



VERIFICATION STATEMENT OF GREENHOUSE GAS ASSERTIONS

Statement No.:
10000500278-MSC-TAF-TWN

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This is to verify the reporting of Greenhouse Gas Inventory Management Report (2020) of

CHIMEI CORPORATION

Scope of Verification

DNV Business Assurance (DNV) has been commissioned by CHIMEI CORPORATION to perform a verification of the greenhouse gas assertion of Greenhouse Gas Inventory Management Report (2020) (hereafter the "Inventory Report") with respect to the sites listed in next page.

Verification Criteria and GHG Programme

The verification was performed on the basis of ISO 14064-1:2006 and CNS 14064-1:2006 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 and ISO 14064-3:2019.

Verification Statement

It is DNV's opinion that with reasonable assurance the greenhouse gas assertion of the Inventory Report, which was published in 22 June, 2021, is free from material discrepancies in accordance with the verification criteria identified as stated above.

Chien Yi Jerry Huang
GHG Verifier

Place and date:
Taipei, May 25 ~ Oct. 4, 2021



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



Supplement to Statement

Process and Methodology

The reviews of the Inventory Report and the subsequent follow-up interviews have provided DNV with sufficient evidence to determine the fulfilment of stated criteria.

Quantification of Greenhouse Gas Emission

The Inventory Report covering the period 1st January to 31st December, 2020, during the verification process, all the Scope 1 and Scope 2 emissions and removals identified in the Inventory Report within the Organizational Boundary has been verified in accordance with the verification criteria, it is DNV's opinion that the Inventory Report results in quantification of GHG emissions that are real, transparent and measurable.

Organizational Boundary of Verification

Financial Management Control Operational Management Control Equity Share

GHGs Verified

CO₂ CH₄ N₂O HFCs PFCs SF₆ NF₃

Site	Address	Total Direct Emissions (Tonnes CO ₂ -e)	Total Energy Indirect Emissions (Tonnes CO ₂ -e)	Total GHG Emissions (Tonnes CO ₂ -e)
1	Building A, No. 398, Sec. 1, Zhongzheng Rd., Wenxian VII, Rende Dist., Tainan City, Taiwan, R.O.C.	154,798.0233	259,602.9728	414,400.996
2	No. 375, Xingang Rd., South Dist., Tainan City, Taiwan, R.O.C.	268.1660	1,231.7574	1,499.923
3	No. 36, Kaifa 4th Rd., Rende Dist., Tainan City, Taiwan, R.O.C.	169,220.7057	30,281.5456	199,502.251
4	No. 18, Wangjia Rd., Xinshi Dist., Tainan City, Taiwan, R.O.C.	1,840.7109	8,173.7648	10,014.476
Total		326,127.6059	299,290.0406	625,417.646

The Indirect Emissions was calculated based on 2020 electricity emission factor of 0.502 kg CO₂-e/kwh, which was announced by Bureau of Energy, Ministry of Economic Affairs. The Global Warming Potential (GWP) defined in IPCC AR4 (2007) has been chosen and correctly referred by the Organization.

Verification Opinion

Verified without Qualification
 Unable to Verify



ASSURANCE STATEMENT

Introduction

DNV Business Assurance Co. Ltd. Taiwan ('DNV') has been commissioned by the management of CHIMEI CORPORATION ('ChiMei' or 'the Company') to carry out an assurance engagement on the Company's 2020 Greenhouse Gas Scope 3 Emissions Report ('the Report') against the "Corporate Value Chain (Scope 3) Accounting and Reporting Standard," and "Guidance for Calculating Scope 3 Emissions" developed by WRI & WBCSD. The verification was conducted in accordance with ISO 14066:2011, ISO 14065:2013 and ISO 14064-3:2006 and the DNV Protocol for Verification of Sustainability Reporting (VeriSustain®).

The management of CHIMEI CORPORATION is responsible for the collection, analysis, aggregation and presentation of information within the Report. Our responsibility in performing this work is to the management of CHIMEI CORPORATION only and in accordance with terms of reference agreed with the Company. The management of CHIMEI CORPORATION are the intended users of this statement. We consent to the release of this assurance statement by CHIMEI CORPORATION in order to satisfy the terms of CDP disclosure requirements but without accepting or assuming any responsibility or liability on our part to CDP or to any other party who may have access to this assurance statement or our assurance report. The assurance engagement is based on the assumption that the data and information provided to us is complete and true.

Scope of Assurance

The scope of work agreed upon with CHIMEI CORPORATION is the Scope 3 CO₂e emissions (with specified/limited list of sources of Scope 3 emissions) included the following:

Category	Boundary
Indirect GHG emissions from transportation	<ul style="list-style-type: none"> -Upstream transportation and distribution-the greenhouse gas emissions emitted during the transportation of the spare parts and consumables on-board supplies purchased. -Downstream transportation and distribution-Long distance transportation overseas including distribution to China, U.S.A. and HongKong -Business travel-employee travel overseas by air transportation. -Employee commuting-employee commuting includes vehicles and motorcycles or public transportation.
Indirect GHG emissions from products used by the Organization	<ul style="list-style-type: none"> -Product purchased-the GHG emitted related to the annual purchases of top 5 raw material, -Product of purchased energy (electricity, oil and fuel), but not included in scope 1 and 2. -Disposal of solid and liquid waste-the GHG emitted related to waste disposal.

Verification Methodology

The verification was conducted by DNV from May 25, 2021, by suitably qualified and experienced professionals, in accordance with ISO 14066:2011, ISO 14065:2013, ISO 14064-3:2006 and DNV Protocol VeriSustain.

The Report has been evaluated against the following criteria:

- In accordance with the "Corporate Value Chain (Scope 3) Accounting and Reporting Standard," and "Guidance for Calculating Scope 3 Emissions" developed by WRI & WBCSD;
- Adherence to principles set out in DNV's Protocol VeriSustain.

During the assurance engagement, we have taken a risk-based approach, meaning that we concentrated our verification efforts more on the high material data flow. We have challenged the statements and claims made in the Report and assessed the robustness of the underlying data management flow and controls. In doing so, we have:

- Examined and reviewed documents, data and other information made available to DNV by CHIMEI CORPORATION;
- Visited the head-office and the related operation offices located in Taiwan;
- Performed sample-based checks of the emissions dataset and consolidation process;
- Review of procedures for collection of activity data and emission factor and calculations including routines for data quality management.

Conclusions

It is DNV's opinion, in accordance with limited assurance, we conclude that no systematic errors were detected which causes us to believe that the specified data presented in the Report is not reliable in accordance with the "Corporate Value Chain (Scope 3) Accounting and Reporting Standard," and "Guidance for Calculating Scope 3 Emissions".



ASSURANCE STATEMENT

Quantification of Greenhouse Gas scope 3 Emission

The CO₂-e scope 3 emissions (with specified boundary) of CHIMEI CORPORATION Greenhouse Gas Scope 3 Emissions Report (2020), dated July 2021, covering the period January 1st, 2020 to December 31st, 2020:

Category	Item	Tonnes CO ₂ e
Indirect GHG Emissions from transportation	Upstream transportation and distribution-the greenhouse gas emissions emitted during the transportation of the spare parts and consumables on-board supplies purchased.	119,442.1868
	Downstream transportation and distribution-Long distance transportation overseas including distribution to China, U.S.A. and HongKong	39,442.2286
	Business travel-employee travel overseas by air transportation	11.9431
	Employee commuting-employee commuting includes vehicles and motorcycles or public transportation	1,393.1499
Indirect GHG emissions from products used by the Organization	Product purchased-the GHG emitted related to the annual purchases of top 5 raw material.	2,741,435.3849
	Product of purchased energy (electricity, oil and fuel), but not included in scope 1 and 2.	132,701.3007
	Disposal of solid and liquid waste-the GHG emitted related to waste disposal	411.9977

Limitations

This statement is based upon the application of sample principles and professional judgment to certain facts, with resulting subjective interpretations. Professional judgments expressed herein are based upon the facts currently available within the limits of the existing data, scope of work, the budget and time schedule. Therefore we cannot provide guarantees that further relevant aspects may not arise in the future which were not known to us during the investigation.

DNV's Competence and Independence

DNV is a global provider of sustainability services, with environmental and social assurance specialists working in over 100 countries. DNV was not involved in the preparation of any statements or data included in the Report except for this Assurance Statement. DNV expressly disclaims any liability or co-responsibility for any decision a person or entity would make based on this Assurance Statement.

For DNV Business Assurance Co. Ltd. Taiwan,
Signed:

Name of Lead Verifier: Chien Yi Jerry Huang
DNV Business Assurance Co. Ltd.,
Taiwan, 19 July, 2021

Signed:

Name of Reviewer: David Hsieh
District Manager

Statement Number: 10000474795-MSD-DNV-TWN