

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，本公司已於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，積極配合客戶與政府淨零目標。	

四、企業溫室氣體排放量

帆宣集團（母公司及子公司）		
類別	113年	114年
範疇1排放量(公噸CO ₂ e)	1,223.3343	1,154.5264
範疇2排放量(公噸CO ₂ e)	10,096.6725	10,152.8881
範疇3排放量(公噸CO ₂ e)	6,274.7634	214,946.8999
範疇1、2之碳密集度 (公噸CO ₂ e/合併營收百萬元)	0.19	0.22
帆宣科技（母公司）		
類別	113年	114年
範疇1排放量(公噸CO ₂ e)	1,088.6268	1,006.3553
範疇2排放量(公噸CO ₂ e)	9,414.0445	9,081.8185
範疇3排放量(公噸CO ₂ e)	6,274.7634	214,946.8999
範疇1、2之碳密集度 (公噸CO ₂ e/個體營收百萬元)	0.36	0.30

帆宣集團（總公司及子公司）民國113年度民國114年度溫室氣體排放量100%經DNV查證，確信情形說明如下：

- 確信範圍：帆宣集團（總公司及子公司）
- 確信機構：立恩威國際驗證股份有限公司(DNV)
- 確信準則：ISO 14064-3
- 確信意見：類別1-2為合理保證等級，類別3-6為有限保證等級。

● 2025年ISO 14064-1查證聲明書



Independent Verification Opinion

Verification Opinion No.:
C844016-2025-AG-TWN-DNV

Issued Place and Date:
Taipei, 16 April, 2026

Page 1 of 2

This is to verify initiate reporting of Greenhouse Gas Inventory Management Report (2025) of

MARKETECH INTERNATIONAL CORP. GROUP.

Scope of Verification

DNV Business Assurance (DNV) has been commissioned by MARKETECH INTERNATIONAL CORP. GROUP. (hereafter "the Organization") to perform a verification of the greenhouse gas statements of Greenhouse Gas Inventory Management Report (2025) (hereafter the "Inventory Report") in Taiwan, R.O.C., with respect to the sites as below and 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. The further descriptions for the Reporting Boundary listed in Appendix B.

Verification Criteria and GHG Programme

The verification was performed on the basis of Financial Supervisory Commission Sustainable Development Roadmap Scheme and ISO 14064-1:2018, CNS 14064-1:2021 as well as criteria given to provide for consistent GHG emission identification, calculation, monitoring and reporting. The verification was conducted in accordance with ISO 14066:2023, ISO 14065:2020, ISO14064-3:2019.

Verification Opinion

It is DNV's opinion that the Inventory Report (2025), which was published on March 24, 2026(Fourth Version), 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) GHG emissions and Indirect GHG emissions from imported energy (Category 2), the reliability of the information within the Inventory Report (2025) was verified with reasonable level of assurance.
- For the other indirect GHG emissions, the involved information was verified with limited level of assurance.

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

GHG Verifier :
Wen Hsuan Scott, Zheng

Scott Zheng

For the issuing office:
DNV Business Assurance Co., Ltd.

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Management Representative

The Appendix forms an integral part of this Certificate, which shall be invalid when used without the Appendix.
Lack of fulfillment of conditions as set out in the Verification Agreement may render this Verification 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.
The issuing office : 29FL, No. 293, Sec. 2, Wenhua Rd., Banqiao District, New Taipei City 220, Taiwan Tel.: +886-2-82537800. <https://www.dnv.com/tw/>
DNV ZNATW-OP-F50, Rev.14, 2025-03

● 2025年GHG Protocol查證聲明書



Independent Verification Opinion

Verification Opinion No.:
C844014-2025-AG-TWN-DNV

Issued Place and Date:
Taipei, 16 April, 2026

Page 1 of 2

This is to verify initiate reporting of Greenhouse Gas Inventory Management Report (2025) of

MARKETECH INTERNATIONAL CORP. GROUP.

Scope of Verification

DNV Business Assurance (DNV) has been commissioned by MARKETECH INTERNATIONAL CORP. GROUP. (hereafter "the Organization") to perform a verification of the greenhouse gas statements of Greenhouse Gas Inventory Management Report (2025) (hereafter the "Inventory Report") in Taiwan, R.O.C., with respect to the sites as below and 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. The further descriptions for the Reporting Boundary listed in Appendix B.

Verification Criteria and GHG Programme

The verification was performed on the basis of Financial Supervisory Commission Sustainable Development Roadmap Scheme and GHG Protocol :2019 as well as criteria given to provide for consistent GHG emission identification, calculation, monitoring and reporting. The verification was conducted in accordance with ISO 14066:2023, ISO 14065:2020, ISO14064-3:2019.

Verification Opinion

It is DNV's opinion that the Inventory Report (2025), which was published on March 24, 2026(Fourth Version), 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) GHG emissions and Indirect GHG emissions from imported energy (Category 2), the reliability of the information within the Inventory Report (2025) was verified with reasonable level of assurance.
- For the other indirect GHG emissions, the involved information was verified with limited level of assurance.

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

GHG Verifier :
Wen Hsuan Scott, Zheng

Scott Zheng

For the issuing office:
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DNV ZNATW-OP-F50, Rev 14, 2025-03

● 2024年ISO 14064-1查證聲明書



Independent Verification Opinion

Verification Opinion No.:
C752541-2024-AG-TWN-DNV

Issued Place and Date:
Taipei, 23 April, 2025

Page 1 of 2

This is to verify initiate reporting of Greenhouse Gas Inventory Management Report (2024) of

MARKETECH INTERNATIONAL CORP. GROUP

Scope of Verification

DNV Business Assurance (DNV) has been commissioned by MARKETECH INTERNATIONAL CORP. GROUP (hereafter "the Organization") to perform a verification of the greenhouse gas statements of Greenhouse Gas Inventory Management Report (2024) (hereafter the "Inventory Report") in Taiwan, R.O.C. with respect to the sites as below and sites listed as Appendix A.

Site	Address
MARKETECH INTERNATIONAL CORP. GROUP	6F, No. 3-2, YuanCyu St., Nangang Dist., Taipei City 11503, Taiwan

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 with Financial Supervisory Commission Sustainable Development Roadmap Scheme and ISO 14064-1:2018, CNS 14064-1:2021 as well as criteria given to provide for consistent GHG emission identification, calculation, monitoring and reporting. The verification was conducted in accordance with ISO 14066:2023, ISO 14065:2020, ISO14064-3:2019.

Verification Opinion

It is DNV's opinion that the Inventory Report (2024), which was published on March 18, 2025 (Version 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) GHG emissions and Indirect GHG emissions from imported energy (Category 2), the reliability of the information within the Inventory Report (2024) was verified with reasonable level of assurance.
- For the other indirect GHG emissions, the involved information was verified with limited level of assurance.

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

GHG Verifier :
Alvin Chen

For the issuing office:
DNV Business Assurance Co., Ltd.

Management Representative

The Appendix forms an integral part of this Certificate, which shall be invalid when used without the Appendix.
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The issuing office : 29F, No. 293, Sec. 2, Wenhua Rd., Banqiao District, New Taipei City 220, Taiwan Tel.: +886-2-82537800. <https://www.dnv.com/tw/>
DNV ZNATW-OP-F56, Rev.12, 2025-01

● 2024年GHG Protocol查證聲明書



Independent Verification Opinion

Verification Opinion No.:
C806815-2024-AG-TWN-DNV

Issued Place and Date:
Taipei, 18 August, 2025

Page 1 of 2

This is to verify initiate reporting of Greenhouse Gas Inventory Management Report (2024) of

MARKETECH INTERNATIONAL CORP. GROUP

Scope of Verification

DNV Business Assurance (DNV) has been commissioned by MARKETECH INTERNATIONAL CORP. GROUP (hereafter "the Organization") to perform a verification of the greenhouse gas statements of Greenhouse Gas Inventory Management Report (2024) (hereafter the "Inventory Report") in Taiwan, R.O.C. with respect to the sites as below and sites listed as Appendix A.

Site	Address
MARKETECH INTERNATIONAL CORP. GROUP	6F, No. 3-2, YuanCyu St., Nangang Dist., Taipei City 11503, Taiwan

The Reporting Boundary for the verification including direct GHG emissions and removals, indirect GHG emissions from imported energy and Other indirect GHG emissions.

Verification Criteria and GHG Programme

The verification was performed on the basis of with Financial Supervisory Commission Sustainable Development Roadmap Scheme and GHG Protocol as well as criteria given to provide for consistent GHG emission identification, calculation, monitoring and reporting. The verification was conducted in accordance with ISO 14066:2023, ISO 14065:2020, ISO14064-3:2019.

Verification Opinion

It is DNV's opinion that the Inventory Report (2024), which was published on March 18, 2025 (Version 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 (Scope 1) GHG emissions and Indirect GHG emissions from imported energy (Scope 2), the reliability of the information within the Inventory Report (2024) was verified with reasonable level of assurance.
- For the other indirect GHG emissions, the involved information was verified with limited level of assurance.

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

GHG Verifier:
Alvin Chen

For the issuing office:
DNV Business Assurance Co., Ltd.

Management Representative

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DNV ZNATW-OP-F56, Rev.12, 2025-01