sugarcane, paper and CPLA/PLA.

## **TAIWAN MATERIAL DEVELOPMENT CO., LTD.**

台灣開發資材股份有限公司

twmd.com.tw

### **Green material development**

AH lightweight insulation block, the raw material is made from recycled LED glass, it is safe, non-toxic, damp proof, fireproof, soundproof and heat insulation.

Certification: TÜV building product



## TAIWAN PLANTS FIBER TECH ALLIANCE CO., LTD.

台灣先盟股份有限公司

pfta-bloc.com

### Sugar cane fiber straw

Straws made from sugarcane fiber that are decomposable.

Award: 2017 Malaysia ITEX, 2017 Concours Lepine

Certification: SGS, ISO 9002:2002, CIC CNAS, BPI, DIN CERTCO, JBPA, PIDC



## TAIWAN SUGAR CORPORATION

台灣糖業公司

taisugar.com.tw

### Biomass renewable energy certificates (REC) supplier

Using swine waste to generate biogas energy, Taiwan Sugar Corporation (TSC) now has two pig farms with Renewable Energy Certificates (REC) approval and is the first and only domestic biomass REC supplier.

## TGRT SERVICE CO., LTD.

大乃綠循環科技股份有限公司

tgrtservice.com

### Agricultural/Industrial waste disposal solutions

Provides trigeneration (electricity \ refrigeration \ heat) solution for agricultural / industrial waste disposal , through Pyrolysis technology and micro turbine generator.



Award: 2017 Malaysia ITEX, 2017 Concours Lepine

Certification: SGS

## UHT UNITECH CO., LTD.

永虹先進材料股份有限公司

uht.com.tw

### Microwave recycle solution

The mobile container system recycles carbon fiber and the recycled carbon fiber can be used in automobile parts.

Award: 2014 JEC ASIA, 2018 JEC ASIA

Certification: AS 9100, ISO 9001, SGS



## **UNIVERSE CIRCULAR TECHNOLOGY CO., LTD.**

宇陽能源科技股份有限公司

uct.com.tw

### **Biogas Fermentation Generator**

Generating biogas power from hog manure through anaerobic fermentation technology. The residue from hog manure will be handled via earthworm and microbial technology to make organic fertilizer and reused.

Award: 2017 APEC YES Challenge 2nd Place

## **UWIN NANOTECH CO., LTD.**

優勝奈米科技股份有限公司

uwin-nano.com

### **Eco-friendly Metal Recovery System**

Using eco-friendly metal strippers to recycle gold, silver, palladium, and other precious metals from IC chips, CPU, and e-wastes. UWIN NANOTECH is also the founder of Green Electronics Resources Alliance (GERA) in Taiwan.

Certification: ISO 14001:2015, QMS 010, TAF

## **AM-POWER MACHINE INTERNATIONAL ENTERPRISE CO., LTD.**

安葆國際實業股份有限公司

[ampower.com.tw](http://ampower.com.tw)

### **CHP (Combined heat and power)**

The agenerator by 2G's improving combustion chamber geometry increases the efficiency of the agenerator significantly. Also, AMPOWER offers standard or customized power system solutions based on customers' demand.

Certification: ISO 9001:2015, ISO 45001:2018, OHSAS

## **ASIA HYDROGEN ENERGY CORP.**

亞氫動力股份有限公司

[ah2e.com](http://ah2e.com)

### **Combined Heat & Power (CHP) and biomass provider**

Provide power generation systems: fuel-cell, biogas, & biomass, hydrogen solutions: hydrogen storage solution, fuel cell hydrogen refueling stations, off-grid fuel cell power generation, power to gas / power to fuel energy conversion.

## CHANG WONG INDUSTRIAL CO., LTD.

昌旺實業股份有限公司

changwongltd.com

### rPVB Foam mats

Foam mats made by rPVB and applied in shoe manufacturing, gym goods, semiconductors and ICT.



## EVP R-ONE TAIWAN CO., LTD.

台灣新能動力股份有限公司

evptechnology.com

### Convert plastic waste into regenerative oil

Fuel made from recycled plastic waste.

## **GREEN MATERIAL CORPORATION**

燦環科技有限公司

[greenmaterial.com/](http://greenmaterial.com/)

### **Equipment design, system design and waste materials recycling**

Helps customers handle and recycle various kinds of waste materials and turn them into high quality recycled products; Recycles waste and makes them into fiber to be used as green building material.

## **HAO-YANG ENVIRONMENT SCIENCE LTD.**

皓揚環境科技有限公司

[itrash.com.tw](http://itrash.com.tw)

### **iTrash smart city garbage & recycle integration system**

24-hours self-service system to enhance convenience. It reduces the amount of garbage, immediate money feedback (refund) and minimize garbage disposal costs.

## **H PLUS R ENVIRONMENTAL ENGINEERING CO., LTD.**

健鑫環境工程股份有限公司

[hplusr.com.tw](http://hplusr.com.tw)

### **Design and management of environmental protection solutions**

Design, manufacturing and construction of water purification systems, sewage and industrial water treatment plants and air-pollution control equipment.

## **HUI MIN ENVIRONMENTAL TECH CORP.**

惠民實業股份有限公司

[huimin.com.tw](http://huimin.com.tw)

### **Environmental engineering construction**

Engaged in professional environmental protection business and providing industries with environmental engineering and related professional and technical services.



## NEW FACE ENVIRONMENTAL DEVELOPMENT CO., LTD.

新國環境開發股份有限公司

[nface.com.tw](http://nface.com.tw)

### Medical waste incinerator

It incinerates infectious waste and hazardous waste generated by hospitals or clinics. Due to its rotary kiln design with complete pollution prevention equipment, it can meet environmental protection regulations.

## RECOTEC R-PVB CORPORATION

綠德創研股份有限公司

[recotec.biz](http://recotec.biz)

### recycled PVB (rPVB)

Renewable PVB materials manufacturer vertically integrated with different application fields including lamination backing, membrane coating, tarpaulin, and artificial leather.

Certification: GRS



## **SINOTECH ENVIRONMENTAL TECHNOLOGY, LTD.**

業興環境科技股份有限公司

setl.com.tw

### **Site assessment, soil and groundwater investigation**

Environmental site assessment (ESA phase I and phase II), geology and hydro-geological survey, feasibility and pilot study for contaminated site remediation.

## **SOLAR APPLIED MATERIALS TECHNOLOGY CORP.**

光洋應用材料科技股份有限公司

solartech.com.tw

### **Precious and rare metal refinement**

To dilute waste material and recover precious and rare metals.

## **SPRING POOL GLASS INDUSTRIAL CO., LTD.**

春池玻璃實業有限公司

springpoolglass.com

### **Glass stone is durable and elegant for walls and floors**

Glass recycling service and system, Green Building Material  
Manufacture, Glass Art.

Award: OTOP Enterprise Award, Dun Brad's Outstanding Award,  
US Corning Environmental Award, EPA Innovation Award, EPA  
Carbon Footprint Certificate

## **SUNNY FRIEND ENVIRONMENTAL TECHNOLOGY CO., LTD.**

日友環保科技股份有限公司

sunnyfriend.com.tw

### **First professional bio-medical waste incineration plant in Taiwan**

It designs, plans and constructs incineration plants and landfills  
that removes and disposes of biomedical and hazardous waste.

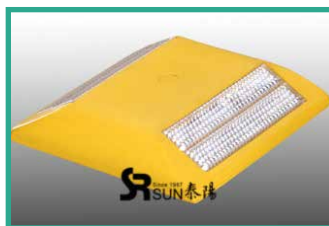
## SUN ROAD SAFETY TECH. CO., LTD.

泰陽道安科技股份有限公司

rubbers.com.tw

### Road safety and industrial rubber products with recycled rubber

Rubber tiles, parking bumpers, corner guards, formworks of traffic islands and pavements from recycled rubber.



## TAI HO ENVIRONMENTAL ENTERPRISES CO., LTD.

太和環境企業股份有限公司

dewater.com.tw

### Environmental treatment and design

Design, engineering and construction of wastewater treatment plants, waste-gas treatment projects, sludge dewatering, sludge drying, small and medium-sized incinerators, etc.



## **TOP COLOUR FILM LTD.**

東鏘工業股份有限公司

[topcolour.com.tw](http://topcolour.com.tw)

### **TOPCOOL FILM**

Multi-layer coated window film provides extraordinary heat rejection with crystal-clear transparency. High infrared (IR) rejection, over 90%, and UV rejection at 99.9%.

## **TRUE TEN INDUSTRIAL CO., LTD.**

主典興業股份有限公司

[greenpower-yk.com](http://greenpower-yk.com)

### **Environmental protection and green energy systems**

It provides several types including hydroelectric generators (circulation and spiral multi-layer type), mobile hydropower electric generating and water pumping device, drainage conveyor type power generation device.

Certification: ISO 9001, ISO 9002

## **ZIH MAO ENTERPRISE CO., LTD.**

至茂企業股份有限公司

zihmao.com

### **Nano starch manufacturing**

Development and application of starch-based/bio-based water repellent, oil-repellent and flocculant.

## **ABLEREX ELECTRONICS CO., LTD.**

盈正豫順電子股份有限公司

[ablerex.com.tw](http://ablerex.com.tw)

### **Uninterruptible power systems (UPS)**

UPS, Active Harmonics Filters, PV Inverters, Wireless Battery Monitoring, Power Monitoring and Power Management Systems.

Certification: ISO 9001, ISO 14001, TCL, CE, UL, CB, VDE

## **ACBEL POLYTECH INC.**

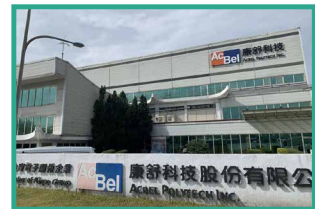
康舒科技股份有限公司

[acbel.com](http://acbel.com)

### **Power management solutions**

Power management solutions of different fields including industrial, IT, telecom, 5G, consumer products, lighting, electronic medical facilities, EV and energy. Providing products and services that improve energy efficiency and reduce potential harm to the environment.

Certification: ISO 9001, IATF 16949



## **ADX CORPORATION**

歐華科技有限公司

adx.tw

### **Power quality monitoring systems**

Various products focused on monitoring power quality: power grid stability monitoring system, power quality monitoring/recording.

## **ALLIS ELECTRIC CO., LTD.**

亞力電機股份有限公司

allis.com.tw

### **Power systems engineering and smart grid**

Various types of UPS; switching mode rectifier; switchgear; transformer; battery charger.

Certification: ISO 45001, ISO 14064-1

## **AMITA TECHNOLOGIES INC.**

有量科技股份有限公司

amitatech.com

### **Lithium battery solutions**

Applications include electric transport, storage & UPS, power tools and large-scale Energy Storage System (ESS) for renewable energy.

Certification: ISO 9001, RD 100

## **APH EPOWER CO., LTD.**

亞福儲能股份有限公司

aph-epower.com

### **Aluminum-ion battery**

The aluminum-ion battery manufacturing process generates a small amount of waste metal, plastic and other wastes, and improves the storage safety.

Certification: ISO 9001



## **APLUS ENERGY CO., LTD.**

愛能有限公司

[apluspvt.com](http://apluspvt.com)

### **BIPV-building and steel roof PV**

Solar module, steel roof PV and combined roof and solar modules. The metal roof sheeting has built-in solar power generation capability. Solar cells are laminated directly to the 22-gauge roof panel, providing significantly better resistance to moisture penetration and fatigue stresses compared to typical soft-backed solar modules.

Certification: UL 1703, IEC 61215/61730, IEC 61215/61730:2016

## **ARCH METER CORPORATION**

玖鼎電力資訊股份有限公司

[archmeter.com](http://archmeter.com)

### **Solutions that provide sophisticated analysis in energy management**

Different types of meters: compact smart power meter, three-phase multifunction electricity meter, single phase energy meter-ANSI type and power controller.

Certification: ISO 9001

## BRIGHTTEK OPTOELECTRONIC CO., LTD.

弘凱光電股份有限公司

brighttek.com

### AIoT advanced LED

With its advantage in semiconductor package and solution, and being certified by the strictest quality management system (QMS), its high-efficient and innovative new product technology can help the achievement of SMART LIGHTING.

Certification: ISO 14001, IATF 16949, QC 80000, SONY Green partner

## CHUNG HSIN ELECTRIC & MACHINERY MANUFACTURING CORP.

中興電工機械股份有限公司

chem.com.tw

### Micro-grid system

Household micro-grid system, Integration of Smart Multifunctional Inverter, Power Management Systems (PMS), Intelligent Micro-grid Control System (iFlex-EMS) and distributed community micro grid system with Energy Storage System (ESS).



Certification: ISO 14001, ISO 9001, OHSAS 18001, ISO/IEC 17025 2017, CNS 17025 2018

## **DELTA ELECTRONICS, INC.**

台達電子工業股份有限公司

deltaww.com

Energy saving: Lighting design, Smart street light

Renewable energy: PV solutions

E-Mobility: EV charging solutions

Industrial Automation: Rubber & Plastics, Electronics, Process  
Automation Solutions, Factory Automation Solutions

Energy-saving solutions; Infrastructure

DELTA has a strong presence and markets in Japan, UK, EU, China  
and USA.

## **DIGI-TRIUMPH TECHNOLOGY INC.**

創揚科技股份有限公司

digi-triumph.com

### **Solar & energy storage system**

PV energy storage system (with Li-ion battery), Li-ion battery  
Energy Storage System (ESS), Battery Management System  
(BMS), Qi wireless charging module.

Certification: ISO 14001

## **ECOLOHAS ENERGY TECHNOLOGY**

節能屋能源科技股份有限公司

ecolohas.com.tw

### **Energy communications & power distribution**

Focuses on distinctive renewable energy solutions: energy communications, power distribution, renewable energy and microgrid architecture.

Award: Edison Awards

## **E-ONE MOLI ENERGY CORP.**

能元科技股份有限公司

molicel.com

### **Rechargeable lithium-ion battery**

The ultra-high cylindrical power cell in 18650 and 21700 format provides high discharge current with high thermal stability and reliability, which can be applied in home appliances and EV reduce carbon emissions.

Certification: ISO 9001

## **EVERLIGHT ELECTRONICS CO., LTD.**

億光電子工業股份有限公司

everlightlighting.com

### **Lighting for various applications**

A diverse product portfolio consisting of high-power LEDs, SMD LEDs, Light components, and much more. Its products are known for their energy saving properties.

Certification: ISO 14001, ISO 45001, ISO 3834, ISO 9001, EN 1090

## **HIPOWER GREENTECH CO., LTD.**

鐙鋒綠能科技股份有限公司

hipower.ltd

### **Methanol fuel cell generator**

MGenTM methanol fuel generator generates clean, safe energy. It's an eco-friendly power generator system that serves as an alternative power or UPS.

Certification: IOS 9001

## **HSIANG CHENG ELECTRIC CORP.**

祥正電機股份有限公司

hc.com.tw

### **Measuring instruments and power distribution systems**

Design and manufactures multiple series of products for power systems: power meters, power transducer, power distribution management, power transmitter, feeder terminal unit, and custom solutions.

Award: Taiwan Excellence 2019

Certification: ISO 9001, ISO 9002, IEC 61850

## **J.S POWER CO., LTD.**

喬信電子股份有限公司

jspower.com.tw

### **Battery cells and battery packs**

Portable storage system and energy storage system with STOBA.

Certification: ISO 9001

## **J&V ENERGY TECHNOLOGY CO., LTD.**

雲豹能源科技股份有限公司

jv-holding.com

### **Total solutions of solar system**

It provides a complete renewable energy installation integration program (ground and roof mounts). The solar energy system integration service has helped Taiwanese government build several flagship solar power plants.

## **LITE-ON TECHNOLOGY CORPORATION**

光寶科技股份有限公司

liteon.com

### **Smart control, energy management**

Its smart service solutions cover fields such as smart control and energy management. It also provides hardware design service, integration service for device software, APP, and cloud application in renewable energy.

Certification: ISO 45001, ISO 45001 2019-2022, ISO 14064-1, ISO 9001

## **NEW GREEN POWER CO., LTD.**

永鑫能源股份有限公司

[new-greenpower.com](http://new-greenpower.com)

### **Solar developer and EPC service provider**

With inclusion of solar system services and professional integrated design, its "one-stop" service creates and improves energy transition.

## **SEGL ENERGY CO., LTD.**

矽谷能源股份有限公司

[seglenergy.com.tw](http://seglenergy.com.tw)

### **High-efficiency energy storage devices**

Manufactures lithium-ion portable power station, large Energy Storage Systems (ESS) for renewable energy from solar, wind.

Certification: ISO 9001, ISO 14001



## **SIMPLO TECHNOLOGY CO., LTD.**

新普科技股份有限公司

[simplo.com.tw](http://simplo.com.tw)

### **Household energy storage system**

Its stable and safe lithium-iron based energy storage system is offered at a competitive price which makes it advantageous in global carbon emissions market.

Certification: OHSAS 18001, ISO 14001, ISO 9001, CNS-45001, ISO-13485

## **SUN RISE E&T CORPORATION**

旭東環保科技股份有限公司

[srise.com.tw](http://srise.com.tw)

### **Solar floating system**

One of the only two solar buoyancy system developers in the world. It's solar panel and components can be adjusted on micro angular in accordance with sunlight, which is the only developer worldwide.

Certification: ISO 9001, ISO 14001, ISO 45001

## **SYSGRATION LTD.**

系統電子工業股份有限公司

sysgration.com

### **IoT of energy management & redundant power supply**

Power Conditioning System (PCS), charging station, grid-tied energy storage system, off-grid energy storage system, battery cabinet and battery pack.

Certification: ISO 45001, ISO 14064-1

## **UNITED RENEWABLE ENERGY CO., LTD.**

聯合再生能源股份有限公司

urecorp.com

### **Solar cells, modules, hydrogen-motorcycle & energy storage system**

The largest solar modules and system provider in Taiwan. URE develops industrial ESS container, lithium-ion UPS, and energy management systems. Its hydrogen fuel cell motorcycle provides people an alternative for non-polluting vehicles.

Award: Bloomberg Tier1, Taiwan Excellence Award 2018

## **YATEC ENGINEERING CORPORATION**

安華機電工程股份有限公司

yatec.com.tw

### **Comprehensive and integrated capability for renewable energy**

Provide renewable energy generation, energy Storage Systems (ESS) & battery management systems (BMS) as well as EV charging station.

Certification: ISO 9002

# About TAITRA

Founded in 1970, TAITRA is Taiwan's foremost nonprofit trade promoting organization. Sponsored by the government and industry organizations, TAITRA assists enterprises to expand their global reach. Headquartered in Taipei, TAITRA has a team of 1,300 specialists and operates 5 local offices in Taoyuan, Hsinchu, Taichung, Tainan and Kaohsiung as well as 63 branches worldwide. Together with Taipei World Trade Center (TWTC) and Taiwan Trade Center (TTC), TAITRA has formed a global network dedicated to promoting world trade.

## Core Missions

- To assist Taiwanese businesses in developing international market.
- To collaborate closely with Taiwanese government in trade policy implementation.
- To provide business consultation service and connect international firms with Taiwanese partners.
- To assume the role of "Smart integrator"-complement government policies, facilitate industry needs and develop new business opportunities around the world.

## Main Services

- Global Marketing
- Taiwan Industry Enhancement
- Promoting the Service Sector
- Market Research and Publication
- Digital and E-commerce Marketing
- Gaining Trade Insights with Trade Data Analytics
- International Trade Institute
- Taiwan International Trade Shows
- Exhibition and Convention Venues
- External Relations

