

企業對於溫室氣體排放之影響，或衝擊之程度：

一、企業受氣候變遷相關法規規範之風險

政府因應全球氣候變遷，制定氣候變遷調適策略，降低與管理溫室氣體排放，善盡保護地球環境之責任，確保國家永續發展，政府於2023年實施氣候變遷因應法。本公司響應政府2050淨零目標，且受臺灣證交所規定，須於2026年起揭露溫室氣體資訊，於2024年度全面導入溫室氣體盤查。

二、企業受氣候變遷之實質風險

氣候變遷可能造成環境異常包含連續降雨、乾旱及氣溫驟變等，導致能資源使用量增加。因此本公司持續推動節能減碳措施，每年監測相關節能數據。

三、氣候變遷提供企業之機會

帆宣目前已導入ISO 14001 環境管理系統、ISO 14064-1溫室氣體盤查、ISO 50001能源管理系統，藉由系統監測及管理環境衝擊，並利用分析結果，規劃環境衝擊減量策略，推動節能減碳方案，持續減少能源耗用，積極配合客戶減碳目標。

四、企業溫室氣體排放量

2023溫室氣體排放量

- 盤查區間：2023年1月1日至2023年12月31日
- 資料範圍：台灣廠區，不含子公司

| 公噸 CO ₂ e | 範疇 1 | 範疇 2 | 範疇 3 | 總計 |
|----------------------|----------|------------|------------|------------|
| | 862.6269 | 9,514.3876 | 5,007.6099 | 15,384.624 |

2022溫室氣體排放量

- 盤查區間：2022年1月1日至2022年12月31日
- 資料範圍：台灣廠區，不含子公司

| 公噸 CO ₂ e | 範疇 1 | 範疇 2 | 總計 |
|----------------------|----------|------------|-----------|
| | 158.5435 | 8,278.9083 | 8,437.452 |

● 2023年第三方查證聲明書



Independent Verification Opinion

Verification Opinion No.:
C717748-2023-AG-TWN-DNV

Issued Place:
Taipei

Issued Date:
15 November, 2024

This is to verify initiate reporting of Greenhouse Gas Inventory Management Report (2023) of

MARKETECH INTERNATIONAL CORP.

Scope of Verification

DNV Business Assurance (DNV) has been commissioned by MARKETECH INTERNATIONAL CORP. ('the Organization') to perform a verification of the greenhouse gas statements of Greenhouse Gas Inventory Management Report (2023) (hereafter the "Inventory Report") with respect to the sites listed as Appendix A.

The Reporting Boundary for the verification including direct GHG emissions and removals, indirect GHG emissions from imported energy, indirect GHG emissions from transportation, indirect GHG emissions from products used by the Organization.

Verification Criteria and GHG Programme

The verification was performed on the basis of ISO 14064-1:2018 as well as criteria given to provide for consistent GHG emission identification, calculation, monitoring and reporting. The verification was conducted in accordance with ISO 14066:2011, ISO 14065:2020, ISO14064-3:2019

Verification Opinion

It is DNV's opinion that the Inventory Report (2023), which was published on 5 November 2024 (ver. 1.2) is free from material discrepancies in accordance with the verification criteria identified as stated above. The opinion is decided based on the following approaches,

- For the Direct (Category 1) and Indirect GHG emissions from imported energy (Category 2), the reliability of the information within the Inventory Report (2023) were verified with reasonable level of assurance.
- For the other indirect GHG emissions, the involved information was verified with limited assurance.

Also, the GHG information as stated in Appendix B has been verified during the process.

Jerry Huang
GHG Verifier

Place and date:
Taipei, 15 November, 2024

For the issuing office:

DNV Business Assurance Co., Ltd.
29Fl., No. 293, Sec. 2, Wenhua Rd.,
Banqiao District, New Taipei City
220, Taiwan

Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid. This Verification Opinion is based on the information made available to us and the engagement conditions detailed above. Hence, DNV cannot guarantee the accuracy or correctness of the information. DNV cannot be held liable by any party relying or acting upon this Verification Opinion.
DNV Business Assurance Co., Ltd. 29F., No.293, Sec.2, Wenhua Road 220 Ban Chiao Dist, New Taipei City Taiwan TEL: +886-2-82537800, website: <https://www.dnv.com/tw/>
DNV ZNATW-OP-F50, Rev.11, 2024-4

● 2022年第三方查證聲明書



溫室氣體排放量 查證聲明書

聲明書編號：
C594564-2022-AP-TWN-TAF

地點和日期：
台北, 中華民國 112 年 06 月 20 日

頁數：
2 之 1 頁

事業連絡資訊

帆宣系統科技股份有限公司

通訊地址：新竹縣湖口鄉光復南路 35 號(湖口廠)

聯絡電話：+886 3 5974779

查證結果摘要

茲證明本案符合行政院環境保護署現行規定，查證結果發現未違反實質性限制，符合行政院環境保護署認可之合理保證等級。

查證準則

氣候變遷因應法、溫室氣體排放量盤查登錄管理辦法等法令規章，環保署溫室氣體排放量盤查作業指引與事業溫室氣體排放量資訊平台相關規定。

查證範圍

涵蓋帆宣系統科技股份有限公司(管制編號:J5909823)：新竹縣湖口鄉光復南路 35 號(湖口廠)擁有與經營之1家光電、半導體基板代工製造廠，共計1處設施。

盤查期間：自中華民國111年1月1日至111年12月31日

本案主導查驗員：
郭祥亭

郭祥亭

查證作業實施日期：
中華民國 112 年 3 月 2 日至 3 月 13 日



查驗機構簽章：
立思威國際檢驗股份有限公司

謝振輝

謝振輝
總經理

查證聲明書核發日期：
中華民國 112 年 06 月 20 日



This Verification Opinion is based on the information made available to us and the engagement conditions detailed above. Hence, DNV cannot guarantee the accuracy or correctness of the information. DNV cannot be held liable by any party relying or acting upon this Verification Opinion.

查驗機構：立思威國際檢驗股份有限公司，新北市板橋區文化路二段 293 號 29 樓。Tel.: +886-2-82537800. www.dnv.com.tw

DNV ZNATW-OP-F56, Rev.9, 2021-7