

4.3 Environmental Protection Responsibility

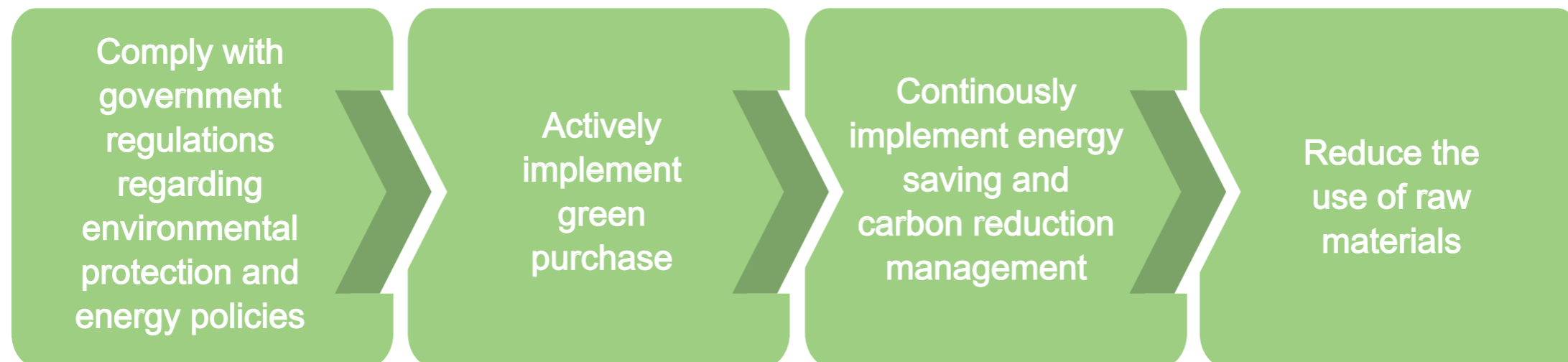
» 4.3.1 Environmental Commitment

Based on climate change and the impact that humans have had on earth, the company should implement corporate green responsibilities and pay attention to the rights and interests of

all stakeholders. Further, the company should incorporate a corporate sustainable management strategy into corporate management and operational behavior.

Brogent's mission is “to inspire moments of joy through creativity” and aspires to be the global leader in the immersive simulation equipment industry. Based on this corporate culture, Brogent

strives to “maximize long-term shareholder value” and to fulfill its “corporate social responsibility”.

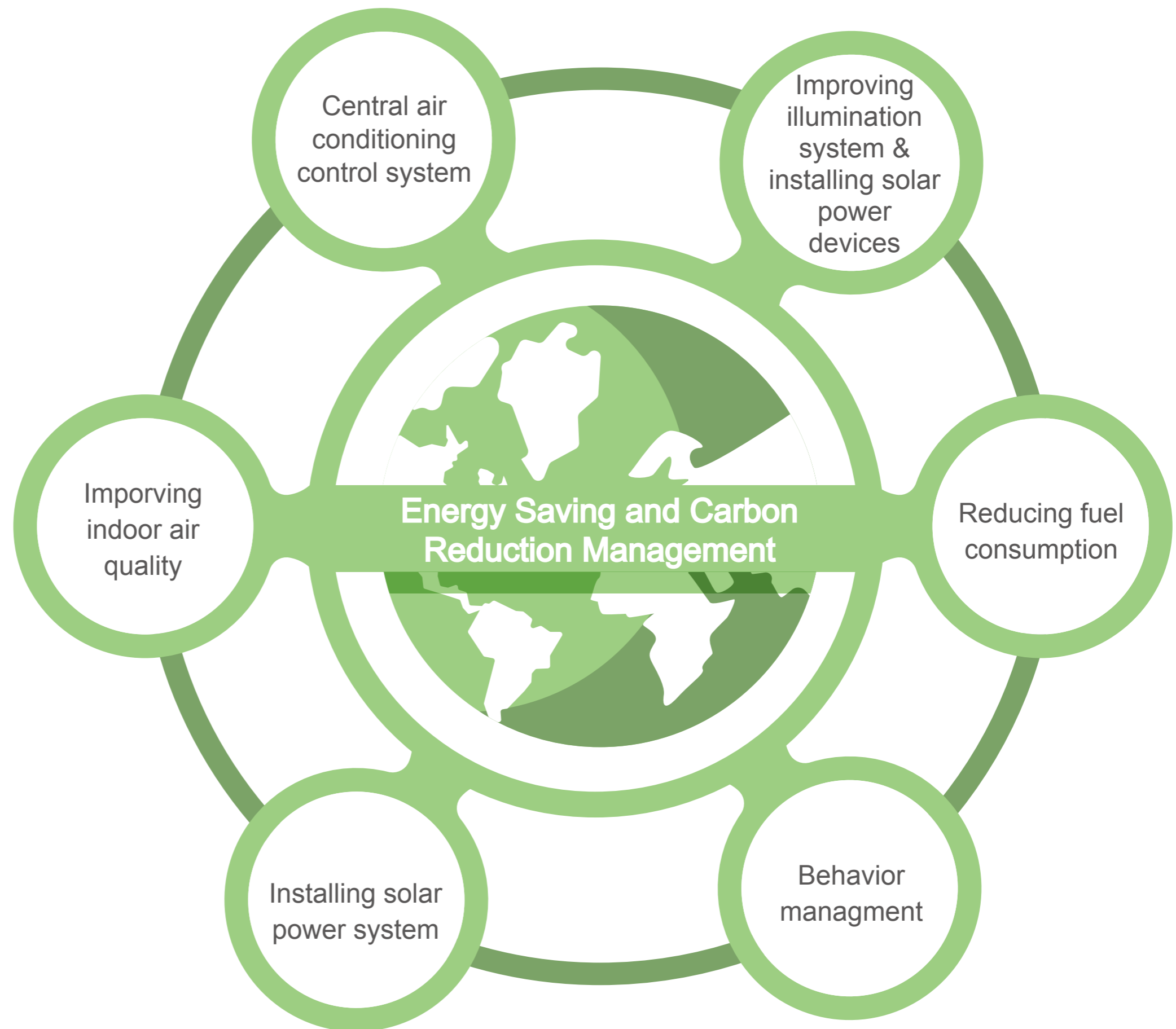


Environmental Management Strategies

Implement Energy Management	Implement Water Resource Management	Effective Resource Management
<p>Goal:</p> <p>Continual implementation of energy saving and carbon reduction management in hope of achieving 1% greenhouse gas emission reduction annually.</p>	<p>Goal:</p> <p>Reduce the waste of water resources.</p>	<p>Goal:</p> <p>Focus on increasing the reuse rate of each resource and reduce unnecessary waste to contribute to the sustainable development of the environment.</p>
<p>Measures:</p> <ul style="list-style-type: none">• Employ a centralized air conditioning control system and LED lights to effectively reduce power consumption year by year.• Prioritize electric or hybrid cars for company vehicles to reduce gasoline consumption.• Set up electric scooter battery charging areas.	<p>Measures:</p> <ul style="list-style-type: none">• Adopt a rainwater harvesting system and an irrigation system in all office buildings to reclaim water resources.	<p>Measures:</p> <ul style="list-style-type: none">• Implement the ERP system to achieve paperless office and effectively manage waste classification to increase the reuse rate.• Implement raw material use management.• Brogent strives to excel in waste classification management and improve the reuse rate of goods.• Furthermore, the company will enhance greenery inside to increase natural ventilation and improve indoor air quality.

» 4.3.2 Energy Management

Purchased electricity and gasoline are the main energy sources in Brogent's operation process. Said energy is used in air conditioners, illumination system, and company vehicles. Energy saving measures have been adopted to reduce energy consumption and environmental impact. In response to the Kaohsiung City Environmental Protection Bureau's 2020 summer electricity saving campaign, the company was awarded a Certificate of Appreciation.



- 1. Central air conditioning control system: Opt for energy saving machines and employing centralized control system for temperature control.
- 2. Illumination system improvement: Replace all illumination facilities in the factories with LED lights, which can save more than 50% energy.
- 3. Reducing fuel consumption: Prioritize electric or hybrid cars for company vehicles to reduce gasoline consumption. Set up electric scooter battery charging areas.
- 4. Behavior management: Switch off unnecessary power supplies, such as electronic appliances and lights in office aisles.
- 5. Supporting the government’s green energy policy by installing solar power system to contribute to the use of renewable energy.
- 6. Improve indoor air quality: Grow more indoor plants and increase natural ventilation.

Greenhouse Effect Gas Emissions

Brogent's 2020 greenhouse gas emissions are 683.78 metric tons of CO₂e, of which Scope 1 (direct source) emissions are 14.84 metric tons of CO₂e (approximately 2.1% of the total) and Scope 2 (indirect energy emissions) emissions are 668.94 metric tons of CO₂e (approximately 97.8% of the total). In addition, using annual operating revenue (in millions) as the GHG emission intensity calculation, the emission intensity in 2020 is 0.64 metric tons CO₂e/ million, which is higher than that in 2019 mainly due to the decrease of approximately 50% in revenue in 2020 compared to 2019.

Energy Saving and Carbon Reduction Project

The energy saving strategy implemented in 2020 was to prioritize the purchase of hybrid cars as company vehicles. Hybrid cars saved approximately NT\$116,795 yearly on costs; the total energy saved was 162.31GJ.

Energy Saving Plan	Type of Energy Saved	Base Year	Amount of Energy Saved	Amount of Energy Saved in Gigajoule(GJ)	Yearly Cost Savings (NT\$)
Prioritize hybrid cars as company vehicles	Gasoline (KL)	2016	4.97	162.31	116,795

Note : Gasoline cost savings, using the Ministry of Economic Affairs Bureau of Energy 2020 annual average price of \$23.5/liter for 95 unleaded gasoline.

Installation of Renewable Energy Power Generation Equipment

In response to Taiwan's green energy policy, Brogent installed a solar power system in 2016 and has been selling the renewable energy power generated by this system to the Taiwan Power Company. In 2020, the total power generated by Brogent's solar power system was 14,936 kwh, which contributed to Taiwan's renewable energy development.

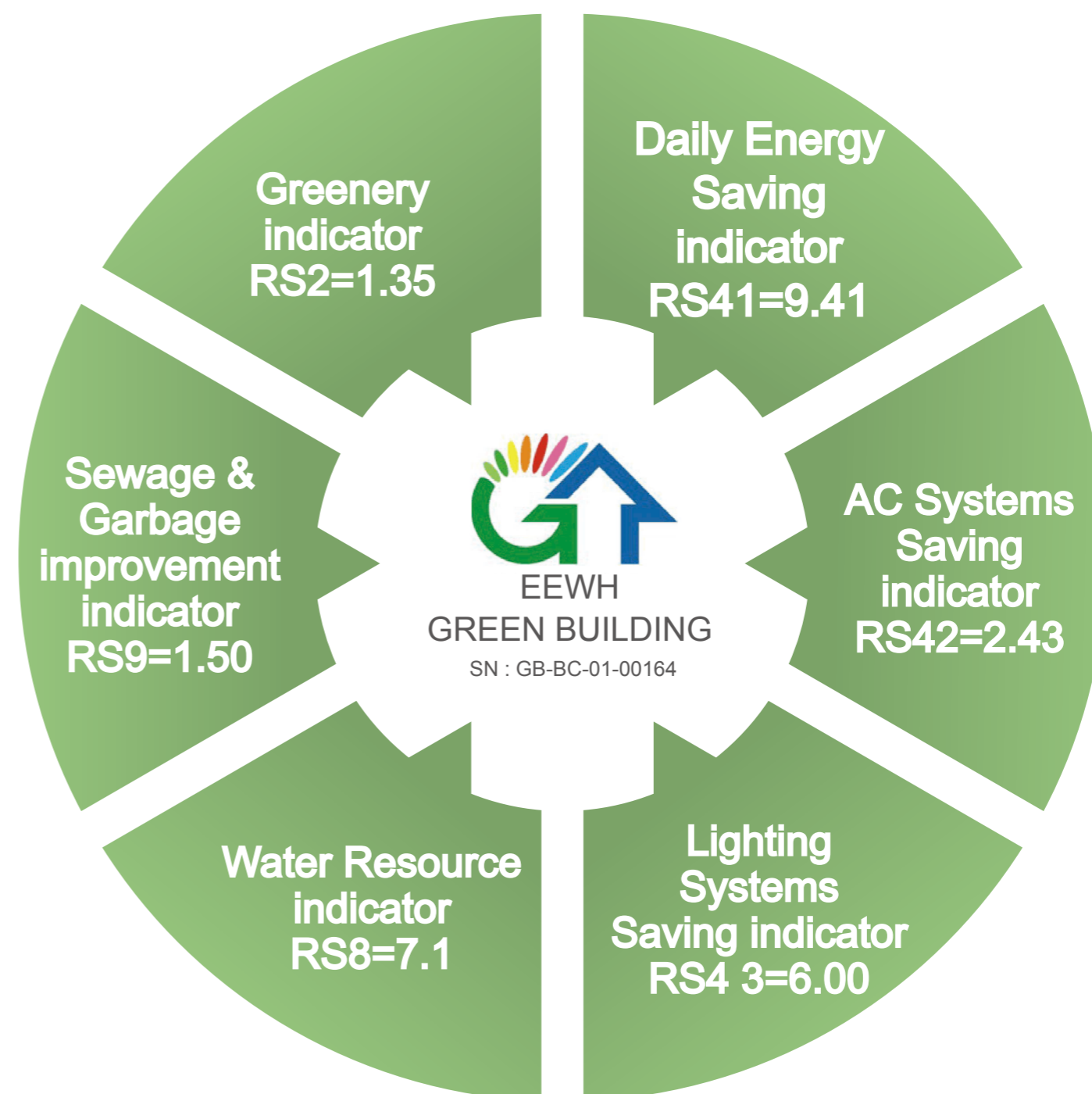


Brogent's R&D Testing and Experience Center received Green Building EEWH-BC Certification.

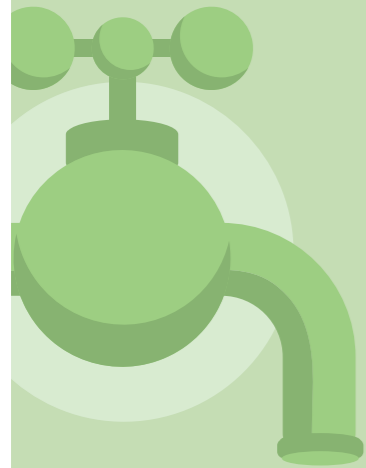
Green Building Certification

Brogent's new construction of the Phase 2 R&D Testing and Experience Center (a steel structure office and large-scale building with a basement and six floors above ground) received the Green Building Label from the Ministry of the Interior on December 16, 2016.

We plan to apply for green building certification in Phase 3 building construction and expect to obtain four or more labels. The installation of a solar power generation system is also planned.



Brogent's R&D Testing and Experience Center received Green Building EEWH-BC Certification.



Faucets, urinals, and toilets with **Water Saving Labels** are installed in all the bathrooms in the office.



A Rain Water **Harvesting Storage System** for plant watering.



Water consumption in 2020 is **13,590** million liters.



A water intensity of **0.068** million liters per person.

» 4.3.3 Water Resource Management

Brogent's water use primarily consists of domestic use in office buildings, which does not have any huge impact on water sources. To improve water use efficiency, we have established relevant measures concerning water management. For example, faucets, urinals, and toilets with water saving labels are installed in all the bathrooms

in the office; a rainwater harvesting storage system is established to reclaim rainwater for plant watering. All the measures help us make proper use of water resources. Water consumption in 2020 is 13,590 million liters, with a water intensity of 0.068 (million liters per person).



Wastewater treatment: independent pipelines for rainwater



Rainwater harvesting storage system



Wastewater treatment: independent pipelines for wastewater

>> 4.3.4 Waste Management

Brogent's business is registered as Wen Venture, which mainly deals with the export of physical simulation amusement equipment. Most of the product equipment is manufactured by third-party manufacturers and transported to the company for pre-assembly testing and then transported

to customers for installation testing and delivery acceptance, so the waste generated at the company's location (including the headquarters in Kaohsiung, the Taoyuan factory and the Taipei office) is the general business waste of the office. We have entrusted a qualified vendor to handle the general business

waste, and the waste disposal capacity is about 1.1 tons/month. In accordance with the government policy, general and recycling garbage bins are installed at each floor garbage collection point. The recycled garbage is sorted by the cleaning staff and then notified to the recycler for disposal. The

recycling money will be used as incentive money for the cleaning staff to increase the motivation of the staff to sort the garbage. After sorting the garbage by the staff and the cleaning staff, the average monthly resource recovery is about 0.4 tons/month.



Qualified vendors to handle the general business waste.



The waste disposal capacity is about 1.1 tons/month.



The average monthly resource recovery is about 0.4 tons/month.