

3. Green Tech

In realizing the vision of ‘Thailand 4.0’, Thailand is launching the ‘Energy 4.0’ policy, alongside the top ten industries for future development and plans to increase the proportion of renewable energy. ‘Energy 4.0’ incorporates four major areas: Electric Vehicles, Energy Storage, Renewable Energy, and Smart City and Smart Grid, targeting 30% of renewable energy by 2036. Taiwan's green industry has a profound development foundation and is highly competitive internationally. High-quality products and comprehensive services integration will help Thailand build a future smart green city.

Company	Highlight Product	Photo
<p>Taiwan Green Products Pavilion</p> <p>GLOBALGBN INTERNATIONAL ENERGY SAVING CO. LTD.</p>	<p><u>N.POLE Solar Reflective Paint</u></p> <p>Covering the exterior of a building like polar ice cap, N.POLE will protect it from solar radiation and heat, keeping the interior cool and fresh. According to estimates, the temperature of a building surface can drop down by 30°C! It is also ideal as a cooling coating on containers, iron roofs, concrete buildings, wooden cabins, wind mills and solar panels. It's super durable and has can last 5-10 years. N. Pole has been SGS, RoHS, & ASTM-approved for being environmentally-friendly and harmless to the human body.</p>	
<p>Taiwan Green Products Pavilion</p> <p>A team-AUTOTRONIC ENTERPRISE CO. LTD.</p>	<p><u>Air Quality Sensor</u></p> <p>Air Quality Sensor SAQ-200 is designed to measure air quality at very low concentrations of carbon monoxide, nitrogen dioxide, Ozone, PM2.5, TVOC, temperature and relative humidity by LTE connectivity. It is integrated with wireless technology, sensor know-how and high-performance MCU solutions for various IoT markets usage. With calibrated and compensated multi-sensing solution integration, the data is ready for use. It</p>	

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	is perfect for monitoring outdoor air quality anywhere.																																																								
<p>Taiwan Green Products Pavilion</p> <p>A team-CAMEO INC.</p>	<p><u>Smart Environmental Analysis</u></p> <p>Smart Environmental Analysis Platform integrates artificial intelligence technology to establish a pollution hot-zone analyzing algorithm, which automatically analyzes and traces pollution sources and boosts environmental governance capacities.</p>																																																								
<p>Taiwan Green Products Pavilion</p> <p>Team of Environmental Management Consultants Technologies Inc.</p>	<p><u>Air-Quality Monitoring Platform</u></p> <p>Using a mapping platform, we integrate real-time data from weather, traffic, pollution sources, and more and allows you to understand what happened to the air and why, and of course, what will happen in the future.</p>																																																								
<p>New Taipei City Green Industry Pavilion</p> <p>InSynerger Technology Co. Ltd.</p>	<p><u>InSynerger Factory (In-Factory)</u></p> <p>Managing a factory is never easy; it requires professional training, deep concentration of unwieldy routines, and decision-making according to complex big data. We provide 24-hour monitoring of energy usage and equipment conditions, to lower energy consumption, improve efficiency and increase value.</p> <p>Highlights are as follows:</p> <ul style="list-style-type: none"> ▪ A variety of solutions for water, air, electricity and safety, to build the foundation for establishing ISO 14001, ISO 50001, and advanced CSR paper. ▪ Processes energy-saving and equipment-management for essential equipment and machines. ▪ Artificial intelligence analysis and cyber modelling to improve processes. 	 <p>The collage includes two sections titled '聯網工具-認證感測器 I' and '聯網工具-認證感測器 II', each displaying a grid of various IoT sensors and devices. Below these is a dashboard with two pie charts labeled '裝置用電占比分析' and '設備用電占比分析', and a table of data. The table has columns for '設備名稱', '設備型號', '設備數量', '設備功率', and '設備耗電量'. The data table is as follows:</p> <table border="1"> <thead> <tr> <th>設備名稱</th> <th>設備型號</th> <th>設備數量</th> <th>設備功率</th> <th>設備耗電量</th> </tr> </thead> <tbody> <tr> <td>設備名稱-1</td> <td>設備型號-1</td> <td>1000</td> <td>100W</td> <td>100kWh</td> </tr> <tr> <td>設備名稱-2</td> <td>設備型號-2</td> <td>2000</td> <td>200W</td> <td>400kWh</td> </tr> <tr> <td>設備名稱-3</td> <td>設備型號-3</td> <td>3000</td> <td>300W</td> <td>900kWh</td> </tr> <tr> <td>設備名稱-4</td> <td>設備型號-4</td> <td>4000</td> <td>400W</td> <td>1600kWh</td> </tr> <tr> <td>設備名稱-5</td> <td>設備型號-5</td> <td>5000</td> <td>500W</td> <td>2500kWh</td> </tr> <tr> <td>設備名稱-6</td> <td>設備型號-6</td> <td>6000</td> <td>600W</td> <td>3600kWh</td> </tr> <tr> <td>設備名稱-7</td> <td>設備型號-7</td> <td>7000</td> <td>700W</td> <td>4900kWh</td> </tr> <tr> <td>設備名稱-8</td> <td>設備型號-8</td> <td>8000</td> <td>800W</td> <td>6400kWh</td> </tr> <tr> <td>設備名稱-9</td> <td>設備型號-9</td> <td>9000</td> <td>900W</td> <td>8100kWh</td> </tr> <tr> <td>設備名稱-10</td> <td>設備型號-10</td> <td>10000</td> <td>1000W</td> <td>10000kWh</td> </tr> </tbody> </table>	設備名稱	設備型號	設備數量	設備功率	設備耗電量	設備名稱-1	設備型號-1	1000	100W	100kWh	設備名稱-2	設備型號-2	2000	200W	400kWh	設備名稱-3	設備型號-3	3000	300W	900kWh	設備名稱-4	設備型號-4	4000	400W	1600kWh	設備名稱-5	設備型號-5	5000	500W	2500kWh	設備名稱-6	設備型號-6	6000	600W	3600kWh	設備名稱-7	設備型號-7	7000	700W	4900kWh	設備名稱-8	設備型號-8	8000	800W	6400kWh	設備名稱-9	設備型號-9	9000	900W	8100kWh	設備名稱-10	設備型號-10	10000	1000W	10000kWh
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	<p><u>InSynerger Park (In-Park)</u> Maintaining an industrial park takes time, effort, and includes integrations of different systems, which is not an easy task for park managers. To help you catch up global trends and enhance energy usage efficiency and management, we provide multiple intelligent solutions and services:</p> <ul style="list-style-type: none"> ▪ Lighting, flooding, air, traffic violations, emergency solutions and other solutions to help early prevention. ▪ Map management and an instant dashboard to visualize complex data, bringing an operational control center onto your mobile. ▪ Integration of heterogeneous equipment and systems is available to expand functions flexibility. <p><u>InSynerger Connect (In-Connect)</u> For equipment manufacturers, developing your own software for maintenance is costly and time-consuming. We have a one-stop networking service to help you forecast the time for maintenance service and reduce the costs, adding value and growing competitiveness. Our service provides:</p> <ul style="list-style-type: none"> ▪ Immediate conversion from traditional equipment to smart equipment in just 10 days. ▪ Non-intrusive connection patented technology to transform equipment manufacturers into intelligent equipment manufacturers. ▪ Immediately connect to In-Factory and In-Park cloud applications. 	