



!TW

GREEN • BUILDING

Wow! Taiwan Project

CONTENTS

02

Introduction

Wow! Taiwan Project / Green Building Solutions

04

Solution 1

High-Efficiency Energy-Saving Building Materials

30

Solution 2

Recycled and Circular Materials

40

Solution 3

Smart Green Systems & Equipments

Wow! Taiwan Project

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.



GREEN BUILDING SOLUTIONS

Promoting sustainable architecture through intelligent resource management. We aim to minimize environmental impact while maximizing the comfort and energy efficiency of modern living spaces.

SOLUTION 1



HIGH-EFFICIENCY ENERGY-SAVING BUILDING MATERIALS

Our materials are designed to optimize thermal insulation and light transmission, significantly reducing the energy required for cooling and heating buildings.



Company Profile

AIM Life Tech CO., LTD. is a pioneering Taiwan company dedicating to self-developed quality-of-life innovations. Combining in-house R&D with market-oriented strategies, we deliver competitive solutions globally.

Core Expertise

AIM Window Solar Film utilizes advanced multi-layer optical coating technology. It effectively blocks solar heat and infrared radiation while maintaining high visible light transmission for cooler, brighter interiors.

Energy Efficiency & Indoor Comfort Optimization

By stabilizing temperatures, this film reduces air-conditioning reliance and operational electricity costs. It offers 99% UV protection and glare reduction to enhance comfort in sustainable buildings.

Thermal Insulation

Energy-Efficient Buildings

Light Optimization

AFTER

BEFORE



Company Profile

City Green Eco Materials Co., Ltd. leverages polymer technology to transform recycled rubber into advanced floor acoustic mats, empowering eco-conscious developers worldwide to enhance indoor comfort and achieve ESG excellence.

Core Expertise

Our continuous automation technology and patented Helix inside™ spiral structures create a dense cross-matrix that traps vibrational energy, delivering an exceptional 17dB–26dB noise reduction exceeding international building codes.

Circular Economy & Green Certification

Utilizing 90% sustainably sourced recycled rubber, non-toxic OBSIDIAN underlays eliminate landfill waste while actively empowering modern architectures to secure prestigious global green certifications like LEED, WELL, and TREES.

Thermal Insulation

Energy-Efficient Buildings

Light Optimization



Company Profile

Established in 1999 under CTCL Group, Taiwan's leading ECOVE Environment Corp. operates globally, combining engineering expertise and technology-driven circularity to deliver scalable infrastructure investments, operations, and environmental services.

Core Expertise

Through precise dismantling, separation, and particle screening of end-of-life solar modules, ECOVE successfully transforms decommissioned glass into high-purity, reusable industrial feedstock, driving advanced electronic waste circularity.

Circular Material Innovation & Resource Reuse

Armed with 65 global patents, our recycled glass solution eliminates end-of-life solar waste, transforming recovered fractions into eco-friendly raw materials for engineered quartz products and sustainable, circular architectures.

Thermal Insulation

Energy-Efficient Buildings

Light Optimization





Company Profile

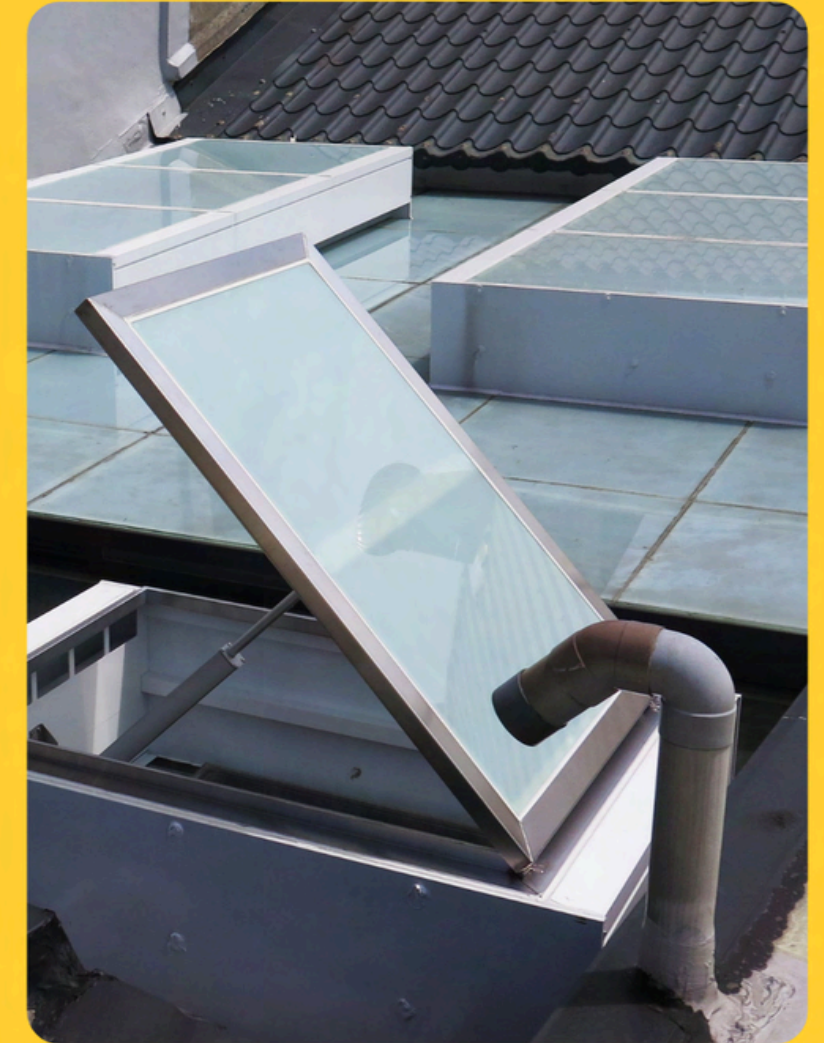
Since 2015, First Metal Products Industrial has pioneered multi-national patented skylights. Delivering certified low-carbon architectural solutions, we optimize natural lighting and ventilation to help global developers drastically reduce carbon footprints.

Core Expertise

Engineering global-patented, modularized skylights, our unique anti-condensation and absolute leak-proof design enables rapid on-site installation while ensuring a maintenance-free lifespan that perfectly matches the building itself.

Eco-Efficiency & Wellness

Certified low-carbon, these skylights combine natural daylighting and passive cross-ventilation. They slash HVAC and lighting energy costs while significantly elevating indoor air quality within sustainable, green-certified architectures.

Thermal Insulation**Energy-Efficient Buildings****Light Optimization**

Company Profile

Pioneering Edge AI smart building technologies, Godspeed IT Service integrates serverless architectures and mobile wallets to modernize commercial operations, delivering highly secure, energy-efficient access and visitor management ecosystems worldwide.

Core Expertise

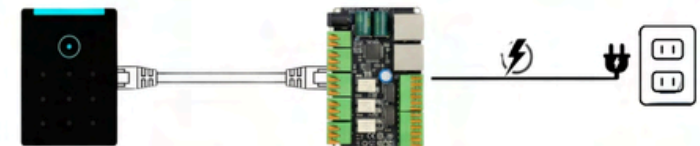
Tapping serverless, edge-first architectures, we process access verification locally to eliminate cloud outages. We secure real-time, cardless digital credentials via Apple/Google Wallet, QR codes, and BLE.

Green Retrofit & Smart Efficiency

The PoE-based NUI system slashes heavy wiring materials and installation costs. It stands as the ultimate, eco-friendly solution for low-carbon retrofits and resource-saving operations within modern smart architectures.

Thermal Insulation**Energy-Efficient Buildings****Light Optimization****NO PC REQUIRED**

PLUG AND PLAY, NO WIRING



Company Profile

Golden Artisan Technology Industrial develops premium aluminum window systems. Bridging craftsmanship with future energy, we integrate BIPV technology to transform standard architecture into smart, energy-generating, and low-carbon structures.

Core Expertise

Featuring in-house aluminum extrusion R&D, our systems achieved a record-breaking 2000 Pa watertightness in TAF-certified labs, outperforming major international brands in severe weather endurance for luxury architectures.

Next-Gen BIPV Collaboration

Partnered with TPSC, our flagship AIZ windows combine aesthetic light transmission with facade power generation. Integrated with AIM thermal insulation technology, it effectively reduces indoor temperatures by 3°C–5°C.

Thermal Insulation

Energy-Efficient Buildings

Light Optimization





Company Profile

With 20 years of manufacturing expertise in solar panel, Googol Company supplies major US retail chains with premium standard, customized, flexible, and foldable solar panels, empowering global developers with efficient, decentralized clean energy.

Core Expertise

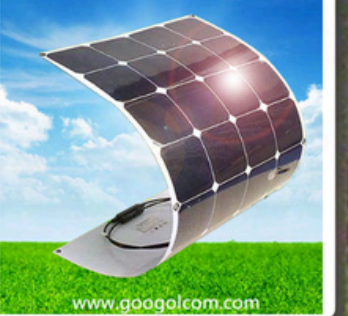
Our solar panel ranges from 0.2W-200W standard/customized panels to 120W-480W flexible and 10W-400W foldable solar panels. Googol Company is the only one manufacturer in Taiwan who make flexible solar panel and custom/mini solar panels. Customized solar panels can be used for IoT industries where we can make solar panel in any size and any wattage to match the power need of clients' outdoor devices.

On-Site Renewable Energy & Structural Flexibility

Engineered for vertical walls and weak roofs, our lightweight flexible panels add zero architectural burdens. Additional benefits of flexible solar panel is quick and easy installation, no mounting rack is needed, save time and installation cost. Only 1/5 the weight of glass solar panel, with same life span of 20 years.

Thermal Insulation**Energy-Efficient Buildings****Light Optimization**

Flexible Solar Panel

客製化太陽能板
Customized solar panels



Company Profile

Founded in 1989, ISO-certified Plimates holds a 60% market share in Taiwan. Specializing in eco-friendly, carbon-verified waterproofing, we empower premium global tech facilities to build durable, solvent-free, and leak-proof architectures.

Core Expertise

Plimates' high-performance, water-based polymer technology—including high-elongation AquaPU and seamless wet-to-wet applications—eliminates toxic solvent odors while drastically reducing structural failure risks with fiber-reinforced formulas.

Green Architecture & Multi-Protection

Holding ISO 14064-1 carbon certification, Plimates' flagship P-999 series delivers a revolutionary 4-in-1 synergy—integrating waterproofing, insulation, energy saving, and noise reduction to optimize green building HVAC efficiency.

**Thermal Insulation****Energy-Efficient Buildings****Light Optimization**

Company Profile

Influence Technology Co., Ltd. pioneers green energy innovations, providing high-efficiency inverters, ESS, BIPV, and Smart Solar Cleaning Systems (iSPC). Through intelligent design, we integrate sustainable energy into building infrastructures to maximize global solar potential.

Core Expertise

The iSPC is an AI-powered autonomous solar cleaning system featuring smart soiling recognition. Utilizing image analysis, it targets contaminants with precision scrubbing to optimize light transmittance and prevent hot-spot effects.

Optimized Resources, Sustainable Growth

Engineered for water-stressed regions, this intelligent system automatically adjusts water flow based on soiling severity, maximizing cleaning efficiency while eliminating resource waste in sustainable building operations.





Corporate Strength

Backed by over 30 academic publications and 15 patents, SHAN-CING features strong interdisciplinary R&D credibility, international design awards, and rigorous third-party market validation.

Core Expertise

Advanced proficiency in proprietary multilayer thin-film structures and optoelectronic design, enabling precise spectral light management that blocks solar heat while maintaining optimal natural daylight.

Product Excellence & Market Fit

The revolutionary GOOPV energy glass dual-acts as a thermal insulator and a power generator, drastically reducing indoor cooling loads while generating on-site clean electricity for commercial facades and skylights.

Thermal Insulation

Energy-Efficient Buildings

Light Optimization





Company Profile

Taiwan Perovskite Solar Corp. (TPSC) pioneers third-generation PV technology to accelerate zero-carbon buildings. By mastering large-area perovskite production, we redefine urban landscapes, providing developers with high-efficiency, aesthetically versatile, and seamless BIPV solutions.

Core Expertise

TPSC offers a one-stop platform integrating proprietary formulas, precision coating, and laser patterning, breaking manufacturing bottlenecks to successfully produce flexible and rigid A4-sized perovskite modules.

BIPV Innovation & Urban Solution

With high low-light efficiency and customizable transparency, TPSC's "Windows ZERO" transforms glass curtains into micro-power plants, unlocking vertical energy generation beyond traditional rooftop solar capabilities.

Thermal Insulation

Energy-Efficient Buildings

Light Optimization



Company Profile

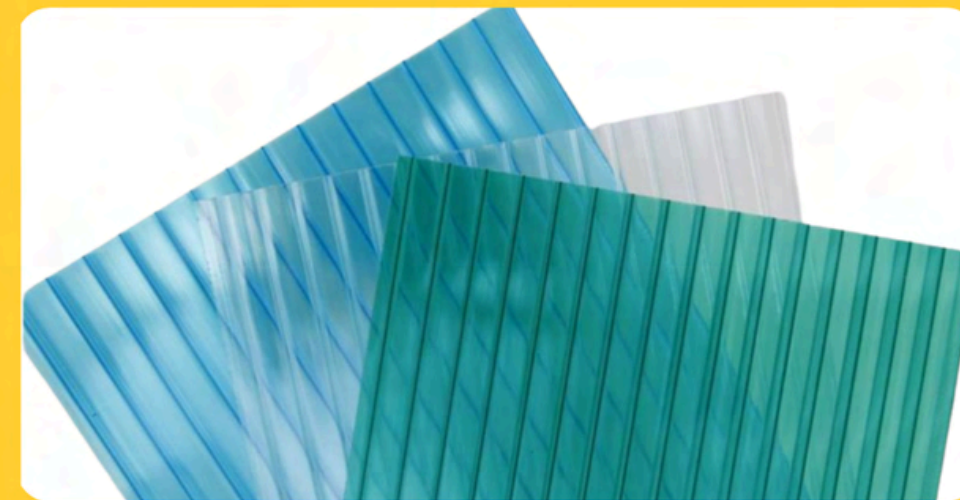
Patented in 40+ countries and trusted by global premium hotels, Zirco's UPlus brand delivers high-performance architectural energy-saving materials and solutions, providing global urban developers with tailored solutions for sustainable infrastructure development.

Core Expertise

Uplus TheOne solar films utilize millions of nano-ceramic particles to absorb over 90% of infrared heat while maintaining exceptional optical clarity. In addition, our energy-efficient glazing solutions provide enhanced solar control, thermal insulation, and long-term energy savings for commercial and residential buildings.

Certified Low-Carbon & High-Efficiency Savings

Holding SGBC's "Excellent" grade, our solar film annually offsets 7.3M kg of CO₂ while saving 14.6M kWh of electricity, successfully defending indoor showpieces from devastating UV damage.





SOLUTION 2

RECYCLED AND CIRCULAR MATERIALS

By prioritizing the use of upcycled and sustainable resources, we support a circular economy that reduces waste and lowers the carbon footprint of the construction industry.



Company Profile :

Global Green Material Co., Ltd. is a premier provider of high-quality Post-Consumer Recycled (PCR) plastics. Backed by world-class granulation technology and a certified supply alliance, we deliver stable, premium resins, empowering global B2B clients to reduce carbon footprints and achieve circular economy goals.

Core Expertise:

Equipped with a professional lab and PLC-controlled automatic pelletizers, delivering exceptional stability in compounding, precise color-matching, and comprehensive testing reports for custom sustainable materials.

Eco-Efficiency & Solutions:

Features high-efficiency wastewater recycling systems for true low-carbon production, while offering expert green material import consultation to help international clients maximize recycled plastic utilization smoothly.

Circular Economy

Upcycled Resources

Carbon Reduction



Company Profile

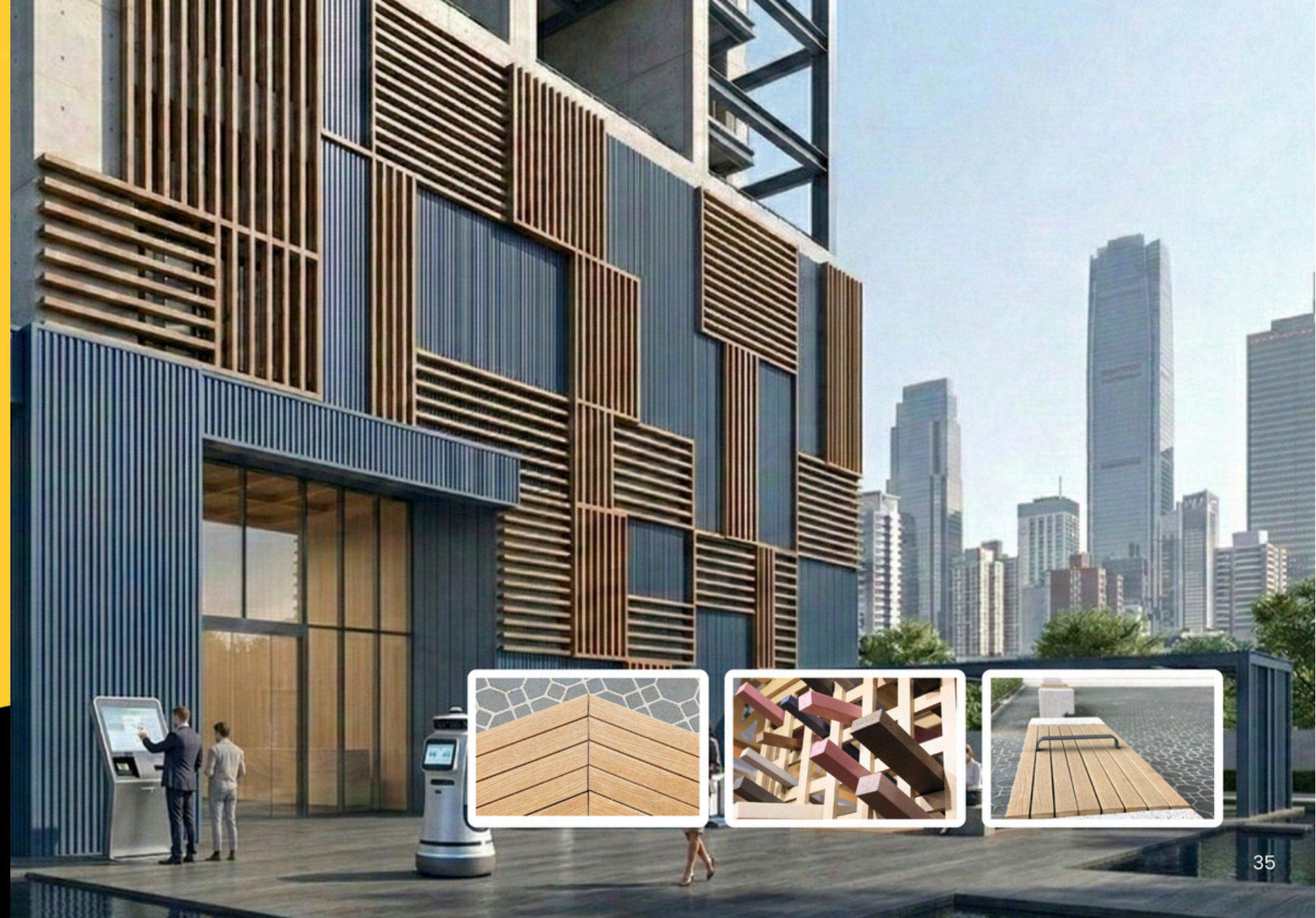
Founded in 1975, Inm Bem Industrial (IBI) leverages advanced material expertise to engineer sustainable architecture. Its pioneering brand, SenSenWood, delivers 100% recyclable, zero-emission, and low-carbon green building materials, empowering global developers to eliminate deforestation and achieve net-zero carbon goals flawlessly.

Core Expertise

SenSenWood's vertical formula integration uses 100% eco-plastics and proprietary "zero wood powder" technology, guaranteeing stable mechanical properties and complete circular recycling without external compounding.

Eco-Performance & Customization

Fiber-free SenSenWood guarantees 100% moisture-proof, rot-resistant, and weatherproof products. We offer versatile specifications—including flooring, grilles, and columns—with tailored colors and lengths.

Circular Economy**Upcycled Resources****Carbon Reduction**



Company Profile

Founded in 2012 under Nam Liong Group, Oriental Green Energy Technology manufactures premium eco-friendly building materials, delivering high-performance green solutions to drive a sustainable, pollution-free future.

Core Expertise

Fiber-free Cero Wood utilizes advanced micro-foaming for ultimate durability. This 100% recyclable, high-performance material resists UV, weathering, water, and chemicals, excelling in the harshest environments.

Thermal Insulation & Material Circularity

Engineered for tropical architecture, internal micro-foaming bubbles enable smart energy saving. This material supports a true circular economy, utilizing recycled inputs to minimize project carbon footprints.

Circular Economy**Upcycled Resources****Carbon Reduction**

Company Profile

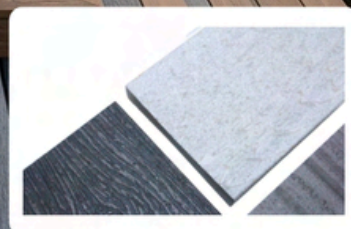
THE REBORNE CO., LTD. drives cross-sector B2B collaborations to manage marine debris. Utilizing certified waste recycling as a sustainable procurement alternative, we empower governments and businesses to eliminate waste across public works and architectural applications.

Core Expertise

Utilizing specialized hot-pressing, REBORNE transforms common ocean pollutants into durable structural sheets. These recycled panels turn marine debris into high-performance feedstock for sustainable architecture.

Circular Material Innovation & Weather Resilience

This B2B solution offers alternative green materials with high weather, corrosion, and moisture resistance, protecting marine ecosystems while delivering long-term structural stability in harsh conditions.

Circular Economy**Upcycled Resources****Carbon Reduction**

SOLUTION 3



SMART GREEN SYSTEMS & EQUIPMENTS

We integrate automated controls for lighting, HVAC, and water usage. These intelligent systems adapt to environmental changes in real-time to ensure optimal resource conservation.



Company Profile

Ardomus Networks Corporation, a ZYXEL Group member, specializes in intelligent building energy optimization. Transforming modern properties into data-driven ecosystems, we empower global enterprises to achieve measurable carbon reduction and ESG compliance.

Core Expertise

Our patented Hybrid IoT tech unifies wired (KNX/DALI/Modbus) and wireless (Wi-SUN/Zigbee/BLE) protocols. This cross-brand platform enables seamless interoperability and local edge automation without complex, traditional programming.

Green Retrofit & Energy Saving

Engineered for eco-retrofits, our hybrid architecture reduces cabling costs by 30%. Combining lighting and HVAC into a smart EMS, it dynamically eliminates energy waste, driving modern structures toward Net Zero.

Automated Controls

Real-Time Adaptation

Optimal Resource Conservation



Company Profile

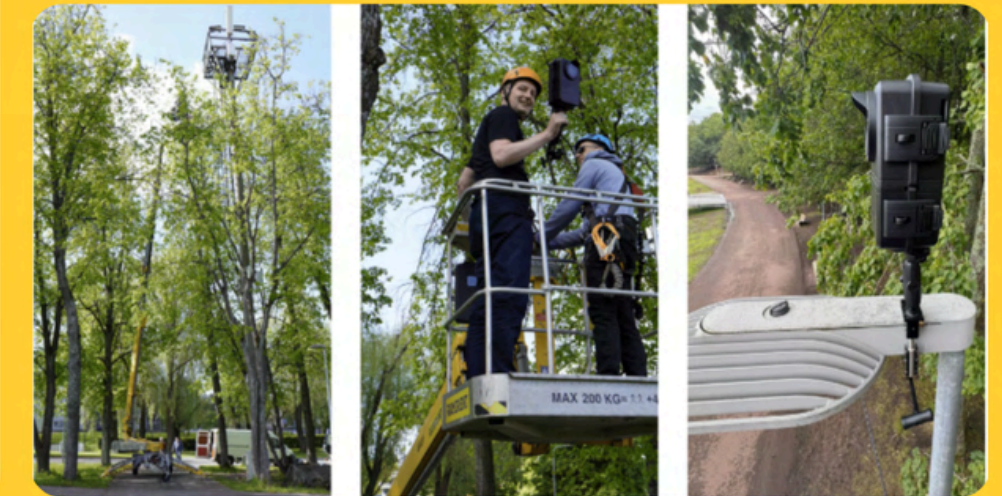
Brinno Inc. (est. 2003) combines extensive design expertise with proprietary power-saving technologies to deliver world-class time-lapse hardware, empowering global construction and security industries with trusted, business-smart solutions.

Core Expertise

Powered by SONY STARVIS 2 and HDR, our IP65-rated BCC5000 4K Construction Bundle delivers flawless low-light imagery and an incredible 200-day battery life, built for harsh outdoor endurance.

Remote Project Monitoring & Operational Efficiency

This cloud-connected time-lapse solution features Wi-Fi and BLE to enable remote 4K monitoring from anywhere. It streamlines multi-site project oversight, eliminating the need for costly, constant on-site presence.

Automated Controls**Real-Time Adaptation****Optimal Resource Conservation**

Company Profile/Your Equipment Partner for a Zero-Carbon Future

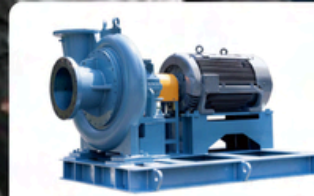
Leveraging nearly 50 years of rich experience in one-stop design, manufacturing, and service, Taiwan's Cutes Corp. delivers ISO 9001-certified vacuum systems, high-efficiency drive solutions, and fluid machinery. Dedicated to empowering the global green transition, we provide highly sustainable, low-carbon equipment and tailor-made solutions for engineering clients and global industries within the Green Building and Clean Energy sectors.

Core Expertise/Engineered for Advanced Fluid Control

Cutes' highly customizable and flexible smart mechatronics seamlessly integrate centrifugal blowers—co-developed with the Industrial Technology Research Institute (ITRI)—with high-efficiency motors imported from Europe. These ISO 9001-compliant systems dynamically adjust to real-time loads. In clean energy processes and smart building applications, they ensure ultra-stable, low-vibration fluid output and continuous airflow, minimizing energy loss.

Green Facility O&M & Circular Economy/Advancing ESG and Green Building Metrics

Fully supporting IE4/IE5 ultra-high efficiency standards, our systems optimize fluid transmission and water aeration while drastically slashing power consumption, directly assisting clients in achieving Net-Zero targets and green building certifications. Furthermore, our specialized retrofit and remanufacturing services significantly extend equipment lifespans, effectively lowering the Total Cost of Ownership (TCO) and overall operational carbon footprint across the lifecycle of buildings and energy facilities.

Automated Controls**Real-Time Adaptation****Optimal Resource Conservation**



Company Profile

Our company was founded in 1975 and has been deeply involved in the field of industrial automation for more than ten years. In 2020, it was renamed "Daudin Co., Ltd." and is committed to developing intelligent manufacturing, low carbon production, energy saving optimization and digital transformation solutions.

Core Expertise

Our main products include ESG visualization systems, remote I/O, industrial PCs (IPCs), industrial relays, and signal conversion modules. Based on the connectivity of the Industrial Internet of Things (IIoT), we leverage the advantages of distributed control, edge computing, data acquisition, secure storage, and smart monitoring to help enterprises easily upgrade equipment automation and energy management, thereby comprehensively improving sustainability.

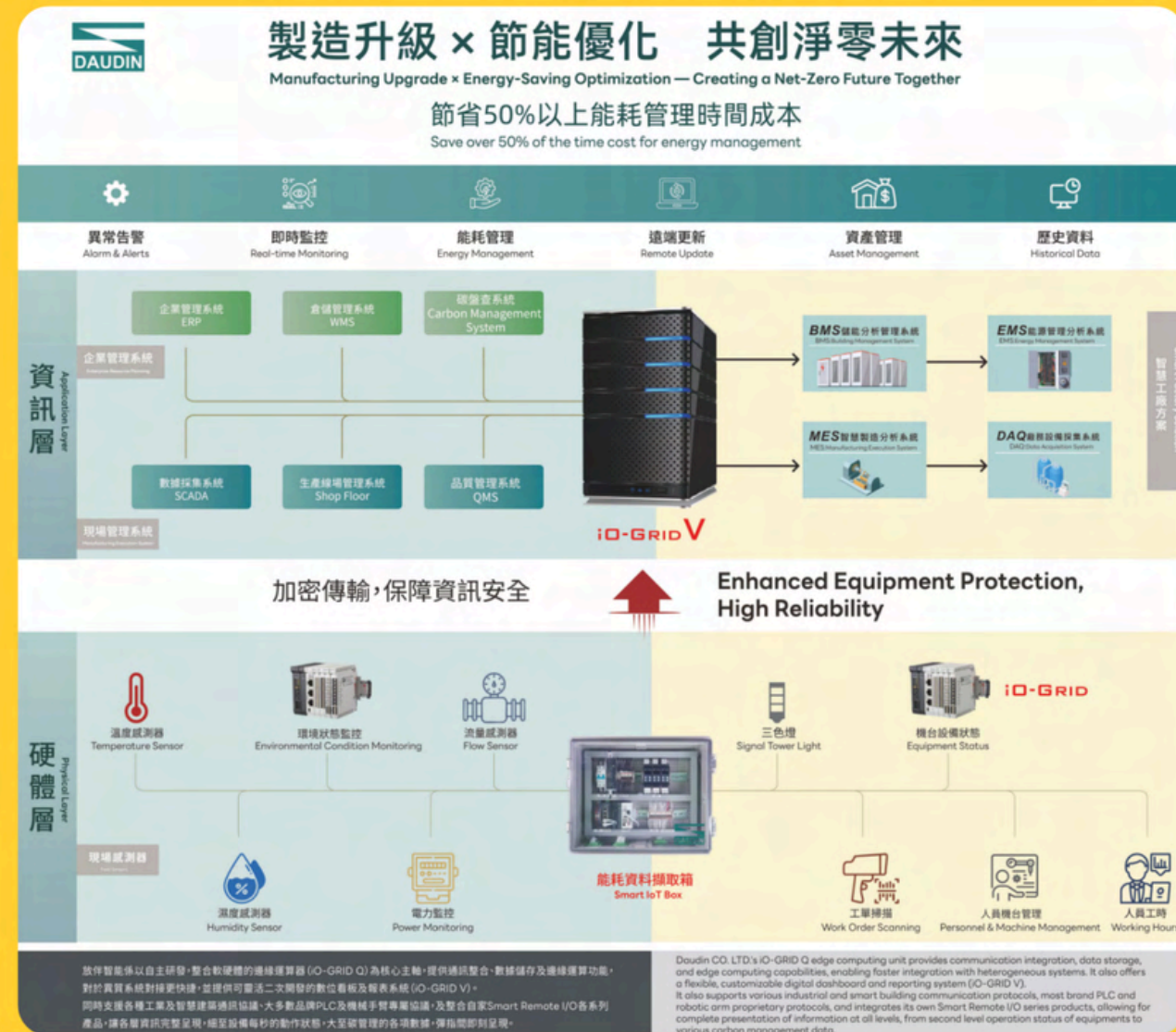
Water Circularity & Resource Saving

Through seamless integration with water system infrastructure, our distributed control technology eliminates costly long-distance rewiring, successfully saving more than 40% on cabling and labor costs for water resource management in sustainable facilities.

Automated Controls

Real-Time Adaptation

Optimal Resource Conservation



Company Profile

ekoXense is an AIoT energy management company helping commercial buildings reduce energy waste, improve equipment reliability, and support ESG and net-zero goals through real-time sensing and AI-driven optimization.

Core Expertise

ekoXense integrates AIoT monitoring, EMS energy management, Edge AI, and predictive maintenance into one platform, enabling facility teams to gain energy visibility and make faster data-driven decisions without disrupting operations.

HVAC Optimization

ekoXense uses real-time energy, occupancy, and weather data to identify overcooling, monitor HVAC performance, and support dynamic cooling adjustment for better efficiency, comfort, and operational stability.

Automated Controls

Real-Time Adaptation

Optimal Resource Conservation



Company Profile

Founded in 1980 and listed in Taiwan, Everspring Industry leads building automation and residential security. Backed by 40+ years of expertise and 100 patents, we deliver powerful, value-driver smart control solutions globally.

Core Expertise

Featuring advanced DDCs and expansion I/O modules, our automation core integrates DI/DO sensing and wireless smart plugs under an ESCADA platform, delivering zero-latency system visualization and performance analytics.

Intelligent Control & Building Energy Saving

This intelligent controller acts as a green building's brain, executing real-time automation and security logic. Powered by data-driven analytics, it minimizes resource waste while significantly maximizing long-term energy efficiency.

Automated Controls

Real-Time Adaptation

Optimal Resource Conservation





Company Profile

LEve Bio Green Energy Technology Co., Ltd. specializes in energy digitalization. Deploying our integrated FloTEMMIS platform via IIoT architectures, we transform complex operational data into measurable, auditable sustainability performance aligned with international frameworks.

Core Expertise

Our FloTEMMIS platform provides automated, continuous monitoring by integrating hardware gateways with cloud analytics. Collecting real-time data from power meters and HVACs, it converts raw energy into traceable carbon indicators.

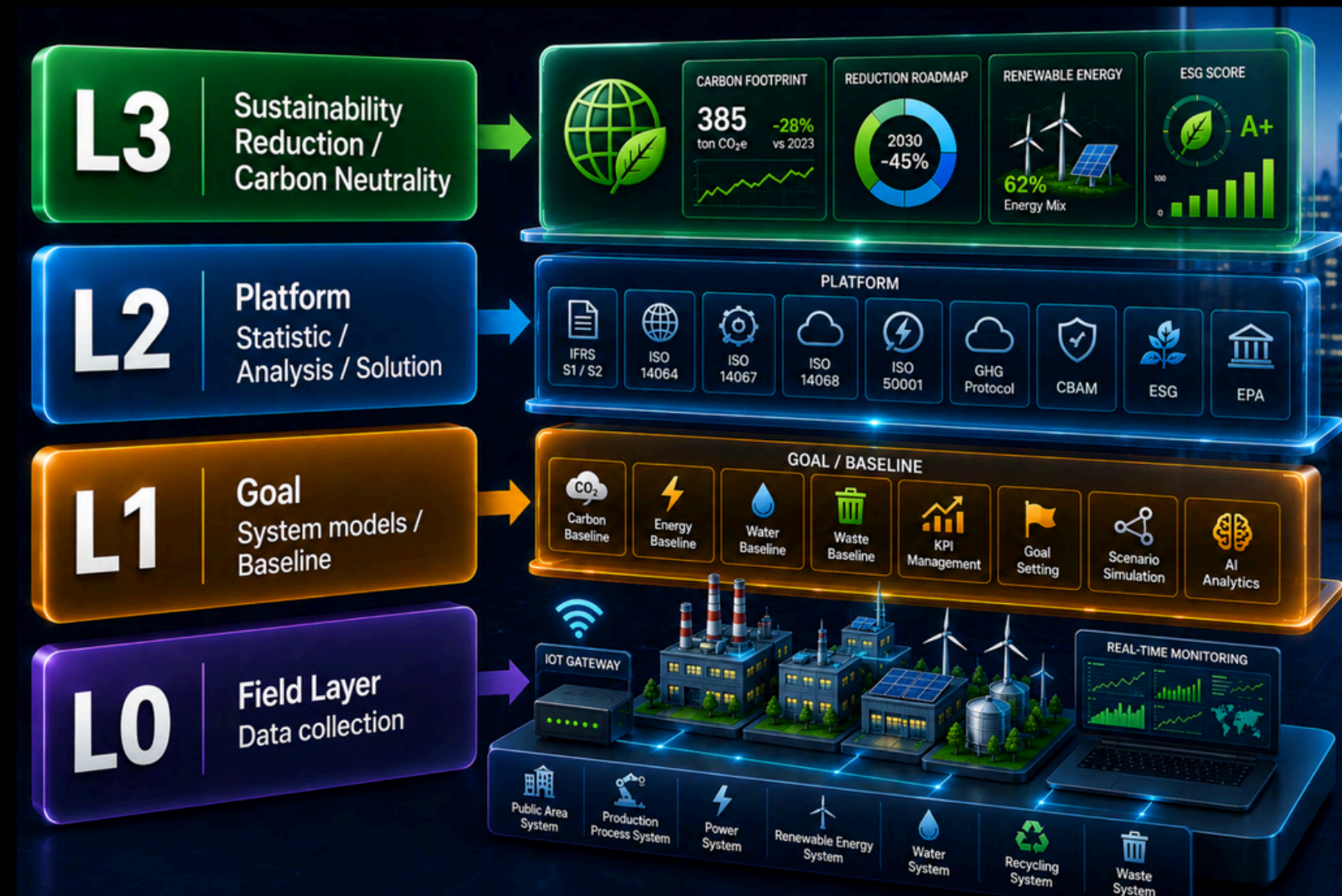
Global Green Benchmarks & Verified Energy Savings

Engineered on ISO methodologies, this system serves as the digital foundation for green building monitoring and ISO 50001 implementation, replacing manual collection with continuous, audit-ready tracking to satisfy global compliance.

Automated Controls

Real-Time Adaptation

Optimal Resource Conservation





Company Profile

Founded in 2004, Nagaoka Machinery is Taiwan's largest elevator traction leader with a 45% market share. We deliver globally deployed, custom-engineered energy recovery solutions to accelerate net-zero architecture transformation worldwide.

Core Expertise

Our advanced storage-type energy recovery technology utilizes high-density supercapacitors. This non-grid-returning design eliminates harmonic distortion risks and component wear, delivering maintenance-free, long-term charge-discharge cycling superior to traditional batteries.

Green building scoring and retrofit

Offering universal-fit, two-wire installation without structural modification. Our system can reduce elevator energy consumption by 20% to 30%, actively upgrading architectural ratings and maximizing global LEED and domestic EEWB green scores.

Automated Controls**Real-Time Adaptation****Optimal Resource Conservation**



Company Profile

Pojiali Health Technology is a Taiwan-based provider of sustainable water management solutions. Through the Molong brand, we deliver innovative membrane-based systems that support water reuse, environmental compliance, and green building development across Southeast Asia.

Core Expertise

Molong integrates advanced membrane filtration, automation, and modular engineering into compact containerized systems. Our solutions enable efficient wastewater treatment, water recycling, and decentralized water supply for industrial, residential, and agricultural applications.

Rapid Deployment & Compliant Water Treatment

The pre-assembled containerized design minimizes on-site construction, shortens project implementation, and reduces land requirements. Molong systems help customers achieve reliable water treatment performance while meeting environmental and sustainability standards.

Automated Controls**Real-Time Adaptation****Optimal Resource Conservation**



Company Profile

Pioneering AI and digital twin solutions, Shipeng Technology integrates BIM and AIoT to modernize construction. We drive digital transformation across building lifecycles, ensuring maximum long-term operational efficiency and sustainable performance globally.

Core Expertise

Our citiunsight360 platform features BIM-to-Twin modeling, AI Copilot for compliance checks, and robot-dog inspections, enabling real-time AIoT sensor integration for precise, zero-latency asset tracking.

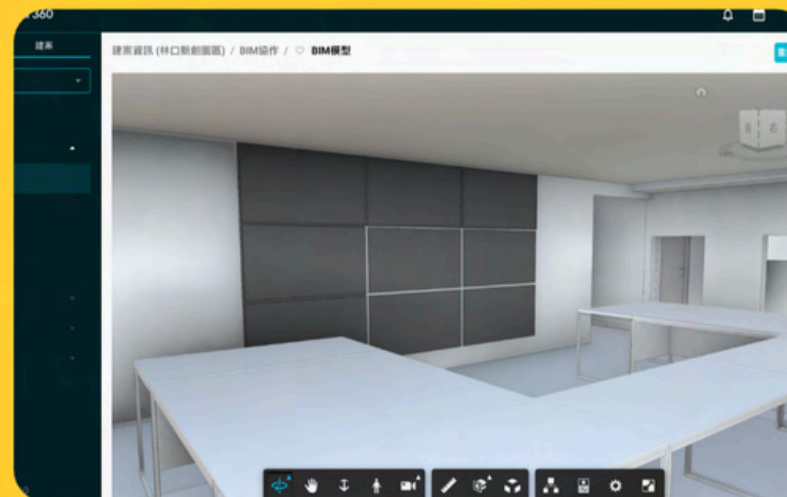
Lifecycle ESG & Waste Reduction

By optimizing clash detection, our platform eliminates material waste from on-site rework. Its automated twin alignment enables rigorous ESG and EHS audits, successfully minimizing building lifecycle carbon footprints.

Automated Controls

Real-Time Adaptation

Optimal Resource Conservation



● 維運保固 100%

功能 建案資訊

林口新創園區



Company profile

AI-Driven Infrastructure Technology

SMANEX Co., Ltd. is a pioneer in next-generation AIoT edge intelligence and industrial communication. We bridge physical operational technology (OT) with secure IT cloud platforms, delivering hyper-efficient solutions across energy, smart commerce, and green building sectors to accelerate sustainable digital transformation.

Core Expertise

Software-Defined Edge Intelligence

Powered by our proprietary SDRMS (Software-Defined Remote Management System) and low-code edge computing, SMANEX empowers seamless protocol interoperability. We transform standard field hardware into an autonomous, real-time data powerhouse with absolute zero-touch deployment.

Industrial-Grade Infrastructure

Climate-Resilient & Eco-Friendly Connectivity

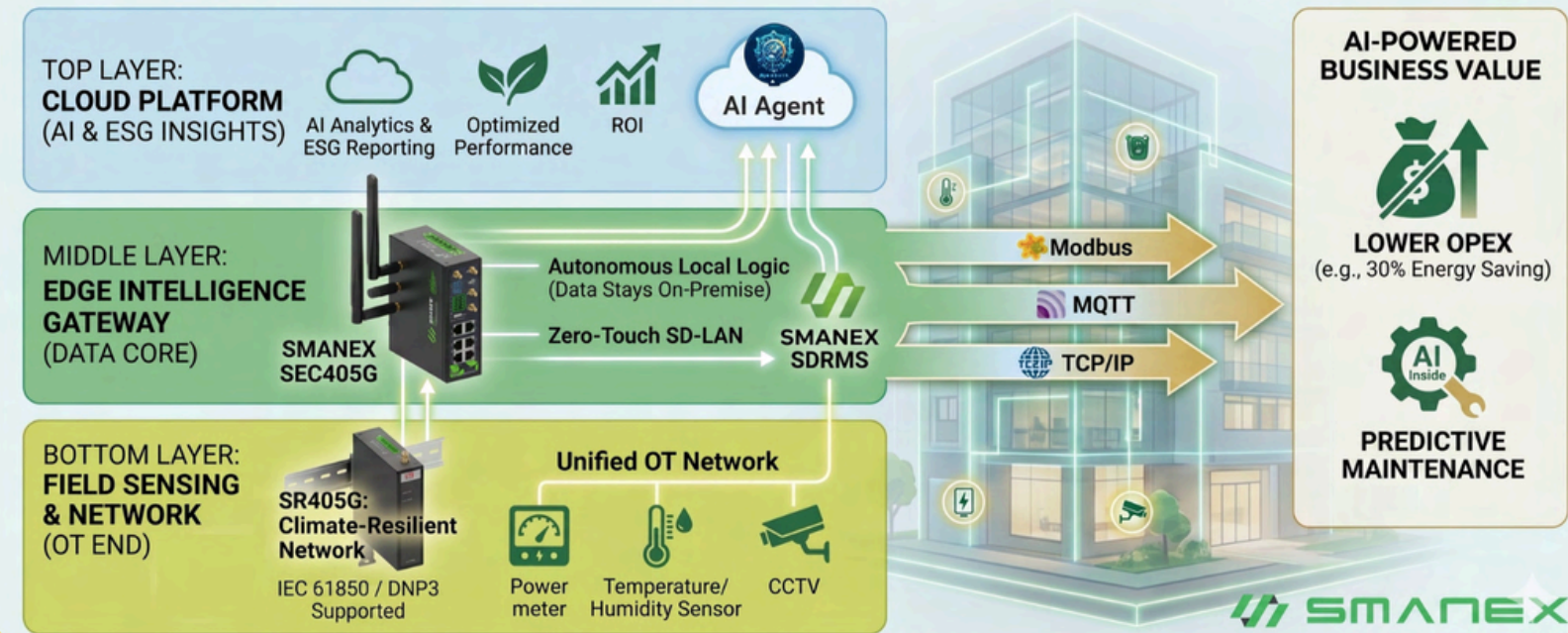
Engineered to operate flawlessly from -40C to +75C in harsh environments, our resilient IP30 network solutions feature Dual-SIM smart redundancy. It unlocks secure, real-time energy monitoring for dispersed solar PV, energy storage systems (ESS), and green commerce, slashing operational TCO.

Automated Controls

Real-Time Adaptation

Optimal Resource Conservation

SMANEX SMART BUILDING: AIoT POWERED, SIMPLIFIED.



Company Profile

A Philips and Osram-trusted manufacturer since 2006, Soaring Lighting Co., Ltd. delivers high-efficiency outdoor LED systems, providing global sustainable infrastructures with top-tier, custom-engineered optical and thermal engineering solutions.

Core Expertise

Integrating premium Lumileds chips and Mean Well drivers, our robust, industrial-grade street lights deliver superior thermal and optical performance, ensuring extended lifespans and reliability across harsh outdoor environments.

Eco-Efficiency & Smart Infrastructure

Exceeding 170 lm/W in system efficacy to drastically cut energy costs, our NEMA-equipped smart street lights unlock seamless IoT integration, enabling secure, real-time remote dimming and automated scheduling.

Automated Controls

Real-Time Adaptation

Optimal Resource Conservation





Company Profile

Stellar Green Co., Ltd. develops innovative green energy systems, including solar, wind, and micro-hydropower. Backed by proprietary patents, we combine technological innovation with ESG carbon sequestration to deliver reliable, high-output renewable energy.

Core Expertise

Featuring vertical multi-layer stacking and active single/dual-axis tracking, this innovative solar system keeps modules facing the sun, boosting power generation by an incredible 25% to over 30%.

Spatial Optimization & High-Yield Renewable Energy

Multiplying solar output through vertical layer stacking, our system maximizes power per unit area, offering the ultimate space-efficient solution to boost green electricity within highly limited structural footprints.

Automated Controls**Real-Time Adaptation****Optimal Resource Conservation**

Company Profile

A world-class motor and thermal leader since 1980, SUNON delivers advanced cooling and ventilation solutions. Trusted by top-tier brands, we empower modern green buildings to optimize climate control and accelerate sustainability.

Core Expertise

Our HVLS Fan Series 10 features a 90%+ efficient gearless BLDC motor and a patented Weldless Unibody Yoke structure, delivering massive, uniform ventilation with zero-lubrication maintenance and maximum safety.

HVAC Synergy & Carbon Reduction

Delivering a 5–8°C cooling effect, our series outperforms US competitors by 32% in efficiency. Combined with HVAC, it slashes costs by 25%–30%, driving high-ROI energy savings and corporate ESG.

Automated Controls

Real-Time Adaptation

Optimal Resource Conservation





Company Profile

TGM Technology Co., Ltd. excels in wireless smart home and advanced lighting ecosystems. Driven by strong R&D, we deliver reliable, low-power control networks, empowering B2B partners worldwide to construct intelligent living infrastructures effortlessly.

Core Expertise

Featuring internet-free and router-free wireless networks, TGM's local architecture bridges smart switches and sensors, enabling robust, zero-latency whole-site automation while guaranteeing absolute data privacy and deployment efficiency.

Green Building Fit & WELL Health

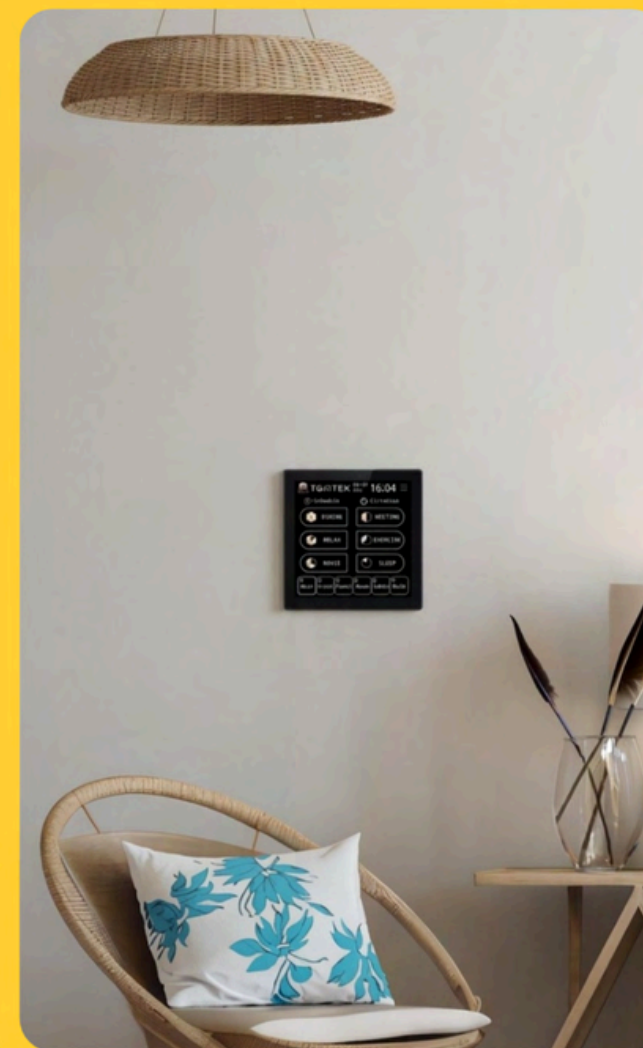
Perfect for retrofits by eliminating rewiring waste, our Healthy Lighting features circadian-friendly control and automation, slashing building energy while helping developers secure prestigious WELL and LEED certifications.

Besides, our system utilizes Modbus/2.4GHz gateways to connect with major third-party platforms. This open architecture enables advanced applications—such as whole-building automation, AI-driven algorithms, and precise energy management...

Automated Controls

Real-Time Adaptation

Optimal Resource Conservation



Company Profile

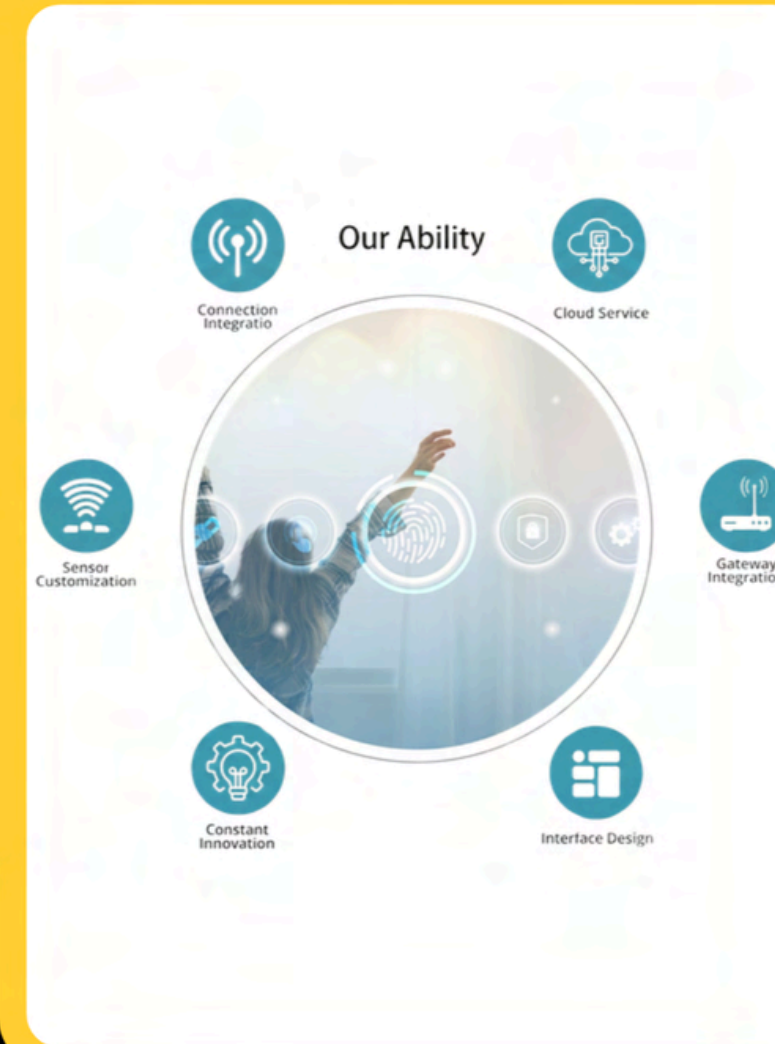
VISTATEC is an AIoT solution provider specializing in Smart Living, Smart Care, and Intelligent Building Solutions. By integrating mmWave sensing, Edge AI, wireless connectivity, and cloud platforms, we deliver privacy-focused solutions that enhance safety, comfort, energy efficiency, and independent living.

Core Expertise

Our portfolio includes camera-free presence detection, fall detection, vital sign monitoring, smart home automation, energy management, and AI-powered activity analysis. Designed for homes, healthcare facilities, senior living communities, and commercial buildings, our solutions provide real-time monitoring, intelligent alerts, and seamless system integration.

Active Energy Management & Retrofit

With a scalable AIoT ecosystem, VISTATEC enables flexible integration, OEM/ODM collaboration, and customized solutions for diverse applications, supporting efficient and rapid global deployment.

Automated Controls**Real-Time Adaptation****Optimal Resource Conservation**



Company Profile

Founded in 2009 under Wei Chung Fung Group, Wang Ding Feng Enterprise produces premium energy-saving fans. Its brand "Geely Feng Shui" delivers advanced, eco-friendly ventilation solutions to optimize commercial efficiency and sustainability.

Core Expertise

Pioneering Taiwan's first light steel frame DC fan with ECO temperature sensing, our universal-voltage (110V-240V) BLDC system features a 9-speed, 360-degree rotating airflow to deliver exceptional, certified energy efficiency.

Smart Air Circulation & Cooling Efficiency

Perfect for green buildings, this flat fan's replaceable duct adapter significantly reduces AC compressor startup loads. Its tool-free disassembly minimizes maintenance, while constant-temperature circulation slashes building operational carbon.

Automated Controls**Real-Time Adaptation****Optimal Resource Conservation**



Company Profile

Providing premium smart hardware and customized IoT integration, WOOWTECH CO., LTD. transforms residential and commercial spaces. We deliver tailored environments designed to maximize modern convenience, structural comfort, and intelligence.

Core Expertise

Powered by PaaS and AI SaaS, our platform features an "AI Co-pilot" for guided energy management. It breaks hardware silos, allowing disparate IoT devices to communicate seamlessly within a unified ecosystem.

Intelligent Space Automation & Management Efficiency

This AI-driven brain proactively manages infrastructures. By simplifying protocol bridging and cloud logic orchestration, it eliminates fragmented management to accelerate time-to-market for bespoke, scalable energy-saving services seamlessly.

Automated Controls
Real-Time Adaptation
Optimal Resource Conservation


Company Profile

Integrating 20+ years of mechatronics with advanced AI diagnostics, YFC Technology (est. 2024) delivers intelligence-driven automation across traditional and tech industries, empowering modern facilities to maximize long-term efficiency and safety.

Core Expertise

Integrating AI vision, IoT, and SCADA, our unified platform enables automated biometric access, smart license plate recognition, and real-time logistics label scanning to deliver precise, frictionless facility management.

AI Safety & Intelligent Energy Management

Featuring proactive AI vision for fire protection and early alerts, this system integrates smart meters and EMS to deliver precise control and property monitoring, minimizing risks and optimizing resource consumption.

Automated Controls**Real-Time Adaptation****Optimal Resource Conservation**

Company Profile

Founded in 1981 with 5,500+ units deployed worldwide, ISO 9001 and CE-certified Yuan Chang Tsay Industry Co., Ltd. delivers custom-engineered recycling and wastewater treatment machinery to accelerate global resource recovery.

Core Expertise

Integrating low-temperature vacuum evaporation and industrial heat pumps, our system operates under reduced pressure, achieving superior wastewater concentration and high-purity water reclamation without traditional chemical conditioning or flocculation.

Water Circularity & Energy-Saving, Low-Carbon O&M

This ZLD-ready eco-processor generates high-purity recycled water free of heavy metals for under \$0.05 per liter, effectively reduced structural water consumption and reduced equipment footprint and long-term operational carbon costs.

Automated Controls

Real-Time Adaptation

Optimal Resource Conservation





Company Profile

ZiG.co pioneers No-Code platforms scaling from AIoT to BIM-integrated Digital Twins. Bridging cross-brand protocols, we empower developers to eliminate information silos and fast-track energy-efficient transformations across modern building infrastructures seamlessly.

Core Expertise

Featuring an intuitive No-Code graphical interface, ZiG enables drag-and-drop customization for BIM digital twins, seamlessly visualizing real-time data across diverse ecosystems without requiring any traditional programming.

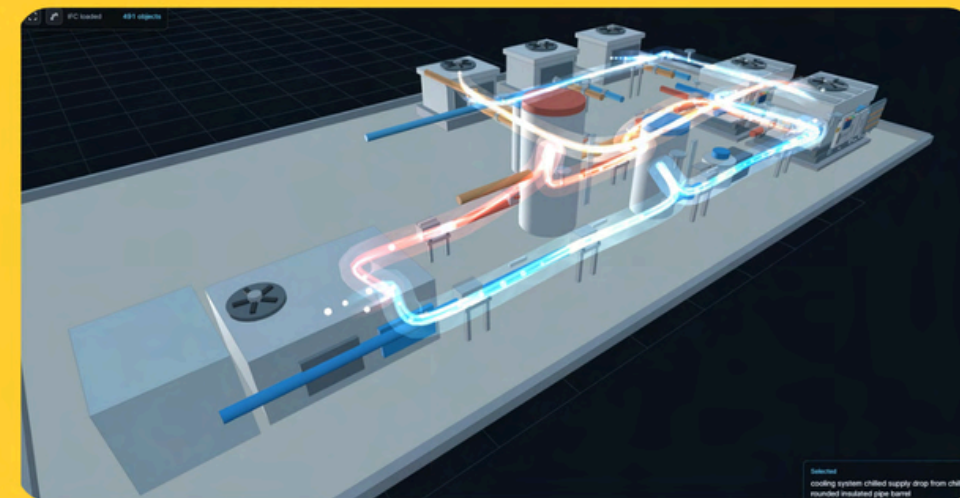
Energy Optimization & AI Insights

Utilizing an advanced AI Agent, our platform simulates multi-floor energy and foot traffic. It delivers predictive, actionable insights, successfully slashing operational carbon costs while maximizing HVAC and lighting efficiency.

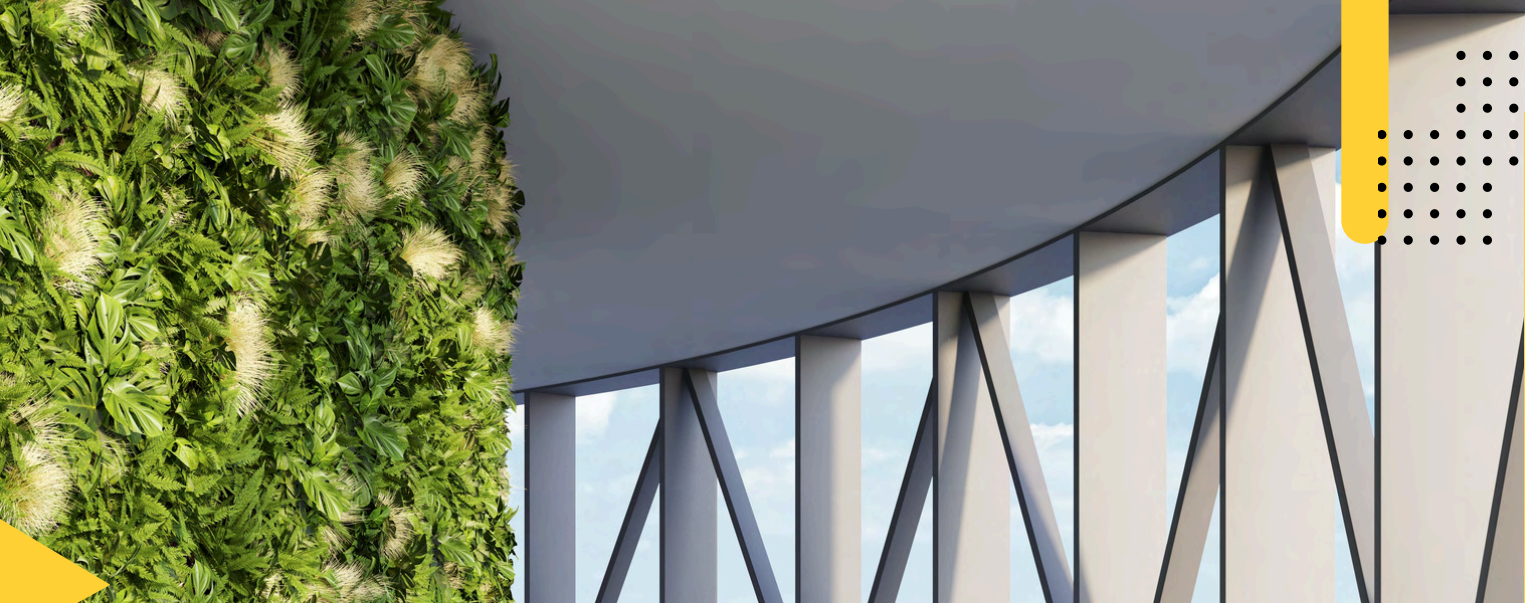
Automated Controls

Real-Time Adaptation

Optimal Resource Conservation



MEMO



ORGANIZER



經濟部國際貿易署

International Trade Administration

IMPLEMENTER



商業發展研究院
Commerce Development
Research Institute



AD BY TITA