

溫室氣體查證意見書

2022 年溫室氣體排放資訊

意見書編號：111-GHG-012

寰靖綠色科技股份有限公司

83245高雄市林園區工業一路5號右側

經本中心依據ISO 14064-3:2019完成查核並符合下列標準要求

ISO 14064-1：2018

寰靖綠色科技股份有限公司佐證主張的資料與資訊為歷史性質，
本中心依據 ISO 14064-3:2019規範對其工程服務及相關環保技術顧問活動
於2022年1月1日至2022年12月31日溫室氣體排放量進行查證，
無尚未解決的發現，符合ISO 14064-1：2018規範，據此給予的查證意見如下，

◎合理保證等級：

類別1：直接溫室氣體排放量58.2098 公噸二氧化碳當量

類別2：輸入能源之間接溫室氣體排放量165.0132 公噸二氧化碳當量

◎有限保證等級：

類別3：運輸造成之間接溫室氣體排放量12.3062 公噸二氧化碳當量

類別4：組織使用產品造成之間接溫室氣體排放量 67.6624 公噸二氧化碳當量

簽署人

林育堯

執行長 林育堯

簽核日期：2023 年 08 月 21 日

證書日期：2023 年 08 月 21 日

財團法人台灣商品檢驗驗證中心
桃園市龜山區文明路29巷8號
(03)3280026 www.etc.org.tw

寰靖綠色科技股份有限公司2022年溫室氣體排放資訊

| 盤查報告書版本：111Y 寰靖科技溫室氣體盤查報告書_For 2018_V4_20230729 | | |
|---|--------------------|----|
| 盤查清冊版本：111Y 寰靖公司溫室氣體盤查表單6類別 V4_1120724 | | |
| 排放量 | CO ₂ 當量 | 備註 |
| 類別1 直接溫室氣體排放與移除 | | |
| 1.1 固定式燃燒 | 11.2078 公噸 | |
| 1.2 移動式燃燒 | 31.1525 公噸 | |
| 1.3 工業製程 | 不適用 | |
| 1.4 人為系統逸散排放 | 15.8495 公噸 | |
| 1.5 土地使用、土地使用變化及林業之排放與移除 | 不適用 | |
| 類別2 輸入能源之間接溫室氣體排放 | | |
| 2.1 輸入電力的間接排放 | 165.0132 公噸 | |
| 2.2 輸入能源之間接排放 | 不適用 | |
| 類別3 運輸造成之間接溫室氣體排放 | | |
| 3.1 來自上游運輸/配送貨物之排放 | N.S. | |
| 3.2 下游運輸及配送貨物之排放 | N.S. | |
| 3.3 員工通勤造成之排放 | 9.6482 公噸 | |
| 3.4 客戶和訪客運輸造成之排放 | N.S. | |
| 3.5 商務旅行造成之排放 | 2.6580 公噸 | |
| 類別4 組織使用產品造成之間接溫室氣體排放 | | |
| 4.1 購買商品之上游排放 | 41.0857 公噸 | |
| 4.2 購買資本物品之上游排放 | N.S. | |
| 4.3 處置固態及液態廢棄物造成之排放 | 26.5767 公噸 | |
| 4.4 租賃設備資產使用造成之排放 | N.S. | |
| 4.5 顧問諮詢、清潔、維護等 | N.S. | |
| 4.6 其他服務 | N.S. | |
| 類別5 使用來自組織之產品造成的間接溫室氣體排放 | | |
| 5.1 產品使用階段之排放 | N.S. | |
| 5.2 下游租賃資產之排放 | N.S. | |
| 5.3 產品壽命終止階段之排放 | N.S. | |
| 5.4 投資產生之排放 | N.S. | |
| 類別6 其他來源之間接溫室氣體排放 | | |
| 無 | N.S. | |

N.S.：Non significant (非重大)

主導查證員/日期

李豪

112.07.25

Greenhouse Gas Opinion Statement

2022 Greenhouse Gas Emissions

Statement No : 111-GHG-012

Global Green Technology Corporation

No. 5, Gongye 1st Rd., Linyuan Dist., Kaohsiung City 832, Taiwan (R.O.C.)

The materials and information of Global Green Technology Corporation company's supporting claims are historical in nature.

ETC verify the greenhouse gas emissions of its Engineering services and related environmental technology consulting activities from January 1, 2022 to December 31, 2022 according to the ISO 14064-3:2019. No unresolved findings are in compliance with the ISO 14064-1:2018, and the verification opinions given accordingly are as follows,

◎Reasonable assurance level :

Category 1: Direct GHG emissions **58.2098** tonnes of CO₂e

Category 2: Indirect GHG emissions from imported energy **165.0132** tonnes of CO₂e

◎Limited assurance level :

Category 3: Indirect GHG emissions from transportation **12.3062** tonnes of CO₂e

Category 4: Indirect GHG emissions from products used by organization **67.6624** tonnes of CO₂e

Signatory 

CEO 林育堯

Date : 2023 /08/21

Taiwan Testing and Certification Center
No.8, Lane 29, Wenming Rd., Guishan Dist.
Taoyuan City, Taiwan, R.O.C
(03)3280026 www.etc.org.tw

Global Green Technology Corporation 2022 Greenhouse Gas Emissions

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|--|--|-----------------------------|-------|
| Inventory report version : 111Y 寰靖科技溫室氣體盤查報告書_For 2018_V4_20230729 | | | |
| Inventory version : 111Y 寰靖公司溫室氣體盤查表單 6 類別 V4_1120724 | | | |
| Emissions | | tonnes of CO ₂ e | Notes |
| Category 1 Direct GHG emissions and removals | | | |
| 1.1 | Stationary combustion | 11.2078 | |
| 1.2 | Mobile combustion | 31.1525 | |
| 1.3 | Industrial processes | N/A | |
| 1.4 | Fugitive (anthropogenic systems) | 15.8495 | |
| 1.5 | Land use, land use change and forestry | N/A | |
| Category 2 Indirect GHG emissions from imported energy | | | |
| 2.1 | Indirect emissions from imported electricity | 165.0132 | |
| 2.2 | Indirect emissions from imported energy | N/A | |
| Category 3 Indirect GHG emissions from transportation | | | |
| 3.1 | Emissions from upstream transport and distribution for goods | N.S. | |
| 3.2 | Emissions from downstream transport and distribution for goods | N.S. | |
| 3.3 | Emissions from employee commuting | 9.6482 | |
| 3.4 | Emissions from client and visitor transport | N.S. | |
| 3.5 | Emissions from business travels | 2.6580 | |
| Category 4 Indirect GHG emissions from products used by an organization | | | |
| 4.1 | Emissions from purchased goods | 41.0857 | |
| 4.2 | Emissions from capital goods | N.S. | |
| 4.3 | Emissions from the disposal of solid and liquid waste | 26.5767 | |
| 4.4 | Emissions from the use of assets | N.S. | |
| 4.5 | Emissions from the use of services (consulting, cleaning, maintenance...etc) | N.S. | |
| 4.6 | Other service | N.S. | |
| Category 5 Indirect GHG emissions associated with the use of products from the organization | | | |
| 5.1 | Emissions from the use stage of the product | N.S. | |
| 5.2 | Emissions from downstream leased assets | N.S. | |
| 5.3 | Emissions from the end of life stage of the product | N.S. | |
| 5.4 | Emissions from Investments | N.S. | |
| Category 6 Indirect GHG emissions from other sources | | | |
| | None | N.S. | |

N.S. : Non significant

Lead Verifier

李 豪 112.07.25

K00-OP-068-10-01(ver02)

ETC is a third-party verification organization
This verification statement cannot be used on a single page, but must be used together on two pages to be effective.

Page 2 of 2