

**Assurance Statement related to
GHG Emissions Inventory, Environmental Performance Data, and Environmental
Performance Indicators for CY 2016
prepared for Marriott International, Inc.**

Terms of Engagement

This Assurance Statement has been prepared for Marriott International, Inc. (Marriott).

Lloyd's Register Quality Assurance, Inc. (LRQA) was commissioned by Marriott to assure its greenhouse gas (GHG) emissions inventory, environmental performance data and environmental performance indicators for the calendar year 2016 (hereafter referred to as "the Report").

The Report includes data and information for both Marriott and Starwood Hotels & Resorts Worldwide, Inc. (Starwood) and relates to the following data:

- Scope 1 and Scope 2 GHG emissions;
- Scope 3 GHG emissions from Marriott and Starwood franchised properties;
- Energy Use (kWh) and Water Use (million cubic meters); and
- Environmental Performance Indicators for Marriott (excludes all Starwood properties): GHG Intensity (kg / square meter), Water Intensity (million cubic meters / occupied room), and Energy Intensity (kWh/square meter of conditioned space).

Management Responsibility

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

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

LRQA's Approach

Our verification has been conducted in accordance with ISO 14064–3:2006 *Specification with guidance for validation and verification of greenhouse gas assertions* for the GHG data and LRQA's Verification Approach for the environmental performance data and environmental performance indicators to provide limited assurance that the data as presented in the Report have been prepared in conformance with World Resource Institute / World Business Counsel for Sustainable Development (WRI/WBCSD) GHG Protocol A *Corporate Accounting and Reporting Standard* and Marriott & Starwood's internal procedures.

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

- Interviewed relevant staff of the organization responsible for managing GHG emissions and environmental performance data and records;
- Reviewed processes for the management of data and information related to the GHG emissions and environmental performance used at the Marriott and Starwood corporate level; and
- Verified GHG emissions data, environmental performance data, and environmental performance indicators at an aggregated level for the calendar year 2016.



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.

LRQA's Opinion

Based on LRQA's approach, nothing has come to our attention that would cause us to believe that the total Scope 1 GHG emissions, Scope 2 GHG emissions, Scope 3 GHG emissions, environmental performance data, and environmental performance indicators disclosed in the Report, as summarized in Tables 1 and 2 below, are not materially correct and have not been prepared in accordance with the WRI/WBCSD GHG Protocol and Marriott & Starwood's internal procedures, except for the following qualifications:

- Inconsistencies were noted between the supporting records provided during the verification and some of the activity data for Scope 1, Scope 2, and Scope 3 GHG emissions, as well as for energy use and water consumption. These inconsistencies are not material; and
- With the exception of the Starwood properties, the emission factors applied for Marriott's electricity consumption do not correspond to the most up to date factors available. These differences are not material.

LRQA's Recommendations

Marriott and Starwood should:

- Improve transparency in activity data through maintaining clear records of changes made to the finalized energy and water data; and
- Improve transparency in the greenhouse gas emission calculations and methodologies by documenting the key functions being performed in the GHG emissions calculation tool.

Signed

Natali P. Garfer

Dated: 18 May 2017

LRQA Lead Verifier
On behalf of Lloyd's Register Quality Assurance, Inc.
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LRQA reference number: RMA10234A

Table 1. Summary of Combined Marriott & Starwood GHG Emissions Inventory and Environmental Performance Data CY 2016

Item	Quantity	Units
Scope 1 Emissions	1,279,706	MT CO2e
Scope 2 Emissions (Location-Based)	5,554,203	MT CO2e
Scope 2 Emissions (Market-Based)	5,554,203	MT CO2e
Scope 3 Emissions (Franchised Properties)	4,892,048	MT CO2e
Total Water Consumption	125.4	Million Cubic Meters
Total Energy Use	16.8	Million MWh

Table 2. Summary of Marriott's (excludes all Starwood properties) Environmental Performance Intensity Metrics CY 2016

Environmental Performance Indicators	Americas	Asia Pacific	Europe	Middle East & Africa
Water Intensity (cubic meters per occupied room)	0.71	1.27	0.57	1.14
Energy Intensity (kilowatt hours per square meter of conditioned space)	337.7	348.6	405.7	371.6
GHG Emissions Intensity (kg per square meter)	117.7	182.6	113.0	164.9

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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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