

i-Farming

!T!T!T 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 TITA International Trade Administration, Ministry of Economic Affairs 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.

i-Farming Solutions

Taiwan's smart agriculture solutions utilize cutting-edge technologies such as IoT, AI, and big data analytics to optimize agricultural processes, significantly enhancing productivity and sustainability.



Solution 1



Agricultural Modernization

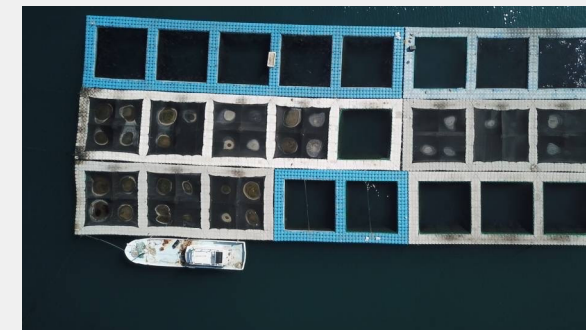
Taiwan leverages cutting-edge technologies such as IoT, AI, and big data analytics to optimize agricultural processes. These technologies enable real-time monitoring and precise control of farming activities, leading to increased efficiency and reduced resource waste.



U-Sync. (Taiwan) Internet Services Co., Ltd.

U-Sync. (Taiwan) Internet Services Co., Ltd. is a global agricultural and aquaculture information service platform utilizing AI for data and image analysis. We integrate Taiwan's leading agricultural technologies and provide ICT products such as soil and water monitors, drones, and 5G solutions. Our AI modules enhance identification accuracy and reduce labor in farms and fisheries. With established partnerships in Indonesia, Malaysia, Thailand, New Zealand, and Vietnam, we aim to expand globally. Our solutions, U-CorpNet and U-FishNet, offer intelligent digital services for planting and aquaculture, improving efficiency, sustainability, and management through advanced technology.

■ Website <https://www.wowtaiwan.org/company/1684>



SOON STRONG MACHINERY WORKS CO., LTD. has over 40 years of experience in fabricating and manufacturing equipment for the animal, aqua feed, mineral, and chemical industries. In the past decade, we have expanded into the green recycling industry, focusing on converting waste materials like IC boards, dead wood, and coconut shells into biomass fuel. Our innovative solutions also include converting poultry manure and food waste into organic fertilizers and soil. Our Raw Food Waste Recycling System processes 100kg of waste every 1-2 hours without heating, producing no wastewater or odors, and enhancing soil with beneficial microbes. Our modular equipment ensures energy efficiency and operational safety.



Haoxing Technology Co., Ltd.

Haoxing Technology Co., Ltd., founded in 2017 and registered in 2019, designs and manufactures agricultural drones. Headquartered in Yuanlin City, Changhua County, the company addresses Taiwan's agricultural needs with rescue command stations in Changhua, Yunlin, Tainan, Kaohsiung, Pingtung, and Hualien. Our main products include plant protection drones, surveillance drones, aerial photography drones, and specialty drones. We also offer agricultural materials, spraying services, and garlic farming equipment such as smart planters and harvesters. Haoxing focuses on developing labor-saving agricultural machinery to enhance productivity and efficiency.

Website <https://www.wowtaiwan.org/company/1757>



PneuSmart Tech. Application Inc.

Founded in April 2014, PneuSmart Tech. Application Inc. integrates technology and business to address food safety and organic waste disposal. Specializing in pesticide-free strawberries, we produce high-quality fresh and processed products, expanding into biotechnology and feed additives. Our Intelligent Crop Cloud system uses IoT for real-time monitoring and control of crop environments, enhancing yields and disease prevention. With smart greenhouses in Taoyuan and a natural farm in Miaoli, we ensure safe, non-toxic cultivation. PneuSmart aims to create sustainable, eco-friendly farming practices, providing consumers with safe and delicious strawberry products.

Website <https://www.wowtaiwan.org/company/1696>



Three green house farms in operation in producing Japanese Strawberries.



Wisdomer Ltd.

Founded by Dr. Ray T. Hsu in 2021, Wisdomer Ltd. leverages extensive UAV expertise to revolutionize agricultural crop protection. Our mission is to reduce pesticide use and advance agricultural technology through innovative UAV solutions. The Z50, our flagship dual-purpose drone, offers unparalleled performance with its IP67 waterproof rating, high flow rate pumping system, autopilot, precision spraying, FPV operation, and remote control capabilities. The Z50 efficiently sprays pesticides and spreads seeds or fertilizer, significantly reducing labor and enhancing crop productivity, positioning Wisdomer as a leader in smart agriculture solutions.

Website <https://www.wowtaiwan.org/company/1697>



青禾智農有限公司 WISDOMER

Our Smart Agriculture

青禾智農提供先進的無人機技術，用於精確農業，提高農業效率與永續發展。
Wisdomer offers advanced drone technology for precision agriculture, enhancing agricultural efficiency and sustainability.

我們的無人機優化農藥使用並改善病蟲害控制，並提供全面的培訓和維護支持。
Our drones optimize pesticide use and improve pest and disease control, supplemented by comprehensive training and maintenance support.

擁抱創新，與青禾智農一起，用我們的先進農業解決方案革新傳統農業。
Embrace innovation with Wisdomer, and revolutionize traditional agriculture with our advanced agricultural solutions.

What We Do

- 植保機設計、製造與生產
AgriDrone Design/Manufacture, Production
- 無人機考照訓練
Drone License Training
- 農業肥料空中噴灑服務
Aerial Spraying Services
- 無人機維修服務
Drone Maintenance Services

Drone pilot training course



Wisdomer

G Series

- Smart Agricultural Sprayer
- Swappable Tank for Liquid and Particles from 6L – 40 L
- Precision Spraying & Spreading



Z 50

- Z Shape Folding
- 50 KG Payload with 50 L Spraying & 70 L Spreading Tank
- IP67/Waterproof
- High-efficiency Spreading
- Water-cooling Centrifugal nozzle
- Double impeller Pump



Drone Frame	X1	Flight Control Module	X1
Motor Set	X4	Receiver	X1
Impeller Pump	X2	RTK Module	X1
Flow Meter	X1	Forward Radar	X1
Level Gauge	X1	Rear Radar	X1
Centrifugal Nozzle	X2	Altitude Radar	X1
Adapter Board	X1	Camera	X1
Pipes and Fittings	X1	Remote Control	

JNC TECHNOLOGY CO.,LTD

JNC Technology, founded in 2005, specializes in IoT AI sensors and controllers for applications such as IAQ monitoring, medical temperature monitoring, and smart city microclimates. Our solutions simplify system integration, reduce costs, and enhance global control with advanced IoT architecture. With over 30 patents and certifications from SGS, CE, and FCC, we ensure high-quality and innovative products. Our offerings include the Intelligent Mercury, pH Sensor, City Weather Detector, Cloud Box, and Manual/Automatic Control Panel, all designed for efficient, reliable, and scalable IoT solutions.

Website <https://www.wowtaiwan.org/company/1665>



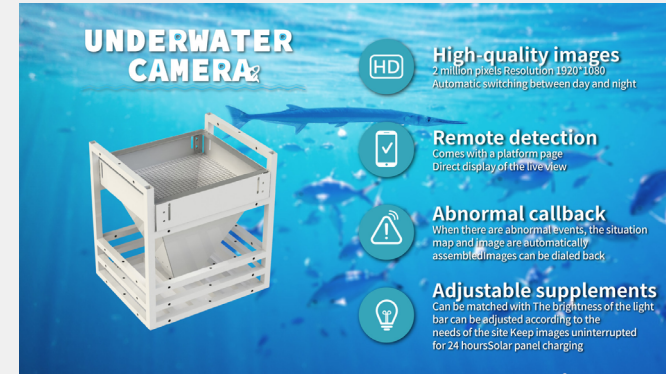
WATER QUALITY SENSOR
[PH/DO/EC/SC/ORP/NH4/NO3]

- Remote Monitoring**
With RS-485 and Wi-Fi Web dual interface
Remote or local mobile phone monitoring is possible
- Waterproof Level**
IP68 submersible type corrosion-resistant material
Can be put directly into the water
No protective sleeve required
- Smart Correction**
Cell phone Web interface
The protective cap can be directly replaced
by the calibration bottle
Can be calibrated both locally and remotely
- Auto Clean**
Auto clean function
Set Auto clean schedule



IM-MERCURY

- Automatic cleaning**
No maintenance required save 90% of labor and costs
- Green energy power supply**
100% power saving efficiency green energy power supply non-stop for 365 days
- LINE management**
Active LINE group management system, joint management interface, master all information
- Smart connected control**
Jointly controlled water trucks/feeder/blowers/water pumps and other equipment



UNDERWATER CAMERA

- High-quality images**
2 million pixels Resolution 1920*1080
Automatic switching between day and night
- Remote detection**
Comes with a platform page
Direct display of the live view
- Abnormal callback**
When there are abnormal events, the situation map and image are automatically assembled
Images can be dialed back
- Adjustable supplements**
Can be matched with The brightness of the light bar can be adjusted according to the needs of the site
Keep images uninterrupted for 24 hours Solar panel charging



iCHASE Co., Ltd.

iCHASE Co., Ltd. integrates AI with livestock farming, offering the first AI poultry care system. Our technology monitors and predicts poultry health, including weight, activity, and respiratory diseases, enhancing breeding management. Automated monitoring devices and AI edge computing provide real-time data on poultry health. Our AI Weight Scale and AI Bird Repeller streamline farm management. Customers include Dacheng Great Wall and BRF. Our solutions enable farmers to efficiently monitor and maintain poultry health, ensuring high-quality breeding outcomes.

Website <https://www.wowtaiwan.org/company/1703>





Hydroponics Lin Agritech Co.,Ltd.

Hydroponics Lin Agritech Co., Ltd. specializes in innovative hydroponic systems for leafy vegetables. Our NEW NFT System features modular, vertical cultivation equipment designed for urban spaces, commercial farms, and households. Ergonomically designed for easy harvesting, our system maximizes plant growth and efficiency. With LED full-spectrum lights, year-round cultivation is possible, enhancing production control. Our technology reduces costs, improves quality, and shortens growth cycles, supporting professional growers, retailers, and researchers in meeting new market demands.

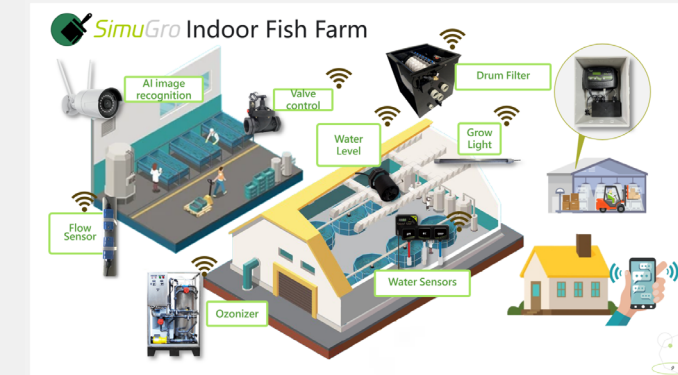
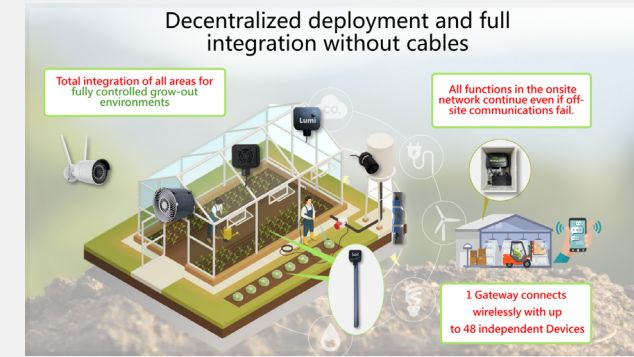
Website <https://www.wowtaiwan.org/company/1709>



Innovation Foremost Asia Ltd.

Innovation Foremost Asia Ltd. presents SimuGro, a smart farming system combining AIoT for seamless management of water, light, air, and feeding. Our decentralized, wireless modules ensure low-cost installation and maintenance. SimuGro replaces traditional PLC systems, enhancing automation for greenhouses, aquaculture, and more. The UrbanBlue platform provides real-time data visualization and AI-driven alerts, improving efficiency and reducing risks. With our patented water quality sensor kit, users can easily maintain accurate monitoring, driving peripheral equipment without complex cabling, ensuring optimal farming conditions.

Website <https://www.wowtaiwan.org/company/1710>





Sky Village Digital Biotech Ltd.

Sky Village Digital Biotech Ltd., located in Moon World, Kaohsiung, Taiwan, transforms barren soil into fertile farmland using IoT technology. Our industrial-grade irrigation and fertilization system utilizes 4G LTE controllers and LoRa protocol for efficient, remote management. The system collects soil data and automates irrigation, reducing water consumption and enhancing crop growth. Our durable electronic ball valves and precision irrigation pipes ensure optimal water and nutrient delivery. Sky Village aims to share this technology globally, enabling successful farming in challenging environments and combating famine.

Website <https://www.wowtaiwan.org/company/1711>

<p>Trace Quantity Irrigation Pipe 100 Meter</p> <ul style="list-style-type: none"> • stable trace quantity irrigation through 100 meter 	<p>Soil Temperature Humidity Sensor Transmitter</p> <ul style="list-style-type: none"> • IP68 waterproof and dustproof • Accuracy: Temperature $\pm 0.2^{\circ}\text{C}$, Humidity $\pm 2\%$ • Resolution: Temperature 0.1°C, Humidity 0.1% • Measuring Range: Temperature $-30 \sim 70^{\circ}\text{C}$, Humidity $0 \sim 100\%$ • Epoxy resin vacuum filling • Made of 316 stainless steel 	<p>Submersible Water Level Transducer</p> <ul style="list-style-type: none"> • Measuring Range: 1M or 5M • Made of 304 stainless steel • Power supply: 12V~36V DC • Accuracy: $\pm 0.5\%$FS 	<p>4 Relay 4G LTE Controller</p> <ul style="list-style-type: none"> • 4 relay control • 5 Analog input • 5 optocoupler input • RS485 communication interface • Relay durability: 100,000 times • Relay contact capacity: up to 10A 30V DC or 10A 250V AC • Working temperature range: $-40 \sim 85^{\circ}\text{C}$ 	<p>Soil Nitrogen Sensor Transmitter Soil Potassium Sensor Transmitter Soil Potassium Sensor Transmitter</p> <ul style="list-style-type: none"> • resolution 1mg/kg • IP68 waterproof and dustproof • Accuracy $\pm 3\%$ • Epoxy resin vacuum filling • Made of 316 stainless steel • Measuring Range: $0 \sim 1999\text{mg/kg}$ 	<p>Electronic Actuated Ball Valve</p> <ul style="list-style-type: none"> • Power supply: 5V~36V DC • IP68 waterproof and dustproof • liquid temperature: $-10 \sim 100^{\circ}\text{C}$
<p>LoRa LTE Gateway</p> <ul style="list-style-type: none"> • Working frequency: 470MHz (could be set on 433MHz from factory) • RS485 communication interface • Communication baud rate: 2400, 4800, 9600, 19200, 38400 • 2.4GHz Wifi or LTE communication • USB Type-B port could be used as power supply or communication • Up to 256 LoRa device connection 	<p>Soil PH Sensor Transmitter</p> <ul style="list-style-type: none"> • Resolution 0.01 • IP68 waterproof and dustproof • Accuracy ± 1 • Epoxy resin vacuum filling • Made of 316 stainless steel • Measuring Range: 3~10 	<p>LoRa Electronic Actuated Ball Valve</p> <ul style="list-style-type: none"> • Working frequency: 470~510MHz • Communication distance: 3KM • High-capacity Lithium battery included 3.6V 14Ah • IP68 waterproof and dustproof • Standby power consumption: $<20\mu\text{A}$ 	<p>Intelligent</p> <p>Artificial Intelligence</p> <p>trace quantity irrigation</p> <p>Big Data</p> <p>IoT</p> <p>Creativity</p> <p>Service</p>		

Earthgen Technology Co., Ltd.

Earthgen Technology Co., Ltd., founded by NCKU's aeronautics department in 2017, specializes in agricultural drones to replace manual pesticide spraying. With 7 locations in Taiwan and exports to Europe and Africa, we address labor shortages and advance precision agriculture. Our EG5 Plus drone features a 30L spray tank, 40L seed spreader, and automatic systems, covering 12-15 hectares per hour. Made in Taiwan, our drones are customizable and managed via a UAV platform for efficient oversight. Earthgen's drones increase efficiency, reduce pollution, and enhance safety for workers.

■ Website <https://www.wowtaiwan.org/company/1716>



GZ Technology Co., Ltd.

GZ Technology Co., Ltd. has been enhancing Taiwan's agricultural environment since 2016 with smart, efficient solutions. Our "Dronelution" service uses advanced UAV technology for precise agricultural data and image analysis. We offer farm inspections, crop monitoring, soil assessment, irrigation management, pest detection, and more. Equipped with multispectral sensors, our drones and satellite imagery reduce labor and costs while boosting profits. Dronelution simplifies field management, providing comprehensive crop information to improve production efficiency. Embrace smart agriculture with Dronelution, your essential field management assistant.

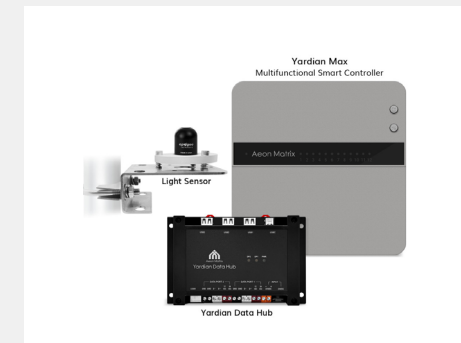
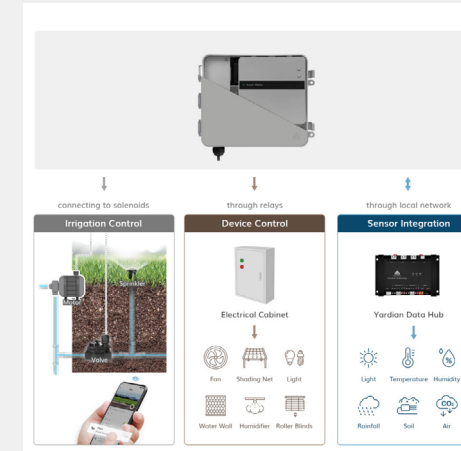
■ Website <https://www.wowtaiwan.org/company/1717>



Aeon Matrix Inc.

Aeon Matrix Inc. develops smart irrigation solutions for residential, commercial, and agricultural applications. Our Yardian Pro smart sprinkler controller, certified by the US EPA WaterSense, conserves water and labor. The Yardian Max multifunctional smart controller, paired with Apogee's solar sensor, offers precise irrigation based on accumulated solar radiation. Users can set energy thresholds and watering durations for each zone, adapting to weather changes automatically. With 4-year warranties and local data encryption, our system reduces water usage, labor costs, and crop damage, ensuring efficient and reliable irrigation management.

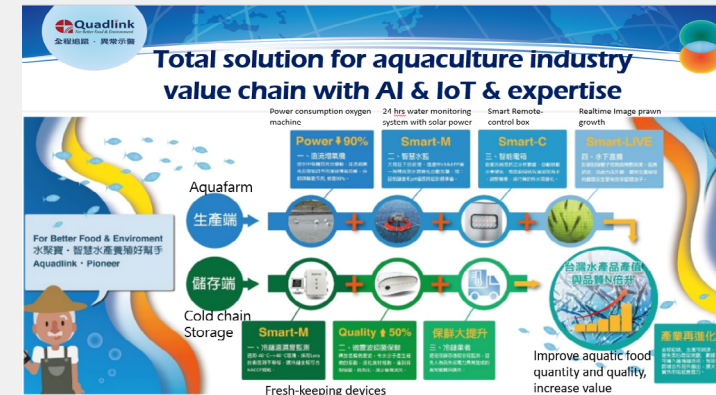
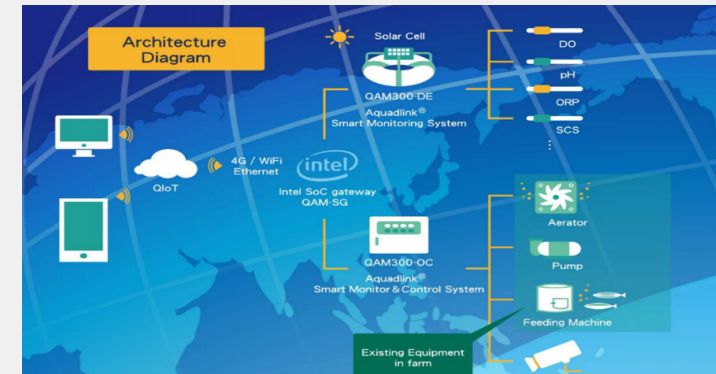
Website <https://www.wowtaiwan.org/company/1719>



QUADLINK TECHNOLOGY, INC

Quadlink Technology Inc., established in 2010, revolutionizes fish farming with IoT, big data, and wireless communication. Our "Aquadlink" system, with solar-powered sensors, monitors water quality every five minutes, providing real-time data to a cloud platform. Farmers can remotely manage ponds, reducing labor and increasing efficiency by 30%. Our solutions also include micro-seismic wave fresh-keeping for cold chain systems, ensuring longer freshness and nutrition. With over 700 systems implemented across Taiwan and Southeast Asia, Quadlink enhances productivity, sustainability, and transparency in aquaculture.

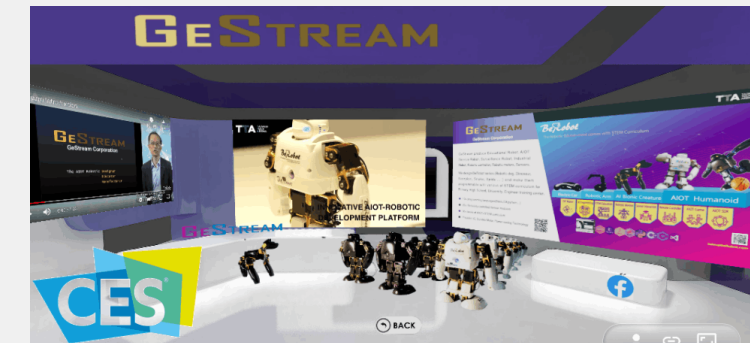
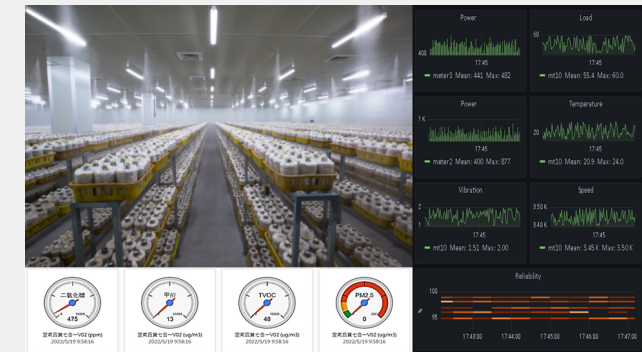
Website <https://www.wowtaiwan.org/company/1721>



GeStream

GeStream designs and manufactures advanced agricultural robots integrating AI, IoT, and sensor technology. Our robots optimize irrigation, automate seeding and weeding, monitor plant and aquaculture environments, and control greenhouse conditions. With 20 years of R&D experience, our team excels in software, firmware, and mechanical design, producing high-performance, cost-effective robots. Our AIoT agricultural robots collect real-time data, enabling farmers to make data-driven decisions, predict crop diseases, and improve efficiency. By automating tasks, we reduce labor and enhance productivity, promoting sustainable farming practices.

Website <https://www.wowtaiwan.org/company/1724>



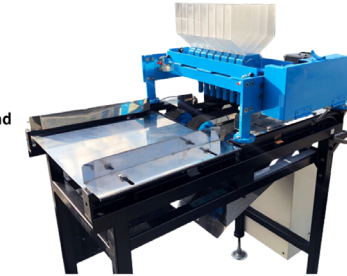
NATURE MAKER AGRICULTURAL BIOTECHNOLOGY CO., LTD.

Nature Maker Agricultural Biotechnology Co., LTD is an innovative leader in agricultural automation technology. We specialize in developing machinery that reduces labor costs and enhances the quality and quantity of agricultural products. Committed to environmental conservation and sustainable agriculture, we aim to revolutionize agricultural production through advanced automation. By integrating cutting-edge technology and fostering global partnerships, we provide high-quality solutions for farmers and consumers, setting a new standard in agricultural efficiency and productivity.

Website <https://www.wowtaiwan.org/company/1758>

Seedling system 育苗播種系統

The manual roller seeding feature on the machine facilitates easy learning and operation, allowing seed sowing without consumables.



contact

Hydroponic vegetable sponge seeder 水耕蔬菜播種機

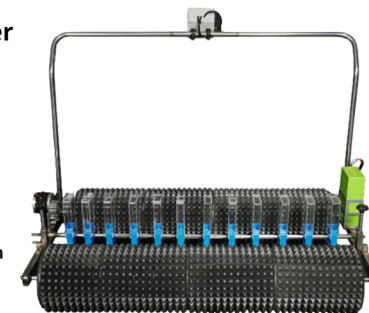
The machine can seed the sponge without vacuuming, offering user-friendly operation without requiring frequent consumables.



contact

Electric Seeder 電動播種機系列

The feature of this machine is that it can sow and fertilize at the same time.



contact



Solution 2



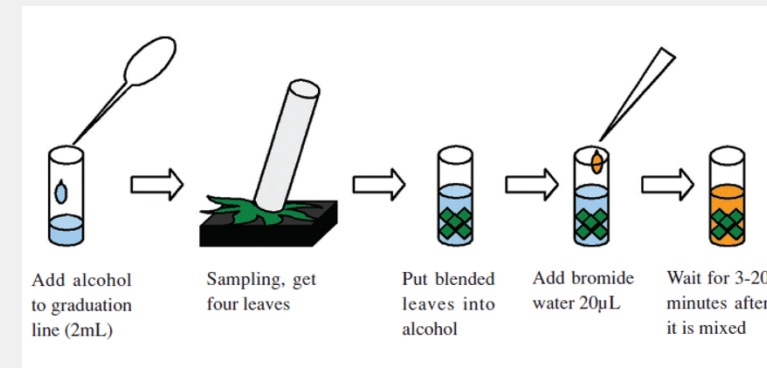
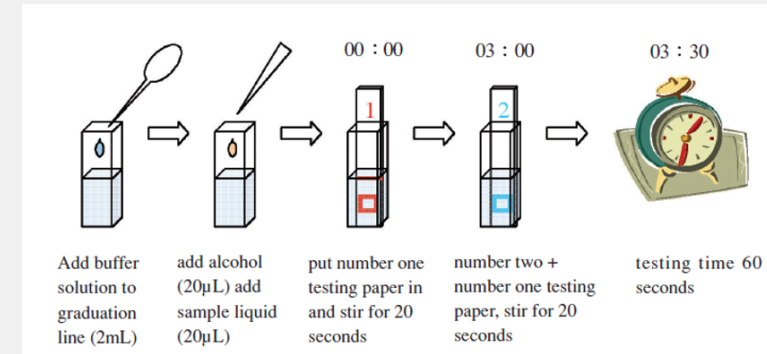
Sustainable Agriculture

By utilizing smart irrigation systems, automated machinery, and precision farming techniques, Taiwan's solutions help conserve water, reduce the use of fertilizers and pesticides, minimize labor costs, and contribute to food security, environmental sustainability, and economic growth.

Metertech Inc.

Metertech Inc. specializes in optical systems for instrument design and manufacturing, serving global customers for over 30 years with ISO certification. We offer portable water test meters and pesticide detection meters, and accept OEM/ODM projects. Our Agripro Enzyme Inhibitor Testing Solution uses Acetylcholine esterase (AChE) to rapidly detect Organophosphorus and Carbamate in fruits and vegetables. The solution includes Accutest strips with AChE enzyme coating and the Accutest meter for quantitative results. This fast, low-cost, and easy-to-operate solution saves users time and money in daily quality control.

Website <https://www.wowtaiwan.org/company/1686>



GenderAqua Biotech CO., LTD.

GenderAqua Biotech CO., LTD. pioneers aqua-cultural juvenile gender control technology, specializing in innovative biotechnology for aquaculture. Our oral administration technique replaces traditional microinjection methods, reducing stress and labor costs while improving farming speed. By increasing male juvenile prawns to over 70%, we shorten farming cycles, enhance feed efficiency, and boost profits by up to 10 times. Our environmentally friendly approach minimizes human hormone use and mitigates disease risks. With strong partnerships in Southeast Asia, we aim to expand globally, promoting sustainable and inclusive aquaculture practices.

Website <https://www.wowtaiwan.org/company/1687>



Charco Science and Research Co., Ltd.

Since 2018, Charco Science and Research Co., Ltd. has developed non-pesticide technologies supported by Taiwan's Agricultural Technology Research Institute, Taiwan Tech Arena, and Ministry of Economic Affairs. Our plant protection formulas for pre- and post-harvesting enhance yields by up to 30% and extend shelf life by 2-3 times. Verified on crops like mango and strawberry, our eco-friendly products suppress fungi and improve peel appearance. By reducing chemical costs by over 10%, we optimize field operations, making produce more competitive and profitable, promoting ESG agriculture domestically and internationally.

Website <https://www.wowtaiwan.org/company/1688>



YenProtek AIoT LTD.

YenProtek AIoT LTD. focuses on outdoor IoT solutions, particularly in smart agriculture and aquaculture. Integrating AI, IoT, and 5G technologies, we collaborate with experts to offer reliable, energy-efficient, low-maintenance, and commercially competitive solutions. Our Farmer Pack Smart Field Monitoring System uses multiple sensors to monitor weather and soil conditions in real-time, updating data to the cloud for remote management. The modular design allows flexible sensor selection, and the system operates continuously on solar energy. It supports remote firmware updates, offline storage, and data sharing via API, enhancing precision agriculture and optimizing resource use.

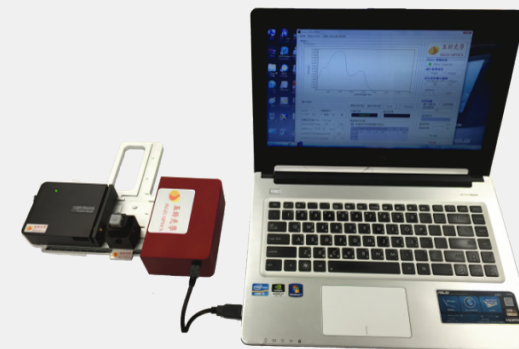
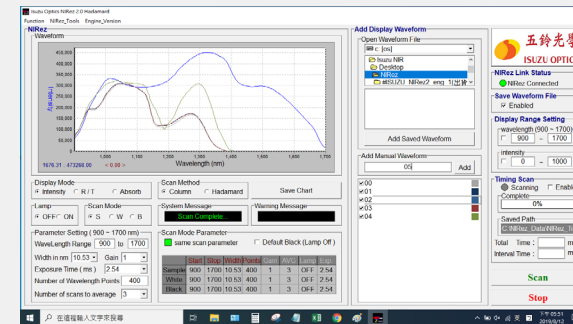
■ Website <https://www.wowtaiwan.org/company/1689>



Isuzu Optics Corp.

Isuzu Optics Corp., established in June 2003 in Taiyuan Science and Technology Park, Taiwan, specializes in display lighting, machine vision, and biomedical markets. Our NIREz spectrometer, covering the 950~1650nm range, offers high precision, non-destructive detection, and easy operation with professional spectral analysis algorithms. Ideal for smart agriculture, it enables precision farming by analyzing crops, soil, and water quality, saving time and costs. The compact, lightweight design ensures easy setup for mobile laboratories. Isuzu Optics provides one-stop services with a commitment to high-quality components, modules, and systems for global customers.

Website <https://www.wowtaiwan.org/company/1690>

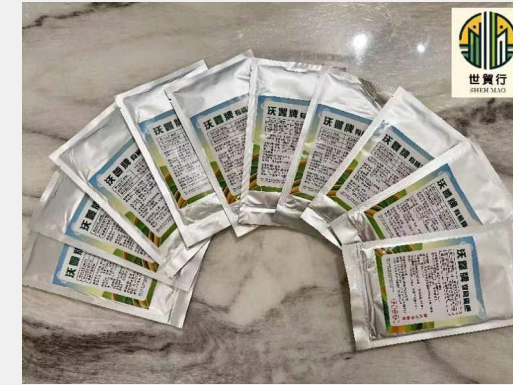




SHEH MAO CO., LTD

SHEH MAO CO., LTD addresses agricultural waste by providing solutions for straw management, achieving 100% straw return and ESG compliance. Our Wofeng brand organic fertilizer and straw returning agent decompose rice waste in just 7 days, reducing CO2 emissions and meeting carbon credit standards. This technology transforms agricultural waste into valuable organic fertilizer, increasing crop growth by 15%-30% and preventing plant diseases. SHEH MAO's products offer the fastest decomposition technology on the market, promoting sustainable agriculture and converting waste into beneficial fertilizer efficiently.

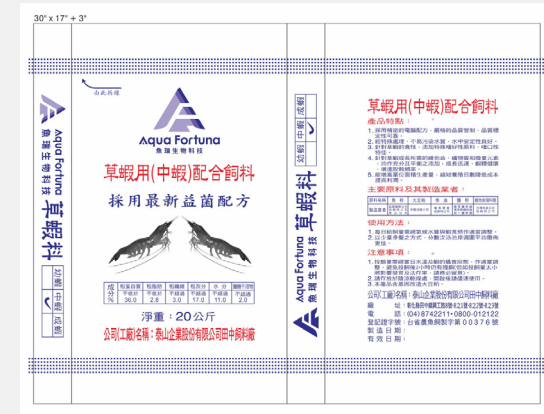
Website <https://www.wowtaiwan.org/company/1691>



Aqua Fortuna Biotech Co., Ltd

Founded in 2021, Aqua Fortuna Biotech Co., Ltd., a spin-off from National Taiwan Ocean University, is committed to eco-friendly aquaculture. We specialize in disease-resistant juveniles, functional probiotics and feeds, and high-quality aquatic products. Utilizing the exclusive lipoplex oral delivery platform (LODP), our customized oral supplements inhibit virus expression without injection, reducing stress and labor while increasing survival rates. We also provide site evaluation, species planning, and disease diagnosis services. Aqua Fortuna aims to lead industrial upgrades, ensuring sustainable fishery practices and creating a win-win scenario for the environment, society, and economy.

Website <https://www.wowtaiwan.org/company/1694>



DING LI SHIN METAL INDUSTRY CO., LTD

Ding Li Shin Metal Industry Co., Ltd. specializes in innovative agricultural solutions with several patents. Our Automatic Canopy system enhances crop quality and reduces costs through climate control and mechanization. It supports high-value crops like tomatoes, bell peppers, and mangoes. Using natural ventilation, it minimizes pesticide use and energy consumption. We're expanding this model to Southeast Asia, targeting Malaysia, Indonesia, Vietnam, and Thailand. Our goal is to promote sustainable farming practices and advanced cultivation techniques, collaborating with local farmers to adapt to regional climates.

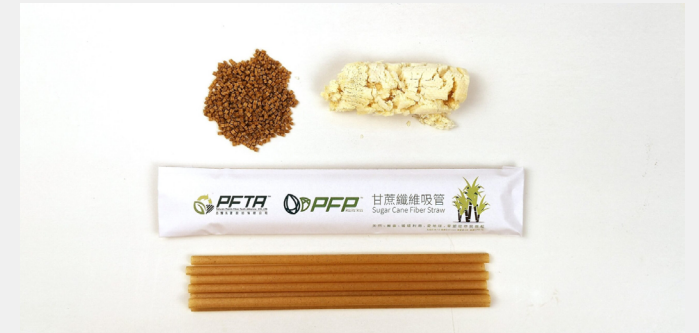
Website <https://www.wowtaiwan.org/company/1699>



Taiwan Plants Fiber Tech Alliance CO.,LTD

Taiwan Plants Fiber Tech Alliance CO., LTD (PFTA Group) utilizes innovative technology to transform natural plant fibers into fully compostable materials. Our PFP series features low-carbon, recyclable, and biodegradable products, including straws made from various fibers like sugarcane, bamboo, and rice husk. These products decompose in soil within 42 to 180 days, enhancing soil fertility. Our straws, certified by North American standards, are PLA-free and home compostable. PFTA leads with sustainable, low-carbon processes, reducing energy consumption and carbon emissions while ensuring a closed-loop recycling system.

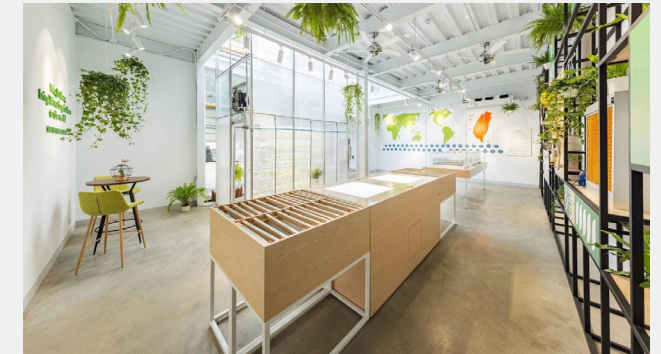
Website <https://www.wowtaiwan.org/company/1755>



Jin Jhan Greenhouse Project Co.,Ltd

Founded in 1993, Jin Jhan Greenhouse Project Co., Ltd. specializes in intelligent greenhouse solutions, covering 4000 square meters. We develop advanced greenhouses for diverse agriculture, utilizing AI and environmental control technology. Our philosophy, "working with nature," drives our innovation in greenhouse structures and irrigation systems. As Taiwan's leading greenhouse brand, we have expanded to 30 countries, serving over 3000 clients globally. Jin Jhan is committed to sustainable and efficient agricultural practices, ensuring resilience against environmental challenges.

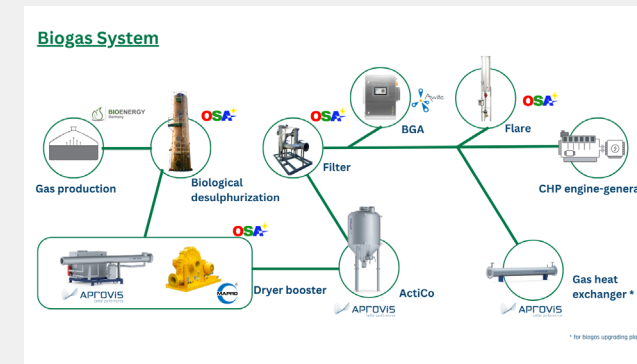
■ Website <https://www.wowtaiwan.org/company/1705>



OSA (Optimization Solutions Asia Engineering Co. Ltd.)

OSA (Optimization Solutions Asia Engineering Co., Ltd.) partners with top teams to provide optimized, sustainable solutions that enhance asset performance and reduce carbon footprints. As a system integrator, we specialize in renewable energy systems, including biogas and geothermal power generation. Our solutions focus on environmental protection, energy savings, and efficiency. We offer biogas enhancement technology, system upgrades, and energy efficiency improvements using Organic Rankine Cycle (ORC) generators for waste heat recovery. OSA delivers reliable, automated, and efficient systems that support a circular economy and optimized investments.

Website <https://www.wowtaiwan.org/company/1712>



Beehive Data Technology

Beehive Data Technology's AgriWeather offers a comprehensive microclimate analysis solution for agriculture. Our solar-powered IoT devices—Field Sensors, Weather Stations, and Time-Lapse Cameras—collect real-time field data, accessible anytime via our cloud platform. AgriWeather provides crop growth predictions, stress alerts, and management optimization strategies. Our system, used by 300 farms in Taiwan and clients worldwide, improves agricultural efficiency and sustainability. With agronomists and data analysts, we deliver customized solutions for specific agricultural issues, transforming farming into a transparent, collaborative, and high-yield practice.

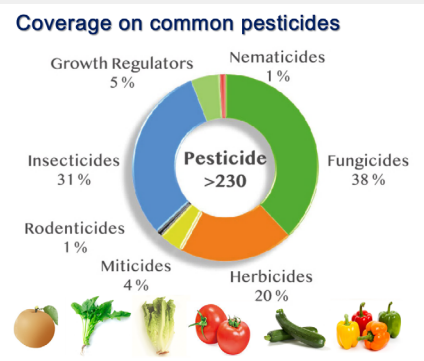
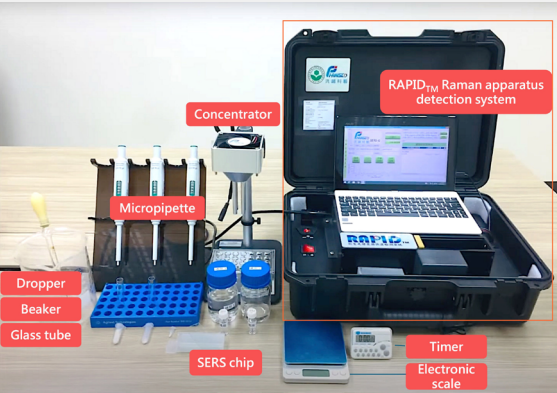
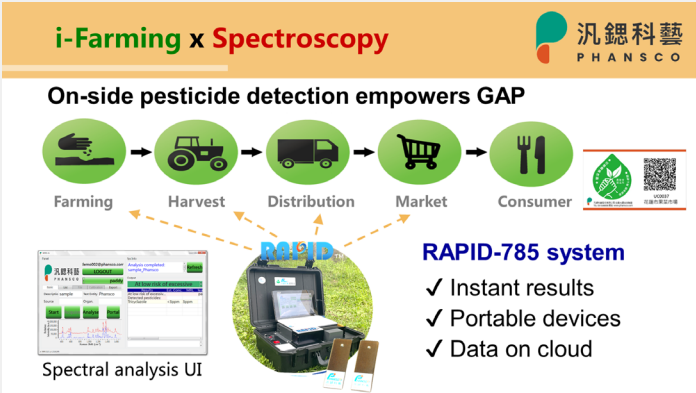
■ Website <https://www.wowtaiwan.org/company/1714>



Phansco Co., LTD.

Phansco Co., LTD. is a deep-tech company specializing in innovative spectroscopic technology for human health and agricultural carbon credits. Our portable Raman Apparatus for Pesticide Detection offers rapid, accurate, and traceable field-side inspections with real-time data output. It provides residue grade inspections from ppm to ppb within 15 minutes, and data is stored on a cloud platform. Our cost-effective solution ensures precise chemical analysis, enhancing food safety. Since 2023, Phansco has been expanding its market presence in South Asia, bringing cutting-edge technology to the global stage.

Website <https://www.wowtaiwan.org/company/1718>





Amber Nanotech Co., Ltd.

Amber Nanotech Co., Ltd. specializes in using advanced nanotechnology to develop health-enhancing products. Our smart agriculture solutions include selenium-rich nano fertilizers, such as Power Se #1-4, which improve crop growth, root development, fruit firmness, and stress tolerance. These fertilizers, developed by our expert team, boost plant nutrition and enhance human health through selenium-enriched crops. Easy to use and long-lasting, our products promote better metabolism, cardiovascular health, thyroid function, skin health, bone strength, and immunity. Amber Nanotech's innovations offer sustainable, health-focused benefits for both agriculture and consumers.

Website <https://www.wowtaiwan.org/company/1725>

POWER Se#3

Boron-Calcium Liquid Fertilizer

Synergistic effects of calcium (Ca), boron (B) and selenium (Se)
Improved fruit crack resistance and firmness
Produced sustainably with eco-friendly materials, while meeting heavy-metal safety standards

- ✔ Strengthened Cell Walls
- ✔ Optimized Reproduction
- ✔ Antioxidant Defense
- ✔ Root Development
- ✔ Improved Nutrient Mobility
- ✔ Enhanced Overall Health



Nutrition in Plants

Liquid fertilizer

- ✔ Safe and non-toxic
- ✔ Increased yield
- ✔ Increased antioxidant capacity
- ✔ Enhanced nutrient-use efficiency



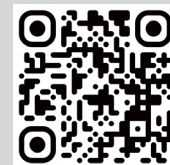




Organizer



Implementer



Ad by TITA