

高祥電信工程股份有限公司

Carbon emissions report

31 OCT , 2024



Committed to Act

1

Gau Shyang
Telecommunication
commits to the 1.5°C
Climate Ambition and
pledges to:

Halve absolute
emissions by 2030 and
reach Net-Zero by 2050

Definition of Net-Zero

- Reduction of emissions in value chain in line with the 1.5°C pathway
- Neutralize the consequences of any remaining emissions by permanently eliminating an equivalent volume of CO₂ (SBTi, 2021)

**[Gau Shyang Telecommunication Engineering Co]
Commits to the 1,5 °C Climate Ambition**

- We commit to the 1,5°C Climate Ambition and pledges to reduce CO₂ emissions.
- We set the plan of net-zero carbon emission according to SBTi 1.5°C targets
 - 1) From Y2024 to Y2030, the annual reduction goal is 8.3% (50% by 6 Years) for every year.
 - 2) From Y2030 to Y2050, the annual reduction goal is 2.5% (50% by 20 Years) for every year and achieve Net-Zero in Y2050
- Holds Oath Taking Ceremony of **[Gau Shyang Telecommunication Engineering Co]** Senior Executives Committee to promise and show our determination to achieve the targets on behalf of all colleagues.

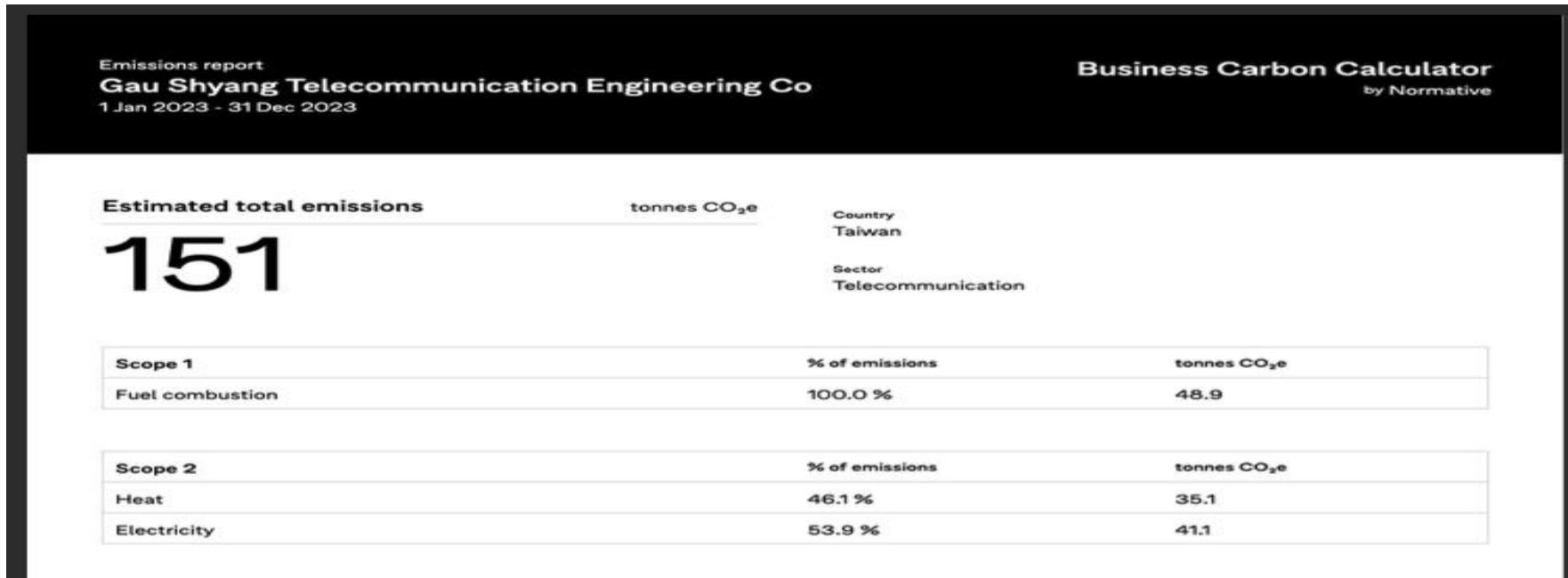
Map Emissions

Emission mapping by Gau Shyang Telecom

2

Gau Shyang
高祥電信

碳排放計算報告 SME Climate Hub



Scope 1 Direct - Fuel combustion (燃料燃燒),
32.3% (48.9 ton CO2e)

- Company vehicles (出車工作) : 22.3%
- Business travel (商務旅行) : 10.0 %

Scope 2 Indirect - Electricity (電力),
50.5% (76.2 ton CO2e)

- Company facilities (照明、冷氣、暖氣) : 40.0%
- Energy related activities (電腦、列印、影印、傳真) : 10.5%

Note : 本公司只有設備裝機工程服務，並無製造工廠，所以只計算Scope 1 & 2

Reduction Plan

3

Scope 1 - Fuel Combustion (48.9 ton)					
Strategy	Action & Measurement	Y2024-Y2030 Annual Target	Y2030 Target	Y2031-Y2050 Annual Target	Y2050 Target
降低燃油消耗、減少待速時間，使用新能源汽車	每年採購(1-2)台電動車，從油耗最多的車輛進行更換，公務出差盡可能使用公共交通工具。	~1.86% reduction/Year (Reducing ~2.81 ton CO2e/Year)	~11.16% reduction (Reducing ~16.9 ton CO2e)	~0.56% reduction/Year (Reducing ~0.84 ton CO2e/Year)	(Accumulated) ~22.32% reduction (Reducing ~33.7 ton CO2e)
減少外出會議，使用線上會議方式	採用線上會議，減少外出計畫全部(100%)。	~0.43% reduction/Year (Reducing ~0.65 ton CO2e/Year)	~2.59% reduction (Reducing ~3.9 ton CO2e)	~0.13% reduction/Year (Reducing ~0.20 ton CO2e/Year)	(Accumulated) ~5.17% reduction (Reduce ~7.8 ton CO2e)
商務旅行減少使用燃油車輛	宣導多搭乘大眾交通工具，計畫5年內至少有(30%)	~0.40% reduction/Year (Reducing ~0.61 ton CO2e/Year)	~2.43% reduction (Reducing ~3.7 ton CO2e)	~0.12% reduction/Year (Reduce ~0.18 ton CO2e/Year)	(Accumulated) ~4.86% reduction (Reduce ~7.4 ton CO2e)



NET ZERO



Reduction Plan

3

Scope 2 - Electricity (76.3 ton)

Strategy	Action & Measurement	Y2024-Y2030 Annual Target	Y2030 Target	Y2031-Y2050 Annual Target	Y2050 Target
降低辦公室電力消耗，使用節能燈管、空調溫度設定27度	辦公室燈具計畫5年內全部更換為節能燈具。(每年更換20%)	~3.32% reduction/Year (Reducing ~5.02 ton CO2e/Year)	~19.93% reduction (Reducing ~30.1 ton CO2e)	~1.00% reduction/Year (Reducing ~1.51 ton CO2e/Year)	(Accumulated) ~39.87% reduction (Reducing ~60.2 ton CO2e)
推行無紙化及使用回收紙列印	公司請款及文件簽核全面(100%)採用數位簽章，以減少紙張浪費	~0.67% reduction/Year (Reducing ~1.02 ton CO2e/Year)	~4.04% reduction (Reducing ~6.1 ton CO2e)	~0.20% reduction/Year (Reducing ~0.31 ton CO2e/Year)	(Accumulated) ~8.08% reduction (Reduce ~12.2 ton CO2e)
宣傳教育，提高節能減排意識	每年 (Bi-Annually) 做一次宣傳教育並檢討前一年的排碳報告	~0.21% reduction/Year (Reducing ~0.32 ton CO2e/Year)	~1.26% reduction (Reducing ~1.9 ton CO2e)	~0.06% reduction/Year (Reduce ~0.10 ton CO2e/Year)	(Accumulated) ~2.52% reduction (Reduce ~3.8 ton CO2e)



NET ZERO



Reduction Plan

3

Scope 3 - Supply chain (26 ton)					
Strategy	Action & Measurement	Y2024-Y2030 Annual Target	Y2030 Target	Y2031-Y2050 Annual Target	Y2050 Target
貨運運輸車輛減少使用燃油車	物料運送時車輛, 盡可能派遣非燃油車輛, 及減少運輸次數	~1.36% reduction/Year (Reducing ~2.06 ton CO2e/Year)	~8.17% reduction (Reducing ~12.4 ton CO2e)	~0.41% reduction/Year (Reducing ~0.62 ton CO2e/Year)	(Accumulated) ~16.34% reduction (Reducing ~24.8 ton CO2e)
倉儲物流用具物品使用環保材質	倉儲辦公、物流包裝用具, 優先採用非塑化材質物品, 及可回收利用材質	~0.07% reduction/Year (Reducing ~0.11 ton CO2e/Year)	~0.43% reduction (Reducing ~0.7 ton CO2e)	~0.02% reduction/Year (Reducing ~0.03 ton CO2e/Year)	(Accumulated) ~0.86% reduction (Reduce ~1.4 ton CO2e)



NET ZERO



Public Target

Gau Shyang
Telecom
publishes their
target in line
with the 1,5°C
Climate
Ambition

Company will
halve emissions
by 2030 and
reach Net-Zero
by 2050

The public
commitment is
published on
the company's
own website,
annual report,
or on SME
Climate Hub

詳閱請蒞臨公司網址
[https://gaushyang
.netlify.app/#](https://gaushyang.netlify.app/#)

高祥電信工程(股)公司
承諾：以實現1.5°C為企
業目標，設定符合SBTi
1.5°C淨零減量目標

2024至2030年每年減量
目標8%、2030至2050
年每年減量目標2.6%，
於2050年達到淨零

高祥電信工程股份有限公司

END

10 Oct, 2024

