

Bio-Circular-Green Solutions

!TVV Wow ! Taiwan Project

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Wow! Taiwan Project



Wow! Taiwan Project selects the most innovative and cutting-edge products and technology solutions from Taiwan. We aim to connect suppliers and buyers all over the world to do business.

Founded by BOFT (Bureau of Foreign Trade) and implemented by CDRI (Commerce Development Research Institute), Wow! Taiwan Project has created a safe online D2B (Direct to Business) platform for buyers and suppliers to exchange and connect, ensuring business growth is guaranteed through customized services.

Bio-Circular-Green **(BCG) Solutions**

The Bio-Circular-Green (BCG) solution is an approach that aims to create a greener and more sustainable environment. It encompasses a range of measures and strategies, including the use of recycling equipment, promoting the use of recycled materials, implementing pollution management solutions, and producing and using green products. By adopting these solutions, waste generation is minimized, pollution is effectively managed, and overall sustainability is promoted. Taiwanese suppliers specialize in providing products and solutions that support the BCG model and contribute to building a greener future.

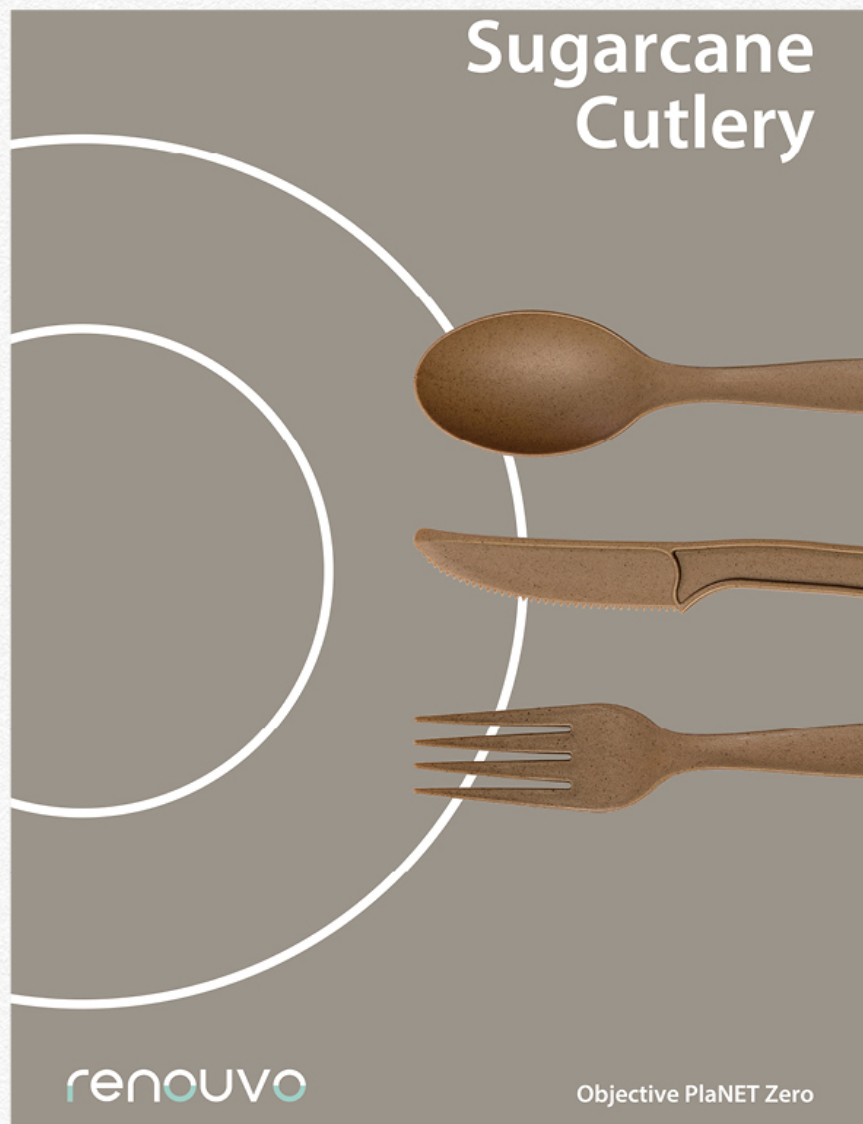
Solution 1





Green Product Solution

Taiwan leverages eco-friendly and recycled materials, applying cutting-edge technology to create structurally durable and high-performance green products, consistently showcasing Taiwan's energy and opportunities in the circular economy industry.



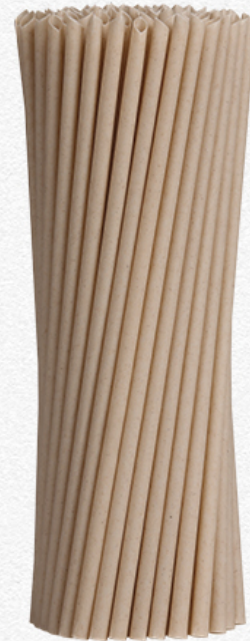
renouvo is committed to building a world of 100% compostable products, from straws to cutlery, and even and many different types of supplies, developing technologies to convert agricultural residues into materials that provide new markets with unique low-carbon plastic-free solutions.



Objective PlaNET Zero



Sugarcane products are made of bagasse, an agri-waste. The manufacturing process uses clean technology that effectively reduces energy consumption and carbon emissions, and therefore, the product has no plastic content and can be naturally decomposed into water and nutrients in a composting environment.



Concours Lepine International Paris Award



BSI ISO 14067:2018 Straw Cutlery Bottle



OK compost HOME-Product



France eco-friendly straws Patent No. FR1872992



EverECO Technology Co., Ltd.

COMPANY



We bought the patent from the inventor in 2018. At the beginning, the invented technology was still in the experimental stages, which took us nearly 3 years for transforming into mass production stages with stable quality output. We are capable of designing the suitable machinery for production as well as opening the mould for products. The business plan is looking for local exclusive agent for each country and exporting the production plant for local manufacturing. Not only proficient in producing the products, but also successfully applied the patent for our exclusive mould design as well as our coating technology. Our products are made from tapioca starch, which does not include any plastic or plasticiser. We use 100% natural food grade raw material, which allows products to biodegrade and compost in the soil. Currently, we have US partner for the US market and we are looking for partners in other countries for market expansion.



LOVE THE EARTH, LOVE OURSELVES



"LOVE THE EARTH, LOVE OURSELVES" is our slogan, and we believe we shall treat nature better for keeping the beautiful planet for the next generation. We are proud to say that our products are made from 100% natural food-grade material and we do not use any plastic or plasticizer; furthermore, we do not have any PFAS in our products. All the products are able to be composted and biodegraded in the soil with no toxicity and harm to the land. Not only being friendly to the environment, but also keeping the convenience and quality of our daily life. Besides food containers, we are also able to produce customized products based on a request, such as packing boxes, making them as gifts, etc.



DIN CERTCO



Germany Patent



US Patent



Seedling



The grass straws are made of natural plant. Our product is 100% natural, no pesticides, additives, and PLA added Lepironia grass straw from Vietnam and Taiwan. They are certified with SGS and TÜV testing reports and are hygienically sealed during packaging.

- **The grass straw is durable and doesn't get soggy for at least 10 hours in liquid.**
- **It can be composted as kitchen waste, easy to recycle.**
- **Laser engraving company logo/ name service available.**

We have successfully got a 3 million (NTD) from crowdfunding website "Zeczec" in 2021. Also, completed the second round funding in early 2023. Currently, we are aiming to have our own factory to start operating by the mid 2023.

There are over 900 restaurants, and stores use/order our straws in Taiwan, and we also sell to direct customers on different online channels like our own website. Shopee. Rakuten Taiwan, Rakuten Japan.

The straw had been sold to Las Vegas, US., England, Belize, and Germany. There are more people from different countries like Australia, Africa to become distributors currently.

Wonder Greene - 100% Grass straw (made of 100% Lepironia grass)



Green up your sips



The straw is made of Lepironia Articulata plant, and we keep the straw as simple as possible without adding any chemicals. With our dedication to the environment and food safety, we hope to make the planet cleaner and life simpler by lessening plastics.

Our belief is if we take care of nature, nature will take care of us. Sustainability is not the destination but a journey. Join us in contributing to a better and more sustainable future.





IBI turns materials into Life for Sustainability.

Founded in 1975, Inm Bem Industrial Co., Ltd. is an upstream supplier of raw materials and semi-finished products in four major industries – manufacturing of ESD conductive carrier tape, blood sugar test strips, , anti-epidemic and antibacterial materials , branching into the building industry business in 2018 to create SenSenWood's wood technology green building materials.

Creating zero emission and low carbon footprint green building materials.

Save a Tree with us!



- **Technological building materials:** SenSenWood's "zero wood powder" manufacturing process is an exclusive recycled material technology, turning industrial waste into functional and practical landscape building materials.
- **ESG Sustainable Cycle:** SenSenWood is a 100% recyclable and sustainable building material. The construction process is "zero waste", and a carbon footprint declaration will be provided in 2023.
- **Multiple Applications:** SenSenWood has a variety of specifications and sizes, and its applications are quite diverse. It supports customized designs such as color and length
- **Quality is our Priority:** SenSenWood is 100% made in Taiwan. The production and quality control processes are digitalized to ensure quality consistency.





have been recycled to high-quality applications to develop natural, Non-toxic, zero petrochemical plastic environmental protection materials, and the related materials will be developed to establish the PFP (Plant fiber polymerization) brand as a natural plant fiber composite material, in accordance with the strict restrictions on petrochemical plastics and fake materials, fake formula policies in various countries around the world, in line with the United Nations in 2025 The goal of the Global Plastics Zero Tolerance Program. The company uses high-quality materials from the early agricultural unused materials circulation. Through the exclusive process technology and application of the company's team, the company developed the code name PFP-No.01 (thermosetting hot pressing process materials) in the past.) Brand material technology extension, the development of the code name PFP-No.02 (SCFS) (special material for sugar cane fiber straws in thermoplastic extrusion process), after it was released in May 2018, it has become the focus of environmental protection straws worldwide. New startups also benefit from this. Through continuous distribution, the PFP sugar cane fiber straws produced by the company have been promoted to Canada, Hong Kong and Macau, China, Japan, Thailand, Indonesia, Cambodia, Vietnam, South Africa, the United States, Europe, Australia And other places, and gradually expand the promotion layout.

In addition to the use of agricultural recyclable materials, the sugar cane fiber straws developed and applied by the company hope to indirectly help domestic farmers (sugar cane farmers) through the development and promotion of raw materials and products. The remaining sugar cane bagasse is juiced to solve the sugarcane bagasse treatment problem that was originally troubled by the sugarcane farmers, and the company will profit from the sale of straws in a mutually beneficial manner, and allocate it to the cooperative sugarcane farmers to increase the income of sugarcane farmers and achieve agriculture. The purpose of circular economy and sharing economy.

Taiwan Xianmeng PFTA Co., Ltd. was established in 2017. With many years of experience in plant fiber R&D process and application experience in the past, starting from the agricultural cycle, the agricultural unused materials

Circular symbiosis and sustainable circulation help make the earth better step by step.



Agricultural recycled fiber composite materials are recycled from sugar cane bagasse produced by cane sugar manufacturing in Taiwan. The sugar cane fiber can be made into straws, replacing traditional petrochemical PP plastic straws, which does help to solve petrochemical plastic pollution. PFP sugar cane fiber straws can not only be fully decomposed but can also fully become compost, returning the recycled waste or products to nature to close the natural cycle of compost, which is non-toxic and friendly to nature.





Hwameei Optical Group affiliated company: 720 International Limited

COMPANY



720 International Limited is a part of the Hwameei Optical Group and responsible for marketing the 720armour sports eyewear brand. A member of the national team for the Marine Debris Recycling Alliance and have launched the world's first MIT(Made in Taiwan) recycled eyewear. We have been promoting sustainable eyewear products and collaborated with the Ocean Conservation Administration, TIPC Taiwan Ports Corporation, and the 2023 WBC World Baseball Classic to launch Ocean Recycled Eyewear. Our goal is to raise awareness that marine waste fishing nets can be recycled into fashionable sunglasses.



Code to Sustainable Life - Zero & Ocean



- To support the circular economy, It is designed for easy recycling, sorting, and regeneration in the future, with a unique screwless frame that incorporates "recycle" into the design.
- The frame is made from recycled fishing nets (Recycled Nylon) reduces carbon emissions by 70% compared with traditional petrochemical-based virgin plastic processes, and reduces the impact of virgin plastics on global warming by up to 90%.
- This product is packaged with FSC-certified packaging material and rPET (recycled PET) lens cleaning cloth in addition to a sustainable cotton and linen goggles bag.
- **The Product Features:**
 - (1) Durable and safer to wear
 - (2) Frame: Made from recycled Nylon
 - (3) Lens: UV400 protection with impact resistant Polycarbonate / PC Polarized lens
 - (4) Screwless construction, durable & safer to wear
 - (5) 720armour sunglasses can be tailored made into prescription sunglasses through 720CRx (Customization prescription) service.
 - (6) Sustainable & eco-friendly design



ISO 9001



UL 2809



GRS
Certification



2010 iF
Product
Design Award

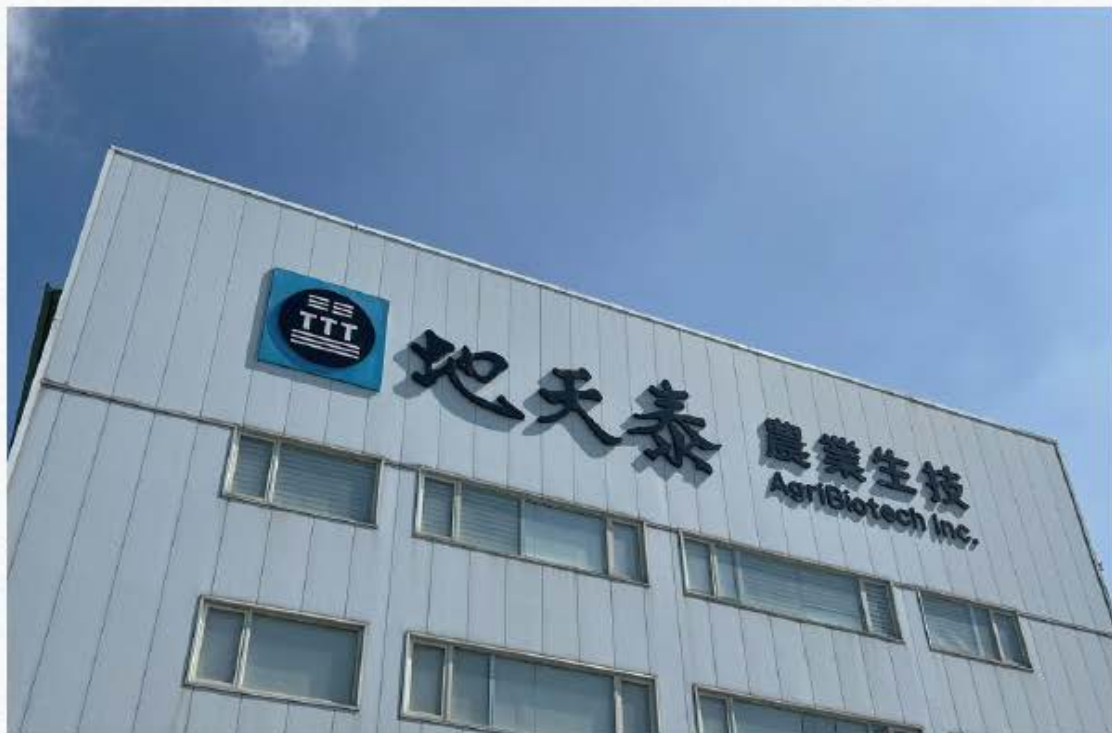
Solution 2





Recycling Equipment and Recycled Material Solution

Taiwan possesses comprehensive solutions and experience, offering diverse and customized product lines and processing systems that enable effective recycling and treatment of various types of waste. The world-class pelletizing technology and research and development capabilities in renewable material not only maintain stable and high-quality output but also offer customized products to meet customer demands.



Tetanti AgriBiotech Inc. was the first successful company spun out from the Taiwan Startup Institute of the Ministry of Science and Technology in 2018. The first round of funding raised 300 million TWDs by Diamond Biofund under Microbio Group, and Harvest Heaven (Hong Kong), Fubon Venture, Yi-Huan CORP and other investors. Tetanti was established in Taichung

City, Taiwan, and set up a state-of-the-art enzyme manufacturing factory that also provides various business models for organic waste management services.

Tetanti's core TTT technology is based on our targeted enzyme products, and with the combined use of machinery, organic wastes can be turned into organic fertilizers within 3 hours. Tetanti's founder Academician Dr. Chiu-Chung Young and our R&D group possess over 8,000 strains and 2,500 species of functional bacterial stock, and is the source of the various targeted enzymes. With the huge collection, we can custom-made the most suitable mixture of targeted enzymes, and this threshold allows us to stand out as the leader in the field of organic waste management.

TTT technology is efficient and cost effective, it greatly improves the maturation process of organic matter over 100 folds and can reduce pollution and increase product safety. The production process solves the odor, waste water, large area demand and time-consuming problems that are normally associated with traditional composting.

Tetanti was awarded "Taiwan's 10 Coolest Technology Innovation Team" in 2019 and was interviewed by Discovery Channel in 2020, entitled "Taiwan Revealed: Agricultural Technology". Tetanti will "Think Globally, Act Locally", and we will stand firm in the circular economy trend. In response to the stringent environmental regulations and carbon emissions issues around the world, TTT® Technology will play an important key role in making agricultural sustainability no longer just a slogan!

AIMZYME + TTT inside within 3-hour MATURIZED EnzyFert



Tetanti's targeted enzymes are derived from our rich database of bacterial strains and enzymes. There are more than 8,000 bacterial strains and 2,500 species, which can provide clients with the most suitable enzyme combination for different organic materials. All the residues of animals, plants, microorganisms and the discharged organic matter can be quickly processed into solid organic fertilizers. Depending on the daily amount of organic waste, we offer different types and specifications of processing equipment.

Toxic matters in organic wastes are detoxified and/or deodorized through the degradation, synthesis, transformation and/or polymerization reactions by patented enzymes. At the same time, pathogens, insect eggs and grass seeds are mostly exterminated at 80°C (at least 30 minutes). TTT Technology produces stable and high-quality organic fertilizers within 3 hours.

• **Six Categories Targeted Enzyme:**

- (1) Poultry/livestock manure
- (2) Kitchen waste: vegetable waste; cooked waste.
- (3) Plant residue
- (4) Organic sludge
- (5) Animal related
- (6) Others

• **Equipment:**

- (1) **Industrial scale:** daily processing capacity > 50 tons.
- (2) **Community-scale:** daily processing capacity 20~500kg.

• **Technical service:**

- (1) Professional plant layout and planning
- (2) Process guidance
- (3) Product Formulation/added-value consulting
- (4) Final product application





The “iTrash Smart City Garbage Recycling Integration System” (hereinafter referred to as iTrash) developed by Hao-Yang Environmental Technology Co., Ltd. has the functions of airtightness, deodorization, refrigeration, and compression. In addition to general garbage, it also provides recycling of resources such as bottles and cans. This integrated garbage recycling system not only provides 24-hour service, but the public can immediately weigh and charge as long as they swipe the EasyCard or One-Card, and even recycle 8 iron and aluminum cans to get 1 taiwan dollar value-added rewards, which can also be accumulated.



Smart Waste Collection Service, Creating a Carbon-Reduced New Lifestyle.



Producing garbage is an unpreventable result of our daily processes. Considering the development of modern technology, improvement of living standards and unstable working hours, there should be a more user-friendly system to collect garbage instead of holding them & waiting for the garbage truck in fixed hours.

The world's first iTrash Smart City Garbage & Recycle Integration System is a breakthrough in traditional garbage collecting methods. Its 24-hour self-service system is conducive to enhancing convenience, improving living standards, reducing the amount of garbage, achieving immediate recycle money feedback, and minimizing garbage disposal costs.

Fair Charge-First in the world to charge by the weight of garbage user litters into the machine.

Recycling Feedback-Feedback for separating recyclables from the garbage can be charged to the user's electronic fare card. Immediate money feedback increases user willingness of participating in recycling.

Available 24 hours-24 hours self-service for garbage disposal is provided. No more missing garbage trucks or garbage exposure will happen.

Electronic Services-Usage of electronic fare cards, trash overflow detection systems & facility data feedback systems contributes to the creation of a Smart City.

Integrated Service-Efficiently monitors iTrash machines & all kinds of waste in one go.

Eco-friendly & Tidy-No standard garbage bags/trolleys are needed. Patent-certified design of garbage refrigeration & deodorant features can reduce the growth of bacteria & pests to ensure a clean environment.

Patent & Certificate



Valuable transaction system patent



Billing function Garbage compression equipment



Patent for collection and processing device



Patent for waste compression device with fee calculation function



European patent of waste compression device with fee calculation function



Yes-Tek Co., Ltd. is a professional plastic material manufacturer. We are the sole manufacturer in Taiwan that has both legal optical disc recycling plant and pelletizing, upgrading plant. We can improve the traceability of the source of recycled plastic.

We also act as an agent for the relevant plastic materials of worldly known corporations such as FORMOSA CHEMICALS & FIBRE CORPORATION and LG, and continues to cooperate with the domestic and foreign manufacturers.

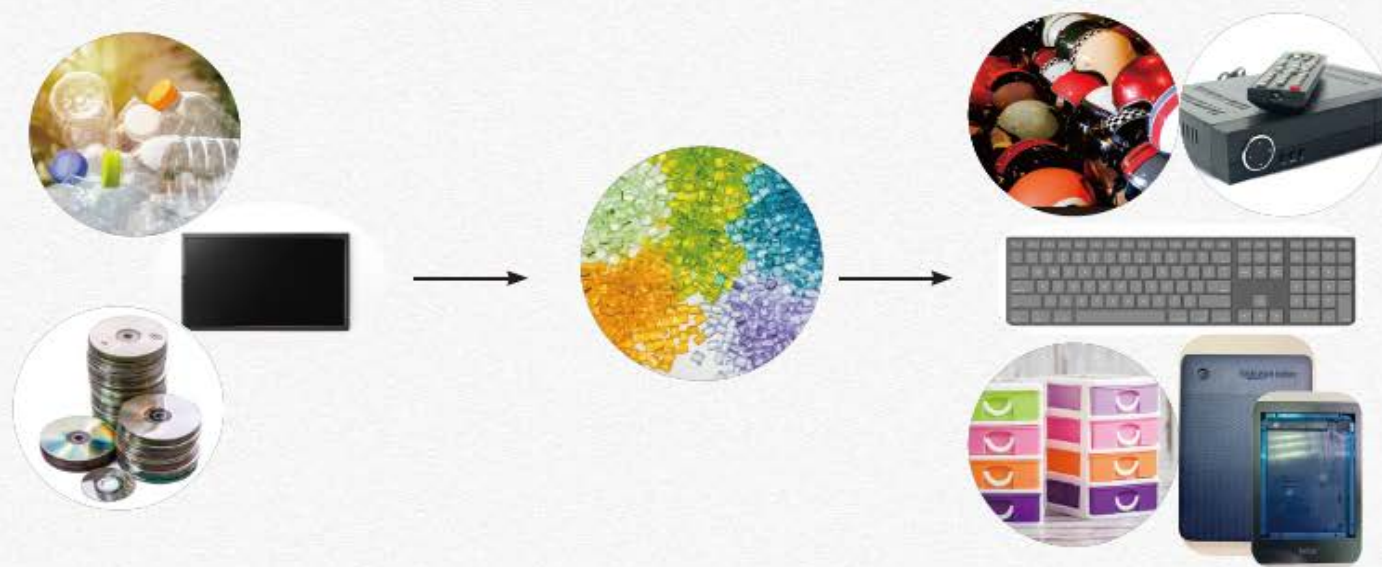
In recent years, Yes-Tek Co., Ltd. has been committed to the development of regrind/recycled plastics. We turn the recycled and discarded optical discs into clean Recycled PC plastic fragments through professional crushing and cleaning process; In addition, we are also committed to the recycling and granulation of other plastics, such as PET bottles and biodegradable materials (PLA). With the spirit of environmental protection and circular economy, we make our contribution to the earth and the environment.

Yes-Tek, your all-round partner for carbon reduction and CSR fulfillment!



Founded in 2000, Yes-Tek specialized in polymer modified products including functional and dyeing plastic chips. Yes-Tek is the sole legal compact disk recycling plant in Taiwan and we also have polymer modified techniques and equipment in the same factory. Therefore we can provide customers with high-quality chips and recycled process traceability.

We have dedicated ourselves to the development of recycled plastic materials for many years. In addition to recycled PC(polycarbonate), we also provide other GRS-certified PCR materials, such as PC , ABS , PC / ABS , PP , Nylon6 and HIPS.



GRS certificate



TUV certificate



ISO 9001:2015

Small Business Innovation Research Award, Ministry of Economic Affairs, Taiwan



Sheng Yzz Co., Ltd. established business in this field since 1979, we are a professional machine designing & sole manufacturer of coconut fiber, palm fiber turn key plant in Taiwan, Sheng Yzz company innovates, research & develop new product continuously in the passed years, the company designed & made in Taiwan for the first.

The fully automatic coconut fiber mattress produced in 1994, we continuously, developing various plant of fiber separating machine, drying machine, hydraulic baling machine, pelleting machine, crushing machine, etc. and obtained Taiwan national design patent

Sheng Yzz company applied their trade mark patent EGM EVER GREEN MACHINE which stands for green Eco-friendly machine, the trade mark abbreviated as EGM. We have applied new type patent No. 6112, No. 82434, 325479, 337247 and No. 319935, etc. With highest productivity, buyer can make huge profit in a short time, it's your best choice.

It is not only received good response in this field worldwide, but also sold machine to local customers in Taiwan, China, Korea and several countries in Southern Eastern Asia. The future target of company is that they will aggressive to provide the most excellent product and business service to all over the world. Sheng Yzz company expect to become a global reputed professional manufacturer of green Eco-friendly machine and also expect to supply our best product and service for marketing to worldwide, in order to establish a hundred years evergreen enterprise which is the goal of Sheng Yzz company in this business.

Let's Take from and Give Back to Natural Resources to the Earth in the Right Way.



The Fiber Separating Knife is specially designed for natural fiber, which is durable and once the blade is worn out, it can be shifted to the other side.



Patent



Coconut Husking Machine



A variety of Plant Fibering Machines



Coconut Fiber Needling Machine



Dedicated Coconut Fiber of Unified Machine



The company is established in 1980, We have more than 43 years' professionalism and experiences and have developed various applications of renewed products;

Turning irregular waste plastics into standardized raw materials!

Including blow molding, blown film, extrusion, injection grade and so forth.

We focus on sales of recycled plastic such as PP, PE, ABS, PS, PC, ... etc, and also trade both virgin and recycled plastic.



Turning irregular waste plastics into standardized raw materials!



- Possess rich experience in production technology and quality control
- Offer low-carbon, sustainable raw materials and customized solutions
- Capable of enhancing the physical properties, such as strength and impact resistance, through adding or adjusting different materials and ingredients
- Provide professional and effective customer service, including technical support, meeting specific needs, and providing real-time feedback



Global Recycled Standard (GRS), IDFL Taiwan



Recycled Material verification (For Post Consumer Recycled), TÜV Rheinland



ISO14001:2015

BS8001 (Circular Economy Standards, Optimizing level)



Our company was founded in 1976, specializing in manufacturing plastic breaker with the experience of more than 25 years. Besides, we also persist in developing various recycling equipment. In the year of 1986, we established Yu Meng Co., Ltd. Latter in 1989, we succeeded in applying to the patent for new-style breakers. Through the years, our professional work team devotes to innovate much more new products. As a result, we have applied for the patent of new type crusher in 1990, and our machines and service, have received favorable comments from all circles. We are aware that environmental protection and resource recycle are the most important thing to the world. With a view to provide the most advanced & efficiency, machinery and expand our business, we cooperate with Japanese company for technology exchange, and set up Chang Woen Machinery Co.,Ltd in 2001 respectively.



Efficient recycling, to simplify process of waste treatment and lower cost of refuse removal



The core value of the company is to assist enterprises to create a resource recovery and renewable economic and industrial system. Through the recycling system, the waste enters a new cycle and becomes a new raw material or material. In addition to reducing environmental pollution, it can also effectively reduce production costs. And then to achieve sustainable management, so that enterprises and resources symbiosis. The services we provide cover the entire production planning from assembly, testing, tuning, trial run, production and after-sales service. Our main products include PE plastic film washing system, PET bottle recycling system, wood shredding system, waste tire shredding line, waste cable recycling line, plastic recycling system, pulverizer, crusher, shredder and other related mechanical equipment.

Patent



Label Remover

Hydro-Extractor

Crushing and Separating Solution

Solution 3





Pollution Management Solution

Taiwan provides comprehensive solutions for wastewater treatment, reducing process pollution, and enhancing resource recycling to effectively help customers improve production efficiency, reduce operational costs and also efficiently reduce pollution and carbon emissions.



WEISUN INDUSTRIAL CO.,LTD. was established in 1976 and was first positioned to be an OEM company that manufactured its drying equipment for heavyweight domestic clients. After the financial storm in 2008, manufacturing facilities gradually relocated to Mainland China. For sustainable operation, the company decided to transform and created its own brand WEISUN and turned “customization”-oriented. It has tailored corresponding professional drying equipment needed for a variety of processes. After having gone through the diversified challenges in different industries such as semiconductor, circuit board, and panel industries, we continued to build up our capabilities in spontaneous technical R&D. The ratio of OEM has been reduced each year to eventually 5% and we have successfully developed our own brand while transforming from OEM to OBM.

We firmly believe that "customer satisfaction is everything that matters to WEISUN."

Based on this very initial passion, WEISUN, with its quality team, will continue advancing its R&D technology, integrating existing resources, keeping track of the market update and dynamics, and developing high-quality equipment that addresses customers' pain taking into consideration what the users need to help customers realize a smart light-off factory with a high activation rate and a high yield rate!

WEISUN now is not only catching extensive attention from enterprises in domestic and international semiconductor, electronics, and photovoltaic industries but also continuing to receive support from the Ministry of Economic Affairs in R&D projects. The company has also been honored by the 2018 Sustainable Development and Innovative Research Award of New Taipei City Industrial Association, 2019 Golden Torch Award, 2019 National Brand Yushan Award, and 2020 Golden Peak Award, among others. WEISUN has been devoted to the manufacturing and R&D of drying equipment for more than 40 years. Already a technical leader in industrial drying equipment that is highly favored by upstream and downstream manufacturers or suppliers in the electronics industry for a strategic alliance, we are never complacent with what we have accomplished so far.

In the future, while pursuing sustainable corporate operation, WEISUN will never forget where it began and look upon itself to constantly give back to society and proactively march towards B Corporation goals. We will help minorities follow a virtuous circle and reinforce the positive energy in society with love and action so that WEISUN is not only providing automatic light and heat-drying technologies and growing to be a leading global brand in industrial drying equipment but also one of the leading brands in boosting public interests.

Effective energy-saving waste heat recovery.



- Water vapor is reheated above 100°C to become dry (super-heated) steam, which is anhydrous, odorless, colorless and oxygen-free.
 - (1) Rapid heating can be achieved with extremely small dry steam molecules which penetrate the baked objects so heating takes place both inside out and outside in simultaneously.
 - (2) The temperature difference between the dry steam and objects to be baked in the furnace at room temperature is extremely huge that large amount of heat will be transferred to achieve rapid heating.
 - (3) The moisture contained within will evaporate once the temperature of the object exceeds 100°C and it can then be dried without moisture. The heat absorbed by dry steam is 8 times that of the same volume of air.



Taiwan Utility Model Patents No.M640945



Taiwan Utility Model Patents No.M640946



CE Attestation No.M.2022.103.15778



ISO 9001:2015



Since Fusheng was founded in 1953, it has transformed from a small Taiwanese company to a regional manufacturing enterprise, taking root in China and various Southeast Asian countries such as Malaysia, Thailand, Indonesia and Vietnam. The company was initially built from the ground up, and it overcame daunting challenges to gain a foothold in Taiwan, where it specialized in overhauling all types of air compressors made in European countries, the United States of America, and Japan.

Over the years, Fusheng expanded its reach to Europe and North America through mergers and acquisitions, allowing it to become one of the most globalized manufacturing groups in the compressor field. Fusheng attributes its growth and persistence to its commitment to meet the mission, "Pursuing Excellence and Enriching Life", as embraced by its founder, Mr. Hou-Teng Lee. As the company continues to grow, it aims to create products and services that are not only competitive in the international market, but also meet the requirements for better environmental protection, energy efficiency, high-quality, and customer satisfaction.

With Fusheng's leading edge and patented R&D technology, automated production equipment, global distribution channels, and integrated global resources, Fusheng is equipped to provide a full and complete product line.

Powered by FU SHENG



- Energy saving
- Environment friendly
- Human-machine interface
- User friendly



TAIWAN
EXCELLENCE



Taiwan
Excellence
Award 2019



DCFilter aims to solve the threat of environmental pollution, and contribute to the environment.

With our independently developed membrane technology, we bring revolutionary technological development to industrial wastewater or related water sources that are harmful to the environment.

DCFilter plans on eliminating the threat of water shortage through innovative technology, so that the quality of life can be better and healthier.





Filtration new energy



The inner diameter of the organic tubular membrane is about 8 ~ 12.5mm, which will have the following characteristics:

- The flow channel is wide and filtered in a cross-flow method, which reduces the blockage, and the sludge accumulation is reduced by adjusting the flow rate.
- The product can process liquids with high solid content and high concentrations.
- There is a small pressure difference across the membrane.
- Our composite membrane structure has high pressure resistance, unlike the hollow fiber structure, which is easily broken.
- The membrane cleaning process is simple, with chemical cleaning and physical cleaning. All can be operated online, which saves time and effort.
- There is no strict requirements for the liquid feeding conditions.



Taiwan ROC Patent

1. M636459
2. M636460



Waterpower is a professional manufacturer of filtration and environmental protection technology (sludge dewatering machine), specializing in the design and development of sludge wastewater treatment equipment, water treatment equipment, food filtration equipment, process filtration equipment and other related industries. We design and manufacture the equipments necessary to your projects.

The best choice for filtration processes and manufacturing of wastewater treatment equipment and industrial processing equipment including Screw Dryer, FILTER PRESS, Auto Moving Clothes Filter Press, BELT PRESS, Dosing Unit and Depth Filter Sheets.



Wastewater Filtration and Recycling

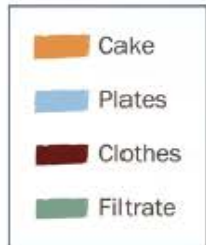
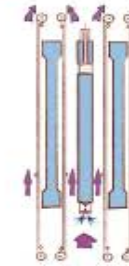
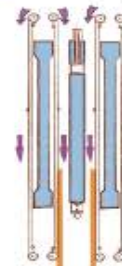
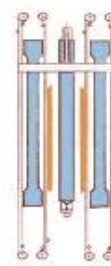
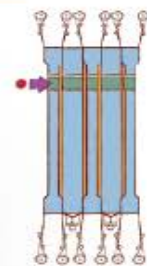


A Moving clothes type filter press is a breakthrough of general filter press. It is a highly efficient, compact, dewatering device for separating solids from liquid slurries in the form of compressed cake. Its major components are a structured framework, filter chambers (formed by recess portion of Recessed plate system, or frames in plate and frame system), and filter cloth.

Filter press technology although very basic in nature, but its application is as important to the various processes it serves, as is a simple wheel to the motive machines. Filter Press are separation devices used for solid or liquid separation that work on feed pressure or squeeze pressure to reduce liquid content in process or waste slurries or to reduce solid content in a product.

Operation Process Flow Chart

- 1 Filter plates close
Feed sludge
- 2 Press to dewater
- 3 Filter plates open
Release of sludge
- 4 Filter clothes cleansing





SIMILAR ENTERPRISE CO., LTD.

COMPANY



At the beginning of the establishment of Similar Enterprise Co., Ltd. in 1995, we serve the public with the principles of steady administration, sincerity and honesty, work-respecting, and pursuing for endless better performance, practicably propel the rational business concepts of Sincerity & Honesty the First, Quality the First, and Service the First, and serve with the perfect design & schemes and professional constructive technologies to insist in striving to improve the disposal quality of the sewage. Through the co-operation of sounder and sounder relative rules of the government, we hope the sewage disposal equipment can be more widespread, and decrease the pollution volume of the sewage in large-scale to enable us to have a better living environment.

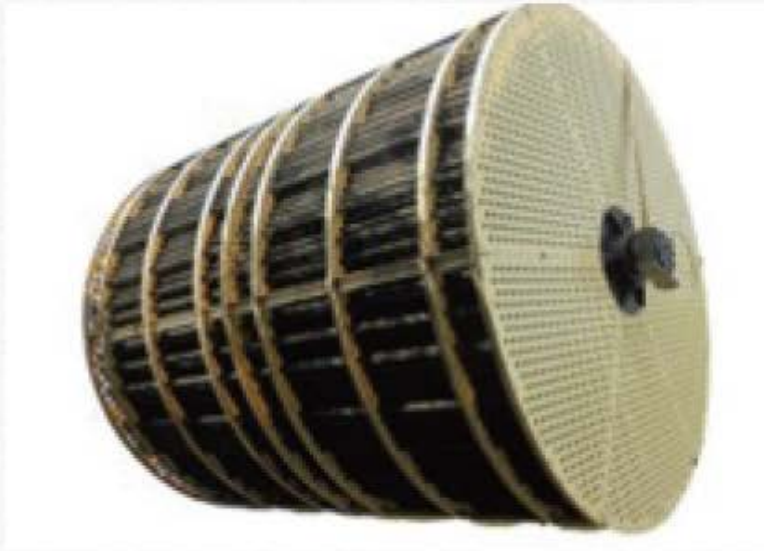
We continuously innovate and improve the technologies with professional service and products, co-operate with many major state-operated and private-owned projects, and have earned the appreciation of many people.

The actual achievements are as follows; purification plants in the Ch'eng Ching Lake, Feng-yuan, Dragon Lake, Ming-te, the second purification plant in Hsin-chu, Chiang Kai-shek Airport, factories of Formosa Chemicals & Fibre Corporation, Vertex Precision Electronics Inc., Ta Tung Dye Factory, and Wei Chuan Corporation, etc.

Because of the unprosperity of the present time, it's often heard that industry owners of the same trade snatch the market with low price, minor products, or products of inferior materials. The competitive pressure is getting to increase day by day. For continuous operation of the company, we will take the quality as rear supporter, and strengthen the inner control and administration to cope with the changes and challenging of the external environment. Consolidating the physique of the company to live up to the business goals.



Effectively remove ammonia nitrogen in water



Bio-membrane treatment is a new technique for disposal sewage treatment. The technique includes water conservancy technique, bio-membrane circulation technique and microbe's segregation technique. It is most efficient and economic in dealing with residence and industry disposal sewage with high BOD nitride and carbide.



2000 Environment Protection Equipment Quality Certificate



2020 Awards Ceremony of Benchmarking Company of Environmental Equipment



Taiwan Patent : M609427 : Rotating Biological Contactor(RBC)



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