

VERIFICATION OPINION DECLARATION: GREENHOUSE GAS EMISSIONS

To: The Intended Users and Stakeholders of Oceana Group Limited

- **Organization:** Oceana Group Limited (hereafter, 'Oceana' or 'OGL')
- **Address:** Oceana House, 9th Floor, 25 Jan Smuts Street, Foreshore, Cape Town, 8001, South Africa
- **Verification Standard:** ISO 14064-3:2019 'Specification with guidance for the verification and validation of greenhouse gas statements'
- **Verification Criteria:** WRI/WBCSD Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard, 2004, and subsequent Amendments; South Africa's National GHG Emission Reporting Regulations (NGERs)¹ and accompanying *Methodological Guidelines*.²
- **GHG Inventory Period:** 01 October 2021 to 30 September 2022 (FY2022)
- **GHG Consolidation Approach:** Operational Control

Oceana operates in the fishing sector in Southern Africa, with both vessels and land-based facilities that catch and process fish into frozen and canned product, fishmeal and fish oil. Oceana also operates a fishmeal/fish oil production facility in the USA and provides logistics and commercial cold storage space through strategically located refrigerated warehouses in South Africa and Namibia.

Oceana engaged Verify CO₂ to conduct an independent greenhouse gas (GHG) verification with the objective of confirming that their FY2022 GHG statement is accurate and conforms with the stated criteria. This verification opinion declaration applies to the related information included within the scope of work described below.

Responsible Parties

Oceana nominated a third party³ to prepare the GHG statement set out below but retains sole responsibility for its preparation and fair presentation in accordance with the stated criteria.

Verify CO₂'s responsibility is to express an independent opinion on Oceana's GHG statement regarding:

1. Conformity with the principles and requirements of the WRI/WBCSD *GHG Protocol Corporate Accounting and Reporting Standard* (the verification criteria); and
2. Completeness and accuracy of the activity data and GHG emissions quantification.

Following two consecutive years of reasonable assurance, Oceana requested a limited level of assurance. It should be noted that verification activities performed to achieve a limited level of assurance are less extensive in nature, timing and extent than those for reasonable assurance.

GHG quantification is subject to inherent uncertainty as the methods used to determine, calculate, sample and estimate GHG data rest upon incomplete scientific knowledge.

Verification Scope

- **Organisational Boundary:** Oceana-controlled vessels, land-based production, storage and support facilities in South Africa, Namibia and the USA. There were no significant structural changes to the Group during FY2022.⁴
- **Reporting Boundary:** All scope 1 and scope 2 GHG emissions sources, as well as the 5 scope 3 GHG categories that are currently measured by Oceana.⁵ Applicable GHGs types are: CO₂; CH₄; N₂O; HFCs and HCFCs.
- **Reporting Exclusions:** There were no relevant exclusions from Oceana's FY2022 GHG reporting.

¹ "National Greenhouse Gas Emission Reporting Regulations", (NGERs), DFFE (03 April 2017, amended 11 September 2020)

² "Methodological Guidelines for Quantification of Greenhouse Gas Emissions", MG-2022.1, DFFE (October 2022)

³ Data compilation and GHG quantification were carried out by Promethium Carbon on behalf of Oceana.

⁴ Four Lucky Star vessels were held for sale (only 1 transferred). This had no impact Oceana's reporting as they weren't in use.

⁵ Only 7 of the 15 scope 3 categories are relevant to Oceana: **Reported:** Categories 1; 3; 5; 6; 7 **Omitted:** Categories 4; 9

- **Verification Exclusions:** Production/output values used to calculate intensity ratios weren't verified to source. **100% of Oceana's reported scope 1, scope 2 and measured scope 3 GHG emissions were verified.**

GHG Statement

After correcting various misstatements, the FY2022 GHG emissions statement was finalized on 12 December 2022, as set out below (together with the restated FY2021 GHG emissions statement):

OGI FY2022: GHG Emissions Statement (metric tonnes CO ₂ e)	FY2021 ⁶	FY2022
Scope 1	135,646 ⁶	154,577
Scope 2 (location-based) ⁷	51,124	50,524
Scope 2 (market-based) ⁸	51,120	50,526
Total Scopes 1 & 2 (location-based)	186,770	205,101
Scope 3	62,713	72,232
Cat.1: Purchased Goods & Services: Water & Packaging Materials	19,729	23,110
Cat.3: Fuel & Energy-related Activities (Electricity T&D Losses)	34,594	38,400
Cat.5: Waste Generated in Operations	1,344 ⁶	3,499
Cat.6: Business Travel	1,393	1,510
Cat.7: Employee Commute	5,653	5,712
Total Scopes 1, 2 & 3 (location-based)	249,484	277,333
Outside of Scopes (Fugitive refrigerant emissions: HCFC-22) ⁹	83,203	80,622
Total measured GHG emissions (location-based)	332,687	357,956

Level of Assurance and Qualifications

- The verification activities provided a limited level of assurance on the final GHG statement above.
- A materiality threshold of 5% per emissions source was applied.
- The following qualifications were raised in relation to the unmodified verification opinion:

Scope 3

- GHG emissions associated with purchased packaging materials as well as non-SA municipal water are only indicative, as country-specific emission factors were not used.
- Broad assumptions were made to calculate waste and employee commute emissions.

GHG Verification Activities

The evidence-gathering verification procedures included but were not limited to:

- Liaison with Oceana's Sustainability & Compliance Executive regarding GHG data management queries, structural/boundary changes as well as to clarify and provide evidence for deviations and anomalies noted.
- Risk assessment based on a review of the historical documentation that supported the reported information.
- Testing a sample of the historical data used to calculate GHG emissions to assess reasonableness.

⁶ Restated. Scope 1 - natural gas usage under-reported; Scope 3 - BCP SA sludge waste moved from landfilled to recycled.

⁷ Eskom's FY2022 generation emission factor was not available so the FY2021 emission factor was used.

⁸ No contractual instruments were used by Oceana in FY2022. Residual mix emission factors are not available for South Africa and Namibia. The SRMV residual mix emission factor was used to calculate the USA's market-based scope 2 emissions. Only a location-based total was reported as scope 2 emissions for the USA accounted for only 7.4% of overall scope 2 emissions.

⁹ Fugitive GHG emissions from refrigerant gases not listed under the Kyoto Protocol are reported outside of the scopes. These emissions are included in Oceana's GHG intensity ratios and targets.

- Analytical procedures to assess completeness and accuracy of the GHG data including year-on-year variance checks, cross-checking against source data, recalculation and tracing of primary data to GHG information.
- Evaluation of the appropriateness of the estimation methodologies and assumptions used.
- Accuracy and consistency of the GHG emissions and GHG intensity calculations.
- Evaluation of conformity of the GHG statement with the verification criteria referenced above.

The following additional data points were verified for the purposes of Oceana’s CDP 2023 Climate Change and Water Security submissions.

OGL FY2022: Additional Verified Information	
Consumption of fuel for heat generation:	546,793 MWh
Consumption of fuel for self-generation of electricity:	8,358 MWh
Consumption of purchased/acquired electricity:	55,693 MWh
Consumption of renewable self-generated electricity:	750 MWh
Consumption of non-renewable self-generated electricity:	3,009 MWh
Municipal water consumption:	372,073 kl
Year-on-year change in emissions:	Scope 1; Scope 2; Scopes 1,2; Scope 3; Scopes 1,2,3; Out of Scope
Year-on-year emissions intensity ratios:	OGL (excl. Corporate); Divisional

Conclusion and Final Verifier Opinion - Unmodified

Misstatements identified during the verification were duly corrected. Based on the evidence obtained whilst conducting the limited assurance procedures according to ISO 14064-3:2019 and applying the stated criteria, there is no evidence that the Oceana GHG statement set out above:

1. is not materially correct and is not a fair, complete and accurate representation of Oceana’s GHG emissions data and information for the FY2022 reporting period; and
2. has not been prepared in accordance with the principles and requirements of the WRI/WBCSD *GHG Protocol Corporate Accounting and Reporting Standard* as well as the South African *NGERs* (where applicable).

Notwithstanding the above qualifications, it is our opinion that Oceana has established appropriate systems for the collection, aggregation and analysis of data for quantifying the GHG emissions for the stated period and boundaries. Verify CO₂ did not conduct any work outside of the agreed scope, and our opinion is therefore restricted to the agreed subject matter.

Statement of Competence, Independence and Impartiality

Having completed more than 100 corporate GHG verification assignments over the past 10 years, the verification team has extensive experience in both the quantification and verification of GHG data.

We conducted this verification independently and, to our knowledge, there has been no conflict of interest. No member of the verification team has a business relationship with Oceana beyond that required of this assignment.

Attestation:



Kerry Evans
Lead GHG Verifier, Verify CO₂
 Cape Town, South Africa
Date: 14.12.2022

Independent Reviewer

Date: