

## **Energy conservation, environmental protection, and carbon reduction performance 2020-2021**

### **Energy conservation performance:**

- (1) Lights off at lunch break and after work hours; use of sensor lights at office entry.
- (2) In compliance with Subparagraph 4, Article 5 of "Regulation of Self-Governance Statutes Governing Energy Saving and Carbon Deduction Counseling and Management of Industry and Business in Taipei," the Company has set office interior air conditioning to an average temperature of 26°C for improved energy efficiency.
- (3) Ventilator and cooling tower of the office air conditioning system are cleaned and serviced by external service providers once every six months for best performance.
- (4) Quarterly maintenance of renewable energy equipment: NT\$288,000 were spent on the maintenance and servicing of photovoltaic system in 2021.

Water conservation policy	2021	2020	kl of water saved in the year
kl of water used	1.576 (in multiples of 10,000)	1.687 (in multiples of 10,000)	0.111 (in multiples of 10,000)
Water usage (kl) per ping of space	1.4	1.5	0.1

Power conservation policy	2021	2020	KWH of power saved in the year
KWH of power used	123 (in multiples of 10,000)	139(in multiples of 10,000)	16(in multiples of 10,000)
Power usage (KWH) per ping of space	123	139	16

Note: Huwei Office and the puppet room used conventional 20W fluorescent tubes for lighting that were more energy-intensive, and many of which were dated and damaged. In 2020, the Company spent NT\$168,000 replacing them with LED-based panel light, ceiling light, and embedded light that are more energy-efficient and resistant to wear.

### **Carbon reduction performance:**

Renewable energy: The Company installed solar panels at the Tuku Studio, Yunlin, to gather solar energy as an alternative to the government's existing power source. The

Company is committed to accomplishing its annual carbon reduction goals, and the following is a comparison of carbon reduction performance (%) between the most recent year (2021) and the year before, based on the survey conducted in March 2022:

Carbon reduction volume - 2021(Kg)	Carbon reduction volume - 2020 (Kg)	Carbon reduction % compared to the previous year	Equivalent number of trees planted	Electricity expenses saved for the year
930kg	910Kg	2%	3,818	NT\$183,000

**Environmental protection performance:**

- (1) Waste sorting practices and recycling bins are implemented in office areas.
- (2) Office and public areas are sterilized on a quarterly basis, whereas the dining area is sterilized on a monthly basis.
- (3) Environmental protection spending

Unit: NTD thousands

Item	Environmental protection spending 2021	Environmental protection spending 2020	Variation from the previous year (Environmental protection spending) (%)
Volume of waste recycled (tons)	182	198	-8%
Waste disposal expense	322	425	-24%

Waste mainly comprises day-to-day garbage and waste from scene productions, which is recycled.

Waste reduction policy	2021	2020	Variation from the previous year (waste reduction) (%)
Volume of kitchen waste	About 110 kg	About 140 kg	-21%

Paper reduction policy	2021	2020	Variation from the previous year (Volume of paper recycled) (%)
Volume of paper recycled	About 19 kg	About 24 kg	-21%

Paper usage per person has reduced progressively year after year (the shift to digital correspondence, for instance, reduced the volume of paper waste to recycle)

**Greenhouse gas emission and reduction:**

The Company operates in the culture and creativity industry where electricity is the dominant source of energy. For this reason, greenhouse gas emission (indirect) is primarily the result of purchased electricity, representing 98.127 % of emission volume. Meanwhile, greenhouse gas emission in office areas (direct) represented only 1.863% of total.

CO2	2021	2020	Variation from the previous year (CO2) (%)
Total emission	623.5tonnes	689.85tonnes	-5%
Emission intensity (tonnes CO2 e/headcount)	1.53 tonnes	1.53 tonnes	-6%

Note 1: Indirect emission volume is calculated using the emission coefficient of electricity published by the Bureau of Energy, Ministry of Economic Affairs, in 2020, which is 0.502 kg CO<sub>2</sub>e/KWH.

Note 2: Emission intensity is calculated as current year total greenhouse gas emission (tonnes CO<sub>2</sub>e)/ total employee count at current year-end.

**Future energy/carbon reduction goals:**

The Company will continue aiming to reduce energy and carbon by 1% per year; the lower carbon emission will help mitigate Earth's greenhouse effect.