

Corporate GHG emission report

Coverage	EIZO Corporation 153 Shimokashiwano, Hakusan, Ishikawa 924-8566 Japan EIZO MS Corporation (Hakui factory) 37-9-Re Jike, Hakui, Ishikawa 925-8566 Japan EIZO MS Corporation (Nanao factory) Abu 8-2, Fujihashi, Nanao, Ishikawa, 926-8566 Japan
Scope	Scope 1, Scope 2, Scope 3 (Category 1, 2, 3, 4, 5, 6, 7, 11, 12)
Reporting year	2020 (April 2019 to March 2020)
Target GHGs	CO2, CH4, N2O, HFC/PFC, SF6, NF3
Referenced standard	ISO 14064 WRI GHG Protocol Corporate Value Chain (Scope 3)
GHG Emissions	t-CO2e
Scope 1	333
Scope 2	4,057
Scope 3	374,851
Total GHG Emissions	379,241
Coverage	100%. No-exclusion.
Create by	Hirofumi Moriwaki Manager, Regulatory Compliance and Safety EIZO Corporation 153 Shimokashiwano, Hakusan, Ishikawa 924-8566 Japan
Creation data	December 11, 2020

Limited Assurance Verification Statement

This limited assurance verification was prepared for EIZO Co., Ltd. on behalf of UL Japan Inc.

Company Name: EIZO Co., Ltd.

Company Address: 153 Shimokashiwano, Hakusan, Ishikawa 924-8566 Japan

Company Contact: Hirofumi Moriwaki, Manager, Regulatory Compliance and Safety

This verification was performed in accordance with the specification and guidance defined in ISO 14064-3.

Introduction

The verification of EIZO's corporate greenhouse gases (GHG) was carried out by Thrive ESG, on behalf of UL Japan Inc., for EIZO's Manager of Regulatory Compliance and Safety who holds corporate responsibility for EIZO's GHG inventory and reporting and is responsible for the preparation and fair presentation of the GHG statement in accordance with the criteria. Thrive ESG is responsible for expressing an opinion on the GHG statement based on the verification.

Verification Scope and Objectives

The limited assurance verification was carried out on EIZO's declared GHG inventory for the period April 2019 through March 2020. Activities within EIZO's organizational boundaries cover three locations in Japan where EIZO has the management authority to introduce and implement directives and policies for these operations, including:

- EIZO Headquarters located at 153 Shimokashiwano, Hakusan, Ishikawa 924-8566 Japan
- EIZO Hakui factory located at 37-9-Re Jike, Hakui, Ishikawa 925-8566 Japan
- EIZO Nanao factory located at Abu 8-2, Fujihashi, Nanao, Ishikawa, 926-8566 Japan

The GHG inventory included scope 1 stationary sources (kerosene and LPG fuels), scope 2 market-based electricity emissions, and scope 3 purchased goods and services, capital goods, fuel and energy related activities (not included in scopes 1 or 2), upstream transportation and distribution, waste generated in operations, business travel, employee commuting, use of sold products, and end-of-life treatment of sold products.

The main objectives of the verification were as follows:

- To conduct limited assurance verification of EIZO's scope 1, scope 2, and scope 3 GHG emission inventory estimates for the period April 2019 through March 2020, detailed above.
- To evaluate how the collation and management of the EIZO GHG inventory conforms to the criteria, principals, and requirements of the World Resources Institute and the World Business Council for Sustainable Development GHG Protocol, 2004 (hereafter "GHG Protocol") and International Standard for the Validation and Verification of Greenhouse Gas Assertions (ISO 14064-3).
- To use this verification process to support EIZO's continuous improvement of voluntary GHG accounting data, procedures, and management.

The criteria for this verification are defined by the GHG Protocol and detailed in ISO 14064-3.

Verification Process

Thrive ESG conducted the verification as follows:

- Reviewed EIZO's GHG inventory approach in terms of boundary setting, calculation methods, and data collection;
- Developed a risk-based verification plan and evidence-gathering plan that focused on documentation of the source data, emission factors, and calculations performed to estimate EIZO's GHGs; and
- Corresponded by e-mail, with UL Japan as liaison, with key stakeholders to review the information systems and controls in place and to assess the accuracy and robustness of the systems and to verify boundaries, documentation, and methods.

Verification Findings

The verification resulted in various observations. The following is a summary of our findings:

- Thrive ESG reviewed the emission factors, global warming potentials, and conversion factors used in the EIZO inventory calculations. EIZO used appropriate emission factors provided by the government of Japan and the latest global warming potentials available from the International Panel on Climate Change (IPCC) Fifth Assessment Report.
- Thrive ESG reviewed corporate documentation of scope 1 and scope 2 emission sources covering 100% of those emissions. We did not find material or systematic errors. We provided feedback to EIZO requesting the calculation of full CO₂-equivalent emissions beyond the component greenhouse gas emission totals and EIZO accepted our request.
- Thrive ESG reviewed corporate documentation supporting the reported activity amounts used to estimate scope 3 emissions. We did not find material or systematic errors in these estimates.
- EIZO does not consider fugitive refrigerant emissions from operations to be material and excludes them from their accounting. Thrive ESG considers this exclusion to not be a material misstatement and we recommend these be considered for inclusion in the future once data collection procedures are established.
- EIZO's largest source of reported emissions (66%) is from the use of its sold product, primarily computer monitors. Though the use of the products is outside of EIZO's operational control, reasonable assumptions were used to represent active use, inactive use, and product lifetime to estimate electricity consumption and resulting emissions. We did not find material or systematic errors in these calculations.
- EIZO's second largest source of reported emissions (30%) is from purchased goods and services, primarily components for its monitors. Actual spend amounts were used in combination with industry sector emission factors to estimate these emissions. We found a material error in the initial calculation, specifically regarding a conversion from yen to million yen of spend. We suggested a change and EIZO corrected the issue.

Conclusion

The EIZO GHG inventory was prepared according to the requirements defined by the GHG Protocol. Table 1 summarizes the EIZO GHG inventory subject to this review.

Table 1. Summary of EIZO GHG Inventory

Emission Scope	Emission Source	April 2019 - March 2020 Emissions (MT CO ₂ e)
Scope 1	Fuel in Stationary Equipment	333 MT CO ₂ e
Scope 2 (Market-Based)	Electricity	4,057 MT CO ₂ e
Scope 3	Category 1: Purchased Goods	114,707 MT CO ₂ e
Scope 3	Category 2: Capital Goods	4,735 MT CO ₂ e
Scope 3	Category 3: Fuel- and Energy-Related Activities Not Included in Scope 1 or Scope 2	628 MT CO ₂ e
Scope 3	Category 4: Upstream Transportation and Distribution	2,714 MT CO ₂ e
Scope 3	Category 5: Waste Generated in Operations	205 MT CO ₂ e
Scope 3	Category 6: Business Travel	540 MT CO ₂ e
Scope 3	Category 7: Employee Commuting	571 MT CO ₂ e
Scope 3	Category 11: Use of Sold Products	250,316 MT CO ₂ e
Scope 3	Category 12: End-of-Life Treatment of Sold Products	434 MT CO ₂ e

Based on the process and procedures conducted, there is no evidence that the EIZO GHG statement for April 2019 through March 2020;

- is not materially correct and is not a fair representation of GHG data and information;
- has not been prepared in accordance with related International Standards on GHG quantification, monitoring and reporting, or to relevant national standards or practices.

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Signature: 

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