LRQA Independent Assurance Statement

Relating to Bridgestone Group's Greenhouse Gas Emissions Inventory, Environmental and Social Data for the calendar year 2024

This Assurance Statement has been prepared for Bridgestone Corporation in accordance with our contract.

Terms of Engagement

LRQA was commissioned by Bridgestone Corporation ("the Company") to provide independent assurance on its greenhouse gas (GHG) emissions inventory, and on its environmental and social data ("the report") for the calendar year 2024, that is, from 1 January to 31 December 2024, against the assurance criteria below to a limited level of assurance at the materiality of the professional judgement of the verifier and using ISAE 3000 (Revised) and ISO 14064 - Part 3:2019 for GHG emissions.

Our assurance engagement covered Bridgestone Group's operations and activities in Japan and overseas and specifically the following requirements:

- Verifying conformance with the Company's reporting methodologies for the selected datasets:
- Evaluating the accuracy and reliability of data for only the selected indicators listed below:

  Environmental[1]
  - Amount of raw materials used, Ratio of Recycled/Renewable Material, Resource productivity
  - Total energy consumption, Energy consumption (fuels, consumption of fuels oriented from renewable energy, Energy consumption (purchased electricity, consumption of purchased electricity oriented from renewable energy, Energy consumption (purchased steam), Energy consumption (self-generated renewable electricity from non-fuel sources; solar, etc.), Electricity sold, Total energy consumption (renewable), Total energy consumption (non-renewable),
  - Total water withdrawal, Water withdrawal (surface water), Water withdrawal (groundwater), Water withdrawal (water supply, industrial water) and Water withdrawal (seawater) at target production sites and within water stress area,
  - GHG emissions [2] (Scope 1), GHG emissions (Scope 2) Market-based and Location-based, GHG emissions (Scope 3) Categories [3] 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 14 and 15,
  - Contribution to CO_2 Reduction by reducing rolling resistance, etc. (compared with 2020)[4]
  - NOx emissions, SOx emissions,
  - Volume of waste generated, Volume of recycled waste, Recycling waste rate, Volume of waste to landfill, Volume of regulated hazardous waste generated, Volume of regulated hazardous waste recycled, Volume of regulated hazardous waste to landfill,
  - Product Circularity[5], and
  - Sites with ISO14001 certification[6]

[1] *GHG quantification is subject to inherent uncertainty.*

[2] *Scope 1 and 2 GHG emissions are as defined in The Greenhouse Gas Protocol – A Corporate Accounting and Reporting Standard.*

[3] *The categories of Scope 3 GHG emissions are as defined in the Greenhouse Gas Protocol – Corporate Value Chain (Scope 3) Accounting and Reporting Standard, Table 5.3.*

[4] *Calculated using Bridgestone's calculation method based on the "Tyre $LCCO_2$ Calculation Guidelines Ver. 3.0.1" (The Japan Automobile Tyre Manufacturers Association, Inc) etc.*

[5] *A concept to show circularity of used products. The Group used the ratio of beneficial next use of used tires collected by its shops/stores (based on the number of shops/stores and contracts with processing companies) as the indicator for product circularity.*

[6] *It covers 96 production sites in Japan and overseas.*

Social

- Lost-time injury frequency rate of employees and temporary staff, Lost-time injury frequency rate of contractors, Serious injury rate of employees and temporary staff, Serious injury rate of contractors, Occupational illness frequency rate of employees and temporary staff, Number of Fatalities of employees and temporary staff, Number of Fatalities of contractors
- Sites with ISO 9001 certification[7], Sites with ISO 45001 certification[8], and
- Female ratio

Our assurance engagement excluded the data and information of the Company*'s* suppliers, contractors and any third-parties mentioned in the report.

LRQA's responsibility is only to the Company. LRQA disclaims any liability or responsibility to others as explained in the end footnote. the Company*'s* responsibility is for collecting, aggregating, analysing and presenting all the data and information within the Report and for maintaining effective internal controls over the systems from which the Report is derived. Ultimately, the Report has been approved by, and remains the responsibility of the Company.

LRQA's Opinion

Based on LRQA's approach nothing has come to our attention that would cause us to believe that the Company has not, in all material respects:

- Met the requirements of the criteria listed above; and
- Disclosed accurate and reliable performance data and information on GHG emissions and key environmental and social data as summarized in Table 1, 2, 3, 4, 5 below.

The opinion expressed is formed on the basis of a limited level of assurance[9] and at the materiality of the professional judgement of the verifier.

Table 1. Summary of Bridgestone Group's Scope 1,2 GHG Emissions Inventory for calendar year 2024

	GHG Emissions[10]	CO_2(t-CO_2)	CH_4(t-CO_2e)	N_2O(t-CO_2e)	TTL (t-CO_2e)
Production sites	Scope1	1,438,749	3,094	770	1,442,613
	Scope2(Location)	1,734,833	2,143	7,323	1,744,299
	Scope2(Market)	244,114	396	1,455	245,965
	Scope1+2(Location)	3,173,582	5,237	8,093	3,186,912
	Scope1+2(Market)	1,682,863	3,490	2,225	1,688,578
Non-Production sites	Scope1	66,540	186	46	66,771
	Scope2(Location)	115,985	94	356	116,435
	Scope2(Market)	88,136	63	268	88,467
	Scope1+2(Location)	182,525	280	402	183,206
	Scope1+2(Market)	154,675	249	314	155,238
	Scope1	1,505,289	3,280	816	1,509,385

[7] *It covers 114 production sites in Japan and overseas.*

[8] *It covers 105 production sites in Japan and overseas.*

[9] The extent of evidence-gathering for a limited assurance engagement is less than for a reasonable assurance engagement. Limited assurance engagements focus on aggregated data rather than physically checking source data at sites. Consequently, the level of assurance obtained in a limited assurance engagement is lower than the assurance that would have been obtained had a reasonable assurance engagement been performed.

[10] *It covers energy-oriented CO_2, N_2O, and CH_4 emissions from 109 production sites and 52 non-production sites and group companies in Japan and overseas.*

Production + Non-Production sites	Scope2(Location)	1,850,818	2,237	7,679	1,860,734
	Scope2(Market)	332,250	459	1,723	334,432
	Scope1+2(Location)	3,356,107	5,517	8,495	3,370,118
	Scope1+2(Market)	1,837,539	3,739	2,539	1,843,816

Table 2. Summary of Bridgestone Group's Scope 3 GHG Emissions Inventory for calendar year 2024

Scope of GHG emissions		tonnes CO_2e
Greenhouse gas emissions (Scope 3)		92,918,816
	Category 1	10,210,934
	Category 2	1,242,911
	Category 3	439,130
	Category 4	495,089
	Category 5	148,287
	Category 6	15,836
	Category 7	55,884
	Category 9	328,505
	Category 10	2,208
	Category 11	78,258,596
	Category 12	1,604,750
	Category 14	49,577
	Category 15[11]	67,111

Table 3. Summary of Bridgestone Group's Environmental Data for calendar year 2024

Environmental data	Amount
Amount of raw materials used	3,706 kilo-ton
Ratio of Recycled and Renewable Material	39.9 %
Resource productivity	11.96 hundred million JPY/kilo-ton
Total energy consumption (Manufacturing sites and Non-manufacturing sites)	38,984,994 GJ (10,829,165 MWh)
Total energy consumption (Manufacturing sites and Non-manufacturing sites (renewable))	11,865,689 GJ (3,296,025 MWh)
Total energy consumption (Manufacturing sites and Non-manufacturing sites (non-renewable))	27,119,305 GJ (7,533,140 MWh)
Energy consumption (fuel)	22,127,248 GJ
Energy consumption (fuel from renewable sources)	396,498 GJ
Energy consumption (purchased electricity)	4,456,394 MWh
Energy consumption (purchased electricity from renewable sources)	3,141,658 MWh
Energy consumption (purchased steam)	731,014 GJ
Energy consumption (self-generated renewable electricity from non-fuel sources; solar, etc.)	44,228 MWh
Electricity sold	20,974 MWh
Total water withdrawal	62,136 $x10^3 m^3$
Water withdrawal (surface water)	3,362 $x10^3 m^3$

[11] *Investment information is from 2023.*

Water withdrawal (groundwater)	7,637 $x10^3 m^3$
Water withdrawal (water supply, industrial water)	15,388 $x10^3 m^3$
Water withdrawal (seawater)	35,750 $x10^3 m^3$
Total water withdrawal by Manufacturing facilities in water stress areas	2,341 $x10^3 m^3$
Water withdrawal by Manufacturing facilities in water stress areas (surface water)	336 $x10^3 m^3$
Water withdrawal by Manufacturing facilities in water stress areas (ground water)	460 $x10^3 m^3$
Water withdrawal by Manufacturing facilities in water stress areas (water supply, industrial water)	1,544 $x10^3 m^3$
Water withdrawal by Manufacturing facilities in water stress areas (seawater)	0 $x10^3 m^3$
Contribution to CO_2 Reduction (compared with 2020)	4,796,672 tCO_2
NOx emissions	1,574 ton
SOx emissions	448 ton
Volume of waste generated	287 kilo-ton
Volume of recycled waste	273 kilo-ton
Recycling waste rate	95 %
Volume of waste to landfill	14 kilo-ton
Volume of regulated hazardous waste generated	28 kilo-ton
Volume of regulated hazardous waste recycled	26 kilo-ton
Volume of regulated hazardous waste to landfill	2 kilo-ton
Product Circularity	99 %
Sites with ISO 14001 certification	100 %

Table 4. Summary of Bridgestone Group's Social Data for calendar year 2024

Social data	Amount
Lost-time injury frequency rate of employees and temporary staff	2.41
Lost-time injury frequency rate of contractors	0.61
Serious injury rate of employees and temporary staff	0.09
Serious injury rate of contractors	0.11
Occupational illness frequency rate (OIFR) of employees and temporary staff	0.16
Number of Fatalities of employees and temporary staff	1
Number of Fatalities of contractors	1
Sites with ISO 9001 certification	100 %
Sites with ISO 45001 certification	51.4 %

Table 5. Summary of Bridgestone Group's Ratio of women Data for calendar year 2024

Segment	Total	Top management positions	Management positions	Junior management positions	Total management positions	Other staff and positions
Japan	12.3%	0.6%	8.0%	5.7%	6.4%	13.5%
Bridgestone Corporation	8.9%	0.0%	3.9%	4.4%	4.2%	9.6%
Asia, Pacific, India and China	9.1%	9.8%	22.3%	12.2%	14.0%	8.0%
Americas	12.9%	34.0%	26.0%	21.9%	22.6%	10.5%
Europe, Middle East and Africa	15.4%	9.4%	22.9%	19.3%	20.5%	14.3%
Total	12.5%	8.6%	17.8%	16.1%	16.4%	11.6%

LRQA's Approach

LRQA's assurance engagements are carried out in accordance with ISAE 3000 (Revised) and ISO 14064-3:2019. The following tasks were undertaken as part of the evidence gathering process for this assurance engagement:

- Auditing the Company's data management systems to confirm that there were no significant errors, omissions or misstatements in the report. We did this by reviewing the effectiveness of data handling procedures, instructions and systems, including those for internal verification.
- Interviewing with those key people responsible for compiling the data and drafting the report.
- Sampling datasets and traced activity data back to aggregated levels;
- Verifying the historical data and records for the fiscal year 2024; and
- Visiting Bridgestone Tire Manufacturing (Thailand) Co., Ltd. and Amagi factory of Bridgestone Corporation and Ageo factory of Bridgestone Cycle Corporation to confirm the data collection processes, record management practices, and to physically check emission sources etc.

Observations

- It is recommended the Company will continue to maintain the high-level data management systems and discover further improvement opportunities proactively to ensure accurate aggregation and calculation of environmental and social data.

LRQA's Standards, Competence and Independence

LRQA implements and maintains a comprehensive management system that meets accreditation requirements for ISO 14065 Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition and ISO/IEC 17021-1 Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part1: Requirements that are at least as demanding as the requirements of the International Standard on Quality Control 1 and comply with the Code of Ethics for Professional Accountants issued by the International Ethics Standards Board for Accountants.

LRQA ensures the selection of appropriately qualified individuals based on their qualifications, training and experience. The outcome of all verification and certification assessments is then internally reviewed by senior management to ensure that the approach applied is rigorous and transparent.

This is the only work undertaken by LRQA for the Company and as such does not compromise our independence or impartiality.

Signed Dated: 20 May 2025

Kazuyori Yukinaka
LRQA Lead Verifier
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