2024-04-10

Greenhouse Gas Emissions Inventory Report

Scope 1, 2 and 3, for the reporting period 1 January 2023 to 31 December 2023

Tetra Pak® is a world leading food processing and packaging solutions company. Working closely with our customers and suppliers, we provide safe, innovative, and environmentally sound products that each day meet the needs of hundreds of millions of people in more than 160 countries. With more than 25,000 employees around the world, we believe in responsible industry leadership and a sustainable approach to business.

This document provides Tetra Pak's scope 1, 2 and 3 greenhouse gas (GHG) emissions inventory for the reporting period between January 1st, 2023 - December 31st, 2023. It also provides the inventory for the years 2022 and 2019. The biogenic CO_2 emissions and removals for 2023 are shown separately from the inventory.

We account our greenhouse gas emissions according to the GHG Protocol principles developed by the World Resource Institute (WRI) and the World Business Council on Sustainable Development (WBCSD) and described in two standards[1,2] and a guidance document[3]. The accounting includes the greenhouse gases covered by the UN Kyoto Protocol, the WRI and the WBCSD GHG Protocol.

We have applied the "operational control" consolidation approach to determine the organisational boundaries. As a result, the GHG emissions inventory includes data for 128 Tetra Pak sites (e.g. Converting factories, additional material factories, equipment production facilities, sales offices and support centres).

Published generic emission factors or, supplier-specific emission factors when these are available and representative for sourced resources, and the most recent global warming potentials (GWP) values provided by IPCC based on 100-year time horizon are used in the GHG emission calculations.

We have chosen 2019 as base year since the performance for this year is considered representative of Tetra Pak's operations and value chain. A recalculation of base year emissions is triggered by the circumstances defined in the GHG Protocol standards and if altering the base year emissions by more than 5% or affecting the relevance of the comparison between the reporting year and the base year.

During this year´s reporting, in a few cases, errors in reported data (current and historic) have been identified and corrected, for both this year and the historic years. This improves data quality and allows for more meaningful comparisons between years. There have also been methodology changes when new data or emission factors of higher quality have become available. Consequently, data presented in previous reports may differ slightly. The impact of the error correction on the combined Scope 1, 2 and 3 emissions of the base year 2019 is below 0.05 %. The impact of the method changes is less than 0.5 %.

Tetra Pak's 2023 scope 1, 2 and 3 greenhouse gas (GHG) emissions inventory presented in below table is limited assured by a third party. The assurance report can be found on the last page.

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[1] The Greenhouse Gas Protocol, A Corporate Accounting and Reporting Standard, revised Edition, World Business Council for Sustainable Development (WBCSD) and World Resource Institute (WRI), March 2004

[2] The Greenhouse Gas Protocol, Corporate Value Chain (Scope 3) Accounting and Reporting Standard, Supplement to the GHG Protocol Corporate Accounting and Reporting Standard, World Business Council for Sustainable Development (WBCSD) and World Resource Institute (WRI), September 2010

[3] GHG Protocol Scope 2 Guidance, An amendment to the GHG Protocol Corporate Standard, World Resource Institute, 2015

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Scope 1 Direct emissions from our own operations including fuel consumption and the use of solvents and refrigerants.

Scope 2 Indirect emissions related to purchased electricity, heat, steam, and cooling, reported according to the location-based method and the market-based method. The market-based emissions reflect Tetra Pak's purchase of renewable electricity. In 2023 89% of Tetra Pak's electricity use originated from renewable sources according to the GHG Protocol Scope 2 Quality Criteria.

Scope 3 Indirect emissions in our value chain (sourcing, production, use and disposal of our products) from sources not owned or controlled by Tetra Pak.

Tetra Pak's GHG emissions inventory	2019 base year (metric kilotonnes CO_2e)	2021 reference year (metric kilotonnes CO_2e)	2022 reference year (metric kilotonnes CO_2e)	2023 inventory year (metric kilotonnes CO_2e)
Scope 1 emissions				
Total scope 1	64	63	59	47
Scope 2 emissions				
Total scope 2 (market-based, MB)	113	62	58	44
Total scope 2 (location-based, LB)	347	349	361	353
Scope 3 upstream emissions				
Category 1: Purchased goods and services	4289	3752	3846	3327
Category 2: Capital goods	Excluded			
Category 3: Fuel- and energy-related activities (market-based, MB)	54	38	37	29
Category 3: Fuel- and energy-related activities (location-based, LB)	99	102	106	97
Category 4: Upstream transportation and distribution	549	641	649	481
Category 5: Waste generated in operations	3	2	2	2
Category 6: Business travel	40	9	14	23
Category 7: Employee commuting	Excluded			
Category 8: Upstream leased assets	Not applicable			
Scope 3 downstream emissions				
Category 9: Downstream transportation and distribution	36	32	41	26
Category 10: Processing of sold products	Included in category 11			
Category 11: Use of sold products	6986	7540	6824	5661
Category 12: End-of-life treatment of sold products	842	822	815	799
Category 13: Downstream leased assets	Included in category 11			
Category 14: Franchises	Not applicable			
Category 15: Investments	Not applicable			
Total scope 3 (includes MB approach for category 3)	12799	12837	12227	10348
Total GHG emissions Scope 1, 2 and 3 (includes MB approach for scope 2 and scope 3, category 3)**	**12976**	**12961**	**12345**	**10439**

**From 2022 paperboard and aluminium foil GHG emissions are based on supplier provided emission factors from the previous year and purchased volumes from the inventory year. This change was necessary due to a shift in reporting cycles. **Due to rounding, numbers presented in the table may not add up precisely to the totals provided.*

Tetra Pak biogenic CO_2 emissions and removals	2023 inventory year (metric kilotonnes CO_2)
Direct biogenic CO_2 emissions from combustion of bio-based fuels	2
Indirect biogenic CO_2 emissions from landfills and incineration without energy recovery	152
Indirect biogenic CO_2 removals referring to the biogenic content of the raw materials purchased	2737

Auditor's limited assurance report on AB Tetra Pak's Greenhouse Gas Inventory Report 2023

To AB Tetra Pak, corporate identity number 556050-0398

Introduction

We have been engaged by the management of AB Tetra Pak ("Tetra Pak") to undertake a limited assurance engagement of the Greenhouse Gas Inventory Report 2023 for the year 2023.

Tetra Pak's responsibility for the Greenhouse Gas Inventory Report

The management is responsible for the preparation of the Greenhouse Gas Inventory Report in accordance with applicable criteria. The criteria is described in the report and consist of The Greenhouse Gas Protocol – A Corporate Accounting and Reporting Standard (the "Criteria"). This responsibility includes the internal control relevant to the preparation of the Greenhouse Gas Inventory Report that does not contain material misstatements, whether due to fraud or error.

Responsibilities of the auditor

Our responsibility is to express a conclusion on the Greenhouse Gas Inventory Report based on the limited assurance procedures we have performed. Our assignment is limited to the historical information that is presented and thus does not include future-oriented information.

We conducted our assurance engagement in accordance with *ISAE 3410, Assurance Engagements on Greenhouse Gas Statements*, issued by the International Auditing and Assurance Standards Board ("IAASB"). A limited assurance engagement consists of making inquiries, primarily of persons responsible for the preparation of the Greenhouse Gas Inventory Report and applying analytical and other limited assurance procedures. A limited assurance engagement has a different focus and a considerably smaller scope compared to the focus and scope of an audit in accordance with International Standards on Auditing and generally accepted auditing standards in Sweden.

The audit firm applies ISQM 1 (International Standard on Quality Management) and accordingly maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements. We are independent in relation to Tetra Pak according to generally accepted auditing standards in Sweden and have fulfilled our professional ethics responsibility according to these requirements.

The procedures performed in a limited assurance engagement do not allow us to obtain such assurance that we become aware of all significant matters that could have been identified if an audit was performed. The conclusion based on a limited assurance engagement, therefore, does not provide the same level of assurance as a conclusion based on an audit has.

Our procedures are based on the criteria defined by the Management as described above. We consider these criteria as suitable for the preparation of the Greenhouse Gas Inventory Report 2023.

We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our conclusion below.

Conclusion

Based on the limited assurance procedures we have performed, nothing has come to our attention that causes us to believe that the Greenhouse Gas Inventory Report 2023 is not prepared, in all material respects, in accordance with the criteria defined by the Management.

Malmö, 12 April 2024

Öhrlings PricewaterhouseCoopers AB

Eva Carlsvi
Authorized Public Accountant

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