

Assurance Statement related to Asahi Group Holdings, Ltd. 's Scope 3 GHG Emissions Data for the calendar year 2017

Terms of Engagement

This assurance statement has been prepared for Asahi Group Holdings, Ltd.

Lloyd's Register Quality Assurance Ltd. (LR) was commissioned by Asahi Group Holdings, Ltd. (AGH) to assure its greenhouse gas (GHG) emissions data for the calendar year 2017, that is, 01 January to 31 December 2017, (hereafter referred to as "the Report").

The Report relates to the GHG emissions data from the domestic business activities in Japan of Asahi Brewery Co., Ltd. and Asahi Beverage Co., Ltd., which are core operating companies of the Asahi Group.

The Categories 8, 10, 13, 14 and 15 out of the Scope 3 were excluded since AGH had no business activity falling in the Categories and not applicable.

And our terms of engagement excluded the GHG emissions data associated with AGH's overseas business activities and from the subsidiary companies.

Management Responsibility

AGH's management was responsible for preparing the Report and for maintaining effective internal controls over the data and information disclosed. LR's responsibility was to carry out an assurance engagement on the Report in accordance with our contract with the AGH.

Ultimately, the Report has been approved by, and remains the responsibility of the AGH.

LR's Approach

Our verification has been conducted in accordance with ISO14064-3:2006 '*Specification with guidance for validation and verification of greenhouse gas assertions*' and with taking into account the Greenhouse Gas Protocol, '*Corporate Value Chain (Scope 3) Accounting and Reporting Standard*' to provide limited assurance that GHG emissions data as presented in the Report have been prepared in conformance with AGH's in-house reporting procedures which refer to '*Basic Guidelines for calculating GHG emissions in the Supply Chain*¹'.

To form our conclusions the assurance engagement was undertaken as a sampling exercise and covered the following activities:

- reviewed processes related to the control of GHG emissions data and records;
- interviewed relevant staff of the organization responsible for managing GHG emissions data and records; and
- verified historical GHG emissions data and records at an aggregated level for the calendar year 2017.

Level of Assurance & Materiality

The opinion expressed in this Assurance Statement has been formed on the basis of a limited level of assurance and at a materiality of the professional judgment of the verifier.

LR's Opinion

Based on LR's approach nothing has come to our attention that would cause us to believe that the total GHG emissions disclosed in the Report as summarized in Table 1 below are not materially correct and the Report has not been prepared in conformance with AGH's in-house reporting procedures.

¹ Ministry of the Environment and Ministry of Economy, Trade and Industry

LR's Recommendations

This time, the Asahi Beverage Co., Ltd. has identified a calculation error due to a unit error when reporting the amount of waste generated. In the future, it is expected that a verification system will be built, and more accurate data will be obtained.

Dated: 10 May 2019

Signed



Saeko Shimizu
LR Lead Verifier

On behalf of Lloyd's Register Quality Assurance Limited

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LR reference: YKA4005296

Table 1. Summary of Asahi Group Holdings, Ltd.'s GHG emissions CY2017 (Scope3)

Category	Tonnes CO ₂ e
① Purchased goods & services	1,821,151
② Capital goods	141,222
③ Fuel- and energy-related activities	60,075
④ Upstream transportation & distribution	370,306
⑤ Waste generated in operations	3,585
⑥ Business travel	947
⑦ Employee commuting	2,659
⑧ Upstream leased assets	Not applicable
⑨ Downstream transportation & distribution	136,666
⑩ Processing of sold products	Not applicable
⑪ Use of sold products	324,980
⑫ End of life treatment of sold products	49,991
⑬ Downstream leased assets	Not applicable
⑭ Franchises	Not applicable
⑮ Investments	Not applicable
Total GHG Emissions	2,911,582

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Due to inherent limitations in any internal control, it is possible that fraud, error, or non-compliance with laws and regulations may occur and not be detected. Further, the verification was not designed to detect all weakness or errors in internal controls so far as they relate to the requirements set out above as the verification has not been performed continuously throughout the period and the verification carried out on the relevant internal controls were on a test basis. Any projection of the evaluation of control to future periods is subject to the risk that the processes may become inadequate because of changes in conditions, or that the degree of compliance with them may deteriorate.

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