# Qualifying Explanatory Statement

(As per PAS 2060)

Do	ocument Preparation	
Function/Designation	Name	Signature
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Version Control	
Change	Date
Published document	16.04.2024



### eSmoking Liquids sp. z o.o.

# Carbon Neutrality Statement according to PAS 2060: 2014

# "Qualifying Explanatory Statement"

"Carbon Neutrality for the industrial activities of eSmoking Liquids sp. z o.o., declared in accordance with standard PAS 2060: 2014, for the period from December 1st, 2022 to November 30th 2023, certified by the Totum Institute."

Name of the Senior Representative	Signature of the Senior Representative
Piotr Krasucki – Factory Manager	1 0-0
Date: 16.04.2024	Mollice Trots

Company:

eSmoking Liquids sp. z o.o.

Issue Date:

16.04.2024

Assurance Authority: Totum Institute

Verification Report: IT-32-2024

Neutrality Report:

December 1st, 2022 to November 30th, 2023

Previous Certifications Obtained: IT-04-2023

Note: the term "carbon" used throughout this document represents an abbreviation for the aggregate of greenhouse gases (GHG), reported as CO2e (carbon dioxide equivalent)



### **INTRODUCTION**

This document is the declaration of carbon neutrality to demonstrate that eSmoking Liquids sp. z o.o. has achieved carbon neutrality for its Liquids Factory in Rojów, managed directly by BAT, aligned to the guidelines of PAS 2060: 2014, in the period from December 1<sup>st</sup>, 2022 to November 30<sup>th</sup>, 2023.

PAS 2060 Requirement	Explanation
Entity Responsible for the Declaration	eSmoking Liquids sp. z o.o.
Object of Declaration	Nicotine Liquids Factory in Rojow, Poland.
	The definition of the subject remains unchanged
	through each and every stage of the methodology.
Object Description	The production process of bottles with nicotine liquids for e-cigarettes includes the collection of raw materials - nicotine, flavors, glycol and glycerin. Mixing of ingredients according to recipes and delivery to automated bottling lines. Then the product is packed and transferred to the warehouse from where it goes to the customer. The area consists of a factory building, including production halls, storage and office areas for administration and supporting departments.
Object Limits	Activity includes all Scopes I and II GHG emissions calculated as tCO2e (CO2, N2O and CH4), according to the GHG protocol accounting standards. The emission quantifications have been aligned to British American Tobacco Plc (BAT), CR360 reporting other than fugitive emissions. The fugitive emissions were accounted as per ISO 14063 – 1 2018 standards.
Type of Assurance	Emission inventory have been assured at limited level by KPMG. Third Party Certification for obtaining Carbon Neutrality is completed with Totum Institute, Brazil (https://www.institutototum.com.br/)
Period of obtaining Carbon Neutrality	December 1 <sup>st</sup> , 2022 – November 30 <sup>th</sup> , 2023

This carbon neutrality statement is in accordance with PAS 2060: 2014, which contains information related to the objects for which neutrality is claimed. All information contained is an expression of the truth and is believed to be correct at the time of publication. If any information comes to the attention of the organization that affects the validity of this declaration, this document will be properly updated to accurately reflect the actual situation of the carbon neutral process related to the object.



# DECLARATION OF OBTAINING CARBON NEUTRALITY

PAS 2060 Requirement	Explanation		
Specify the period in which the Company has demonstrated carbon neutrality for the object	December 1st, 2022 to November 30th, 2023		
Total emissions (location-based method) of the object in the period from December 1 <sup>st</sup> , 2022 to November 30th, 2023.	Total 344 tCO2e		
Total emissions (market-based method) of the object in the period from December 1st, 2022 to November 30th, 2023.	52 tCO2e		
Type of declaration of carbon neutrality.	I3P-2: Achieving carbon neutrality through independent third-party certification		
Inventory of greenhouse gas emissions that provides the basis for the declaration.	Annex A		
Description of the greenhouse gas emission reductions that provide the basis for the declaration.	Annex B		
Description of the instruments for reducing the carbon footprint and for offsetting residual emissions.	Annex C		
Independent third-party verification report of the GHG emissions inventory.	Annex D		
Retirement statements for energy source assurance instruments (I-RECs) and carbon credits.	Annex E		
BAT Management Statement for details of certified facilities	Annex F (if necessary)		

"Carbon Neutrality for the industrial activities of eSmoking Liquids sp. z o.o. in Rojów, declared in accordance with standard PAS 2060: 2014, for the period from December 1st, 2022 to November 30th 2023, certified by the Totum Institute."

Name of the Senior Representative	Signature of the Senior Representative
Piotr Krasucki  Date:	Kronicles Riote
16.04.2024	Wa ceconocco 10-11



# ANNEX A - INVENTORY OF GREENHOUSE GAS EMISSIONS THAT PROVIDE BASIS FOR DECLARATION

### A.1. Object Description

The eSmoking Liquids sp. z.o.o (eSL) is a member of the BAT Group. Factory in Rojów was established in 2015. Being the only open system e-liquid BAT producer in Europe, site main responsibility is to produce nicotine liquids for e-cigarette business. The Factory also provides service of legalization for other imported BAT nicotine products.

Sustainability is very important on eSL Factory agenda, therefore site has created a proper ESG strategy with milestones in order to assure that business activities go hand in hand with care for the natural environment.



Figure 1: eSmoking Liquids sp. z.o.o in Poland



The production process begins at the substrate warehouse. Liquid components such as glycol and glycerin, as well as nicotine, are purchased. The above-mentioned ingredients are used to create base for liquids with a nicotine content of 0mg, 3mg, 6mg, 12mg, 18mg. The base is mixed in tanks specially designed for this purpose. The next stage of the process is the preparation of flavor aromas. Flavor variants are prepared according to a strictly defined recipe. Then the bases and flavor aromas go to the bottling line. In eSL there are 2 bottling lines pouring liquids into 10ml and 20ml bottles. Filled bottles are considered as semi-finished products by the factory. The products become ready when they are packed in cardboard boxes in accordance with the orders, and then they go to the warehouse of finished products. The maximum capacity of the factory is estimated for 30 million bottles (10 ml) per year.

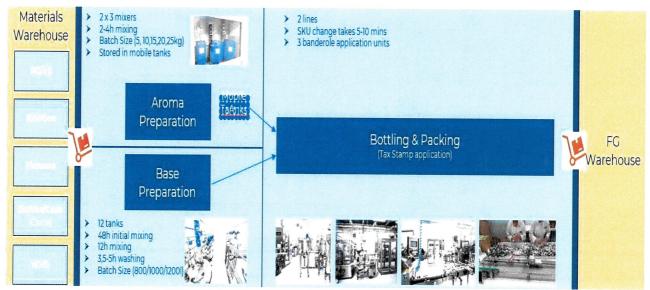


Figure 2: Liquid production process



# A.2. Carbon Footprint Summary

Taking into account all data from the reporting period, fugitive sources were calculated. Data guaranteed by third-party verification (KPMG) is given below.

Emission Source	ource Emission Type			eSmoking Liquids Overall Emissions (Location Based Method)				
	Scope I	Scope II	tCO2e	tCO2	tN2O	tCH4	tHFC	tCO2e
Site & Office - Electricity		٧	292					0
Site & Office - LPG	٧							40
Site & Office - Diesel Oil	٧							3
Total	٧	٧	292					43

Table 01: Direct emissions from stationery combustion

Emission Source	Emissi	on Type	eSmoking Liquids Overall Emissions (Location Based Method)					Market Based
	Scope I	Scope II	tCO2e	tCO2	tN2O	tCH4	tHFC	tCO2e
Fleet Vehicles - Petrol	٧							8
Total	٧							8

Table 02: Direct emissions from mobile combustion

Emission Source	Fug	itive	eSmoking Liquids Overall Emissions (Location Based Method)			ocation	Market Based	
	Scope I	Scope II	tCO2e	tCO2	tN2O	tCH4	tHFC	tCO2e
Refrigerant	٧		0	0	0	0	0	1
Total	٧		0	0	0	0	0	1

Table 03: Fugitive emissions

Method	Emissi	Emission Type		eSL Overall Emissions					
Method	Scope I	Scope II	Scope II tCO2e		tN2O	tCH4	tHFC		
Location based	٧		0.00	0	0	0	0		
Location based		٧	292	0	0	0	0		
Market based	٧		52	0	0	0	0		
Market based		٧	0	0	0	0	0		

Table 04: eSL Overall Emissions



## A.3. Standards and Methodologies Used

# A.3.1 Reporting Period Covered and Frequency of Internal Reporting

BAT annual reporting (in CR360) considers the period from December previous year to November current year. Accordingly, the base period considered for emissions inventory and carbon neutrality verification is from December 1st, 2022 to November 30th, 2023. The internal reporting of environmental parameters is carried out on a monthly basis.

### A.3.2 Report Standards and Scope

This report has been prepared in accordance with PAS 2060 standards and specification with guidance obtained during the verification process of Greenhouse Gas emission inventory. In addition, energy reporting and calculation of the carbon footprint has been guided by the standards of Greenhouse Gas Protocol, International Energy Agency (IEA), DEFRA/BEIS, Carbon Disclosure Project (CDP) and GRI 305 and GRI 302 respectively. The BAT environmental reporting system has been designed following the same above-mentioned guidelines and principles, and all of its subsidiaries shall adhere to same when conducting their environmental reporting on quarterly basis.

eSmoking Liquids sp. z.o.o has defined its organizational boundary for GHG reporting, as shown in Figure 1 in this report, based on an operational control approach where it has responsibility for plant operations and financial controls. Hence this report does not include any emissions over which eSL has no direct control of, although the emissions may be created in its own interest. The organizational boundary includes the production plant in Rojów as a key area of focus in this report, as well as the systems and devices belonging to the plant, such as a power generator or company cars.

The GHG emissions within the operating boundaries are comprised with two categories as scopes I and II, based on the type of activity and the nature of emission that is generated from its source. Applicability of each type of emissions has been described under this section of the report for better understanding.

- Direct Emissions (direct emissions from operational activities)
  - Stationery Emissions- Site & office emission from burning of Diesel, Heavy Fuel, LPG and Biomass.
  - Mobile Emissions Emission for fleet vehicles operating under long term rent or lease.
  - Emissions from fugitive sources.
- Indirect Emissions (indirect emissions from imported sources)
  - The emissions from imported energy (grid electricity)
- Other indirect sources The emissions from business-related operations in which eSL has no direct responsibility or control. The emissions from these sources have been excluded in the verification assessment as they fall into scope III as per BAT reporting guidelines.



- Fuel transportation
- Packing Material transportation
- Raw Material / Semi-Finished Goods transportation
- Emission from Finished Goods transportation
- Emission from Client and Visitor transportation
- Employee Commuting
- Employee Business air travels
- Waste Recycling
- Waste transport and disposal
- Municipal Water Consumption
- Sea Freight
- Air Freight



# A.3.3 Selection of Quantification Approach

The data inventories maintained by eSL on GHG emission sources and standard conversion factors derived as per BAT referred international reporting standards are used in modelling the CO2 quantities emitted from each source that are considered as direct and indirect categories.

The emission related data collection is carried out on a monthly basis. The data collected is categorized under one of the two scopes, in which the direct emissions are reported under Scope I and indirect imported energy as electricity is reported under scope II.

### **GHG** Emissions Quantification

The tCO2e emissions quantified separately for each source, in tons of CO2e based on BAT specified factors mentioned in below table.

Direct ·	– Stationery Sou	rces (DEFRA /	' BEIS 2023 v1.1)	
Fuel type	Unit	2023	Unit	2023
Diesel oil	tCO2e per tonne	3.2088	GJ per tonne	42.880
LPG	tCO2e per tonne	2.9393	GJ per tonne	45.944
Direct	- Fugitive Source	es (DEFRA / I	3EIS 2023 v1.1)	
Gas Type	Unit	GWP –	IPCC Fourth Assessmen	it Report (AR4)
Refrigerant - R407C	kgCO2e		The second secon	1624
Refrigerant - R410A	kgCO2e		andre de colores de l'amoure d'onne amoure de grant de la let Est parché han de la lette en peut an créabe des dre aussi été par autre constant de la lette de la	1924
Refrigerant - R134/HFC134A	kgCO2e			1300
Refrigerant - R22	kgCO2e	ANCIA COLOR A MANIMENTA DE SERVICE DE CONTROL COMPANO (MA SECIENCA ANA ANA ANA ANA ANA ANA ANA ANA ANA		1760
CH4 Emission Estimation from ETP	kgCO2e			28
CO2	kgCO2e			1

Table 05: Direct stationery source to tCO2e and GJ conversion factors

		Direct – Mobile So	urces (DEFR	A / BEIS 2023 v1	l.1)
	Fuel type	Unit	2022	Unit	2022
Fleet Petrol/G	vehicles asoline	tCO2e per liter	0.002340	GJ per liter	0.033124

Table 06: Direct Mobile sources to tCO2e and GJ conversion factors

Indirect – Imported Energy (OECD/IEA 2023)						
Country	Conversion to g CO2e	2022	Conversion to GJ	2022		
Poland gCO2e/kwh 625.9 GJ/kwh						

Table 07: Indirect Imported Energy to tCO2e and GJ conversion factors



The usage data of all relevant energy sources are collected from the sources as per below table from different sites on a monthly basis. These data are uploaded in the BAT CR360 system and amalgamation with the above-mentioned conversion factors where the tCO2e emissions are calculated. Other data not reported in the CR 360 system and relevant emissions are calculated manually using the conversation factors obtained referring to the same standards.

Fuel Type/Emission Source	Data Collection Sources
LPG	Consumption records/Purchase bills
Diesel – Power generator	Consumption records/Purchase bills
Fleet vehicle fuel	Journey reports/Purchase bills
Refrigerant	Records of refilled or replaced refrigerant gases of air conditioners
Electricity	Consumption records/Purchase bills

Table 08: Fuel consumption data collection sources

### A.4. Information Assurance Level

The independent assurance of GHG emissions inventory was completed with KPMG, WITH LIMITED LEVEL OF CONFIDENCE. The documents are attached in Annex D.

The object (eSL) has independent verification by a third party (Totum Institute) for the carbon neutrality process, based on the guidelines of PAS Standard 2060:2014, with a limited confidence level and 5% materiality for the neutrality process.



# A5. Site Level tCO2e

The categorization of GHG emissions in the scopes of direct and indirect can be illustrated as below.

Emission Source	PAS	2060	tCO2e from Dec 2022 to Nov 2023		
	Scope I	Scope II	eSL		
Site and Office - Diesel	٧		3		
Site & Office - LPG	٧		40		
Stationery Combustion	٧		43		
Fleet Vehicles - Petrol	٧		8		
<b>Mobile Combustion</b>	٧		8		
Refrigerant	٧		1		
Total Fugitive	٧		1		
Total Direct	٧		52		
Grid Connected Electricity		٧	292		
Total	٧	٧	344		

Table 09: Energy Sources and tCO2e emissions

Emission Source	PAS	2060	tCO2e from Dec 2022 to Nov 2023	
	Scope I	Scope II	eSL	
Total Scope I	٧		52	
Total Scope II		٧	0	
Total Scope I & II	٧	٧	52	

Table 10: Site wise tCO2e market-based method



# ANNEX B - DESCRIPTION OF REDUCTIONS OF GREENHOUSE GAS EMISSIONS THAT PROVIDE BASISFOR DECLARATION

### **B1**. History of Greenhouse Gas Emissions (GHG)

The eSL factory has been monitoring and reporting its energy consumption since 2017, and has made continuous efforts to enhance the accuracy and reliability of its reporting standards and the quality of data reported. The reporting is now carried-out on a quarterly basis in CR360 system, with better tracking of related issues to ensure improved reporting quality. From 2021 onwards, post capturing the depot level emission to the inventory, the reporting requirements in including end-to-end operations under eSL responsibility, was revised. In addition, the fugitive emissions were measured and started reporting from Dec 2021 onwards.

The reporting period is from 1st December previous year to 30th November current year. The last updated emission factor provided by BAT from credible sources was used in calculating the tCO2e. The evolution of emission under each reporting entities are include in section B2 of this report.

# B2. Description of GHG Emissions Reduction in Reference Year

Striving towards our purpose of creating A Better Tomorrow<sup>TM</sup>, eSL has declared the organizational commitment of driving a sustainable business agenda through its environmental policy statement signed-off by the executive committee. The policy statement clearly sets the aims and key focus areas of eSL sustainable agenda.

The sustainability strategy of eSL has been laid down to achieve the sustainability goals and set targets. The specific KPIs have been set at various levels to ensure the Company is headed in the right direction by implementing the strategy.

The sustainability strategy is comprised of five key components as;

- Regular monitoring and continuous interventions,
- Efficiency improvements focus on current setup,
- Reporting of performance and monitoring against KPIs,
- Sustainability culture and individual ownership, and
- Sustainable intervention through investments and new projects.

The execution of the first two elements of the strategy and the positive impact created in energy saving and emission reduction will be elaborate henceforth.



# **B2.1** Reduction though Regular Monitoring and Continuous Interventions

Regular monitoring involves continuously monitoring the plant's key energy points to observe trends, identify deviations and understand their cause. Monitoring in eSL, depending on the type of installation, is carried out 3x a week for LPG, once a month for electricity as well as fugitive gases and emissions from company cars. Thanks to regular observation and previously set goals, deviations from the norm are defined, causes are analyzed and corrective actions are planned.

	C.1 - PRODUK	CJA FABRYK	U							NAME AND ADDRESS OF THE OWNER, NAME AND ADDRESS OF THE OWNER, OR OTHER DESIGNATION OF THE OWNER, OWNER, OWNER,					Control to the second section of	
Wyszczególnienie	WYK 2022 (Cr380)	12	21	27	02	24	.04	20 2	623						Y70	YTD CRISC
Produkcja figulatov pres sze ocerack stanci	17.887	0.804	1.096	1.140	1.263	1,313	1,258	1,225	1,557	1,197	70	19 0.850	1,000	12	2002	2522
Produkcja ackagowe jelin szt			2.130	2 408	1.900	1.620	31847	2.099						0.673	13.887	7 13.8
produkcja MCE	1789	80.4	109.8						2.964	3.041	4.016	4.017	4:50	2 948	31.766	8 28.8
	The second second			114.0	126.31	131.35	125.50	122.50	155.70	119.70	111,50	55.00	108.80	87.29	1385	9 138
	C.2 - ENERGIA		NA													
Wyszczególnienie	WYK 2022	2022	21	02	03	94	95	06	67						775	YTD (R395
Energia Elektryczna	423,492,000	32.347.00	30.371	31,511	34,140	31,845	34,137	41.608	38.075	05 40.497	16 40,256	10 42,022	15	12	3/22	8000
koszt energii el. [PLN] netto	342,069,33	20,781,83	35,949,12	37,730,38	39,468.91	37,366.24	37.915.65	45,029,43	41,174.52				51,420.00	58,775.00	474,858	448,230
Faktura AXPO [PLN]	292,888	12,128.70	24 270	25.180	27,281	25.447	28.054	31,758		45,451.01	44,739.32	47,152.86	55,259.23	62,067.35	529,295.02	488,011.66
Faktura Energa (PLN)	76,381								29,089	32,381	32,166	33,579	41,089.19	46,366.78	315,210,23	340,370,21
		8,657,17	11,871	11,834	12.188	11,393.79	11,882	12,749	12,118	12,565	12,572	13,049	14,170	14,575.57	150,743.51	184,825.11
Faktura Energa Disease (B) M1	2,344	•	•	716.28		525.00	-	525.00		525.00		525.00	-	525.00	3,341.28	2,815.28
pena dystrybuoji e.e. z poista moonya	0.621	0.875	0.789	0.799	0.799	0.799	0.763	0.763	0.763	0.759	0.799	0.789	0.799	0.799	0.75	0.78
cena dystrybucji bez opisty mocswej	0.589	0.848	0.787	2.767	9.787	0.767	0.731	0.731	0.731	0.767	0.767	0.767	0.767	0 757	0.76	0.73
Koszt gwaranoji pochodzenia	810.15	67.93	71.37	74.05	80.23	74.84	90.22	97.78	\$9.48	95.17	54.80	96.75	120.64	138.12	1,115,45	1,045,25
Energia Elektryczna całość (kWh)	423,492	32,347.00	30,371.00	31,511.00	34,140.00	31,846.00	34,137	41,608	38,075	40,497	40,256	42,022	51,420	58,775	474,668.00	448,230.00
Energia Elektryczna calość [GJ]	1,525	116	109	113	123	115	123	150	137	146	145	151	185	212	1,709	1,614
Fabryka GJ/MCE	0.85	1.45	1.00	0.99	0.97	0.87	0.98	1.22	0.88	1.22	1.30	1.78	1.85	2.42	1.23	1.17
	C.3 - ENERGIA	CIEPLNA (GA	AZ)									100	7	14,28571429		-
hyszczególnienie	WYK 2022	2022						29	23						170	Y70 CR260
Zubyow LPG (L)	46,024	12 6,478	5,526	5,722	4,627	2,016	95	00	67	08	09	16	11	92	3021	2010
Sestoió LPG	0.529	0,529	0.529	6,529	0.529	0.529	891 0.529		•			568			(9.950	25,638
Zużycie LPG (tony/Mg)	24.38	3.43	2.92	3.03	2.45	1.07	0.529	0.529	0.529	0.529	0.529	0.529	0.529	0.529	C SPS	0,629
Energia Ciepina WO (GJ)	1,121	157.6	134.4	139.2	112.5	49.1	21.7	•		-		0.30	•	-	10.24	12.60
kaszt energii glepinei	151,734	18,138.6	15,195.8			-	-			•		13.6			471	628
PLN1. Srednia cens en ciepling WO				15,734.4	12,262.1	5,221.4	2,307.7					1,471.1		E.	52,193	70,381
PLACED	135	115.1	113.0	113.0	108,9	106.4	106.4	#DZIEL/8!	#DZIEL/01	#DZIEL/01	#DZIEL/0!	196,4	#DZIEL/0!	#DZIEL/0!	111	112
PLN/MCE.	24.8	225.50	138.45	137.95	97.06	39.75	18.39	0.00	0.00	0.00	0.00	17.31	0.00	0.00	39	51
Emisja [tCO2]	71,7	10.1	8.6	8,9	7.2	3.1	1.4			-		0.9		-	30	40
Fabryka GJ/MCE	0.53	1.95	1.22	1.22	0.89	0.37	0.17	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.34	0.45

Figure 3: Energy Report - collection data

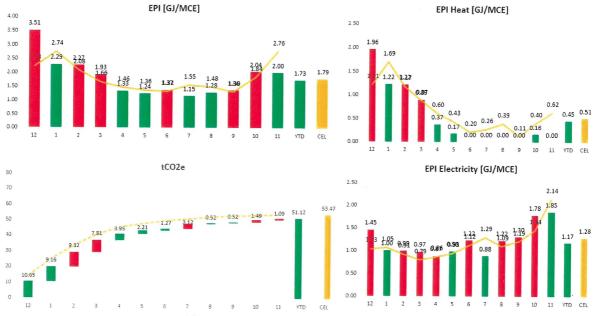


Figure 4: Energy report - checking the result



# **B2.2** Reduction from Efficiency Improvement Focus

This element of the strategy was focused on addressing the improvement opportunities identified in the current system through targeted interventions. Below is a chart showing the trend of emission reduction in scope 1 and 2 in the years 2017-2023. The reduction of CO2 emissions is clearly visible through, among others, heat pumps installation. The transition to electricity from renewable sources from 2021 has a large impact on reducing CO2, which is presented in the next section.

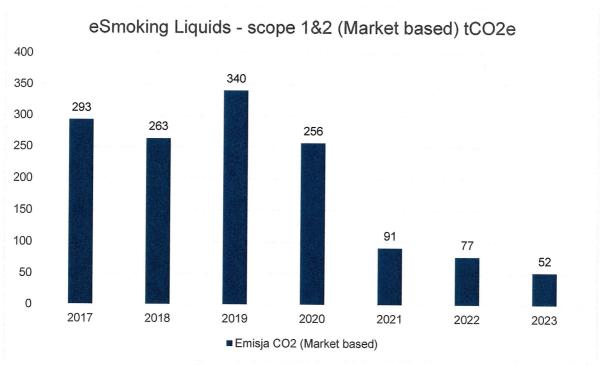


Figure 5: Scope I&II emission from 2017



# B3. Description of Renewable Energy Tracking Instruments

According to the emissions inventory verified by the independent verifier - KPMG, the total electricity consumption and tCO2e is described table.

Entity	Electricity (kWh)	tCO2e (Location based)
eSL	448,230	292

Table 11: Electricity consumption and tCO2e emissions

eSL has acquired Guaranties of Origin (GO) to ensure the renewable origin of energy and reduce total Scope II emissions.

The declaration of withdrawal is provided by the supplier within six months of the period of purchase of the Guarantee of Origin and will be verified by Totum Institute at a later date, additional proof is provided by the self-certification issued by the company, in accordance with Annex F.



# ANNEX C - DESCRIPTION OF THE INSTRUMENTS FOR REDUCING THE CARBON FOOTPRINT AND COMPENSATING THE RESIDUAL EMISSIONS

# C1. Description of Renewable Energy Traceability Instruments (GO)

The renewable energy traceability instruments for calculating scope II emissions by the market-based method is detailed in item B.3 of this report.

# C2. Description of Offsetting Instruments - Carbon Credits

Carbon credits were acquired in accordance with the residual emissions contained in the emissions inventory audited by KPMG.

A total of 52 credits were retire as per details mentioned in below table.

Project Name	CC Quantity	Serial Number	Retired Date
Inner Mongolia Wu'erqihan IFM (conversion of logged to protected forest) Project	52	12403-409859595- 409859684-VCS-VCU-323- VER-CN-14-1715- 01012013-31122013-0	20 <sup>th</sup> Dec 2023

Table 12: Carbon Credit Quantities

The reference to the retirements made for quantum of carbon credits purchased can be validated from the details given in fig. 6 and retirement certificate attached in ANNEX E. The link project are given below.

Public URL: <a href="https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=196995">https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=196995</a>

The GOs and the Carbon Offsets were acquired in accordance with the results of the information in the Green House Gas Emission Inventory Report. Verra's Verified Carbon Standard was used for the purpose of offsetting and detailed project related information can be found in figure 6.



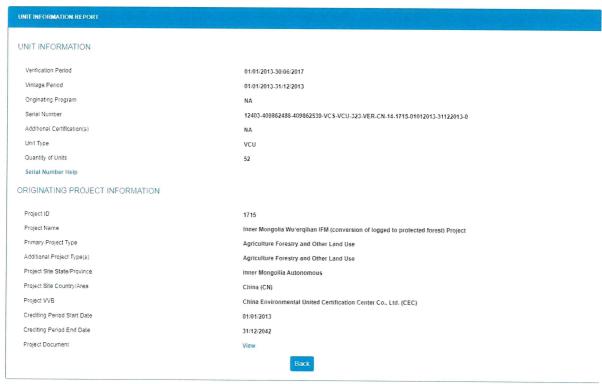


Figure 6: Project Information

# C3. Use of Carbon Neutrality Instruments

Scope I residual emissions, according to the inventory, add up to 52 tons of CO2e. Scope II of residual emissions, according to the inventory audited by KMPG, and due to the market-based method using GO (according to item B.3), were considered zero.

Hence, the 52 carbon credits acquired are intended to offset the emissions of 52 tCO2e related to Scope I, thus making eSmoking Liquids factory carbon neutral.



# C4. Quality Criteria for Clearing Instruments

The carbon credits acquired, as mentioned in C.2, meet all the quality criteria set out in Standard PAS 2060: 2014, namely:

- Acquired credits represent an emission reduction considered additional (VCS VCU 1715
   Multiple Proponents / Agriculture Forestry and Other Land Use
- Project originating from carbon credits meet the criteria of additionality, permanence and do not have double counting risks VCS VCU 1715 - Multiple Proponents / Agriculture Forestry and Other Land Use
- Carbon credits were verified by an independent third party and the respective details are given in below table.

Project	Verifier	Link
ID – 1715	China Environmental United Certification Center Co., Ltd. (CEC)	https://registry.verra.org/app/projectDetail/VCS/1715

Table 13: Carbon Credit Verifier Details

- The public platform Verra, which is an international standard and a platform that has Quality principles (Verra's Quality Assurance Principles including additionality, permanence, leakage and avoided double counting) contains all documentation of the Project from which the Carbon Credits were acquired.
  - <a href="https://verra.org/project/vcs-quality-assurance-principles">https://verra.org/project/vcs-quality-assurance-principles</a> and on the public platform (Verra registry)
  - https://registry.verra.org/app/projectDetail/VCS/1715



### ANNEX D - REPORT ON THE VERIFICATION OF THIRD

# PART INDEPENDENT OF THE GHGEMISSIONS

### **INVENTORY**

The verification opinion issued by KPMG, post completion of GHG inventory verification is attached below. The detail verification report will be shared separately to the QES as a supportive document.

3AT Annual Report and Form 20-F 2023 Streetegic Report Governance Report Pinancial Statements Other Information

# <sup>®</sup>ESG 2023 Assured Metrics

KPMG have conducted independent, limited assurance in accordance with ISAE 3000 over the 2023 ESG 'Selected information' lieted below, as contained in this Annual Report. KPMG's independent Limited Assurance Report is provided on page 120.

^ Refer to KPMG Independent Limited Assurance Report on page 2 for details o	n selected information
Underlying Selected Information	Selected information
Consumers of non-combustible products (number of, in millions)	23.9
Scope I CO <sub>2</sub> e emissions (thousand tonnes)	287
Scope I CO <sub>2</sub> e emissions including fugitive emissions (thousand tonnes)	299
Socpe 2 CO-e emissions (market based) (thousand tonnes)	95
Scope 2 COye emissions (Ippetion based) (thousand tonnes)	342
Scape I and Scope 2 CO <sub>g</sub> e emissions intensity ratio (tannes per £m revenue)	19.3
Scope I and Scope 2 COge emissions intensity ratio (tonnes per EUR m revenue)	11.5
Total Scope 3 CDye emissions (thousand tonnes) - for 2022 Scope 3 GHS emissions are reported one year later	8,045
Total anargy consumption (GWh)	2,182
Energy consumption intensity (GWh per million £ revenue)	0.08
Energy concumption intensity (GVVh per million SUR revenue)	0.07
Renewable energy concumption (GWh)	332
Non-Ranawable energy consumption (GWh)	1,380
Total waste generated (thousand tonnes)	114.94
Hazardous waste and radizective waste generated (thousand tonnes)	1.59
Total weate recycled (thousand tonnes)	100.7
Total water withdrawn (million m <sup>2</sup> )	3.16
Total water recycled (million m <sup>3</sup> )	1.02
Total water discharged (million m²)	3.53
Emissions to weter:	***************************************
- 80% of the facilities reported not using priority substances, and 74% reported not having them in storage	
- out of 48 priority substances, 44% are reported as not used, 44% are reported as not stored	
Number of operations sites in areas of high-water stress with and without water management policies	24/0
% of sources of wood used by our contrested fermers for ouring fue's that are from sustainable sources	89.99
% of tobacco heoteres reported to heve appropriate best practice soil and water management plans implemented	81
% of tobecoo farmers reported to grow other crops for food or as additional sources of income	93.3
% of farma monitored for shild labour ^	100
% of farms with incidents of shild lebour identified	0.16
Number of shild labour incidents identified	359
% of child labour incidents reported so resolved by and of the growing season **	100
% of farms monitored for grievence mechanisms	100.0
% of farms reported to have sufficient PPE for egrochemical use	89.99
% of ferms reported to have sufficient PPE for tobecod hervesting	99.7
H&S - Loat Time Incident Rate (LTIR)	0,17
HSS - Number of serious injuries (employees)	12
HBS - Number of serious injuries (contractors)	9
H&S - Number of fetalities (employees)	2
HSS - Number of fatalities (contractors)	2
H&S - Number of fetalities to members of public involving BAT vehicles	
% female representation in Management roles	3
	42
% female representation on Senior Leadership teams	33
% of key leadership teams with at least a 50% apread of distinct nationalities	100
Global unadjusted gender pay gap (average %)	14
Incidents of non-compliance with regulations resulting in fine or panelty	3
Incidents of non-compliance with regulations resulting in a regulatory warning	0
Number of established ScBC breaches	123
Number of disciplinary actions taken as a result of established SoBC breaches that resulted in people leaving BAT	79
Number of established ScBC breaches - relating to workplace and human rights	69
% of product materials and high-rick indirect service suppliers that have undergone at least one independent	
labour audit within a threa-year cycle ③	58.8

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Stretegio Report

Governance Report Pinencial Statements

Other Informati

### Sustainable Future

# <sup>®</sup>ESG Limited Assurance Report

10 Birthein Armenicen (100eacop), L.C.
KPMS LLP (KPIMS' or We') were engaged by British American Tobaccop), of AGT to provide firsted securence over the Calested Information described below for the year ended 31 December 2023.

### Our Conclusion

Our Conclusion

Seed on the work we have performed and the evidence we have obtained, nothing has aome to our attention that ceuses us to believe that the Gale stad information has not theen properly prepared in all meterial respects, in econodance with the Reporting Criteria.

This aonalusion is to be read in the content of the remainder of this report, in particular the inherent inviscione explained below and this reportion standed use

### Selected information

Selected Information
The space of our work includes only the information included within SATa
Combined Armali and Sustainability. Report 1 the Report 1 for the year and at
31 December 2022 on pages 11 and 15 marked with 16 and 16 includes "Areared"
an page 19 1 the Gelected Information, 1 the Gelected Information is for the year
anded 31 December 2022 expect for note! Scope 3 CD<sub>2</sub> a emissions which is far
the year noted 31 December 2022.
We have not performed any work, and do not express any penducian, ever any
other information that may be included in the Report or displayed on SAT's
website for the current year or for previous periods unless otherwise indicated.

### Reporting Criteria

The Reporting Criterie we used to form our judgements are British American Toboock Reporting Guidelines 2023 as set out at www.bet.com/eggreport (the Reporting Oritarie). The Galasted information needs to be reed together with the Reporting Oritaria.

with the Recording Orients.

Inherent Limitations.

The reture of non-finensial information, the absence of a significant body of extectional procession are within to draw, and the methods and precision used to determine non-finensial information allow for different but acceptable, evaluation and measurement behinguage and one result in methods are described in Reporting Orients has been developed to accept a Exporting Orients has been developed to accept EAT in reporting GSD information calcated by EAT as key KP but on resource the duposes of its autoation bifty stretagy. As a resource the duposes of its autoation bifty stretagy, as a resource the duposes of its autoation bifty stretagy. As a resource the dupose of the autoation bifty of Pennon pelluttines.

### Directors' Responsibilities

- Directors' Responsionable
  The Board of Directors of BLT are responsible for.

  The designing, implementing and maintaining of internal controls relevant to
  the designing implementation of the Descred information that is free
  from metantal misotatement, whether due to fraud or error;
- The celeation and/or development of objective Reporting Criteria
- The measurement and reporting of the Galacted information in accordance with the Reporting Criteria; and
- The contents and statements contained within the Report and the Reporting Criterie.

### Our Responsibilities

Our responsibility is to plan and perform our work to obtain invited assumence about whether the Belested information has been propedly prepared, mall meteral respects, in about above with the Reporting Ottains and to report to SAT in the form of an independent limited assumence conclusion based on the work performed and the suddence obtained.

work performed and the evidence obtained.

Assurance Standards Applied

We conducted our work in accordance with international Standard on Assurance Engagements (UK) 2000 – "Assurance Engagements other than Auditor or Reviews of Heterios Piercerios (Information (1964; IV) 2000) (sound by the Financial Reporting Council and, in respect of the greenhouse gas emissions information in loaded within the Gelested Information; in excordance with International Standard on Assurance Engagements 3410 – "Assurance Engagements on Organizations Gas Estatement (1968; 2410), issues by the International Auditing and Assurance Standards Beard, Those standards require that we obtain sufficient, appropriate exicance on which to be see our constants.

### Independence, Professional Standards

Independence, Professional Standards
and Quality Management
We samply with the Institute of Chartened Association in England and Wieles
(CABW) Cook of Ethios, which involves independence, and other requirements
founded on fundemental principles of integrity, objectivity, professional
competence and due care, sonificatellity and professional behaviour, that are
at least to demanding as the applicable providers of the ISBIA Code of Ethios.
The firm applies International Estimater on Ocality Management (IUS) Quality
Management for Firms that Perform Audits or Reviews of Financial Estamenta, or of Other Associations of Performs Audits or Reviews of Financial Estamenta, or or Other Association of Performs and Performs Audits or Reviews of Financial Estamenta, or or Other Association of Performs and Performs Audits or Reviews of Financial Estamenta, or positions organization completions with other languagements, which requires the firm to design implement and operate a system of quality management including positions organization completions with other languagements, which explicatelly estamental positions organization of Performs Audits or Reviews of Performance and Performs Audits or Reviews of Performs Audits or Reviews or Performs Audits or Reviews of Performs Audits or Reviews or Performs or Performs Audits or Reviews or Performs Audits or Reviews or Performs Audits or Reviews or Performs Audits or Performs or Performs Audits or Performs Audits or Performs or Performs Audits or Performs Audits or Performs

### Summary of Work Performed

Summary of Work Performed

Alimited securence engagement involves planning and performing procedures
to obtain sufficient appropriate acidence to obtain a meaningful leval of
securence over the Selected information as a beautiful for our limited securence
concludion. Planning the engagement involves assessing whether the
Recording Critaria are outside for the purposes of our limited assurance
angagement. The procedures selected depend on our judgment, on our
understanding of the Selected information and other engagement.
sincumstances, and our parallelection of areas where meterial misoratements
are likely to grize.

The procedures performed included:

- Condusting intensive with BAT management to obtain an understanding of the key processes, systems and controls in place over the preparation of the Selected information;
- Performing risk especiment procedures over the aggregated Beleated Information, including a comparison to the prior periods amounts having due regard to changes in business volume and the business portfolio.
- Galacted limited substantive testing, including agreeing a palaction of the Salacted Information to the corresponding supporting information;
- Considering the appropriatenese of the serbon conversion feater self-ulations end other unit conversion feater self-ulations used by reference to widely recognised and established conversion featers;

recognised and established conversion feature.

Reperforming election in of the surbon conversion feature poliulations and other unit conversion feature abundance and other unit conversion feature abundance, and

Recording the neuroble accompanying the Gelected information in the Report with regard to the Reporting Ortania, and for consistency with our finding. The work performed in a firsted accurance angagement version in nature and trining from, and is less in extract their for a reasonable accurance engagement. Concequently, the level of ecourance ottained in a firsted accurance that would have been obtained had a reaconable accurance that would have been obtained had a reaconable accurance that would have been obtained had a reaconable accurance that A could be a seconable accurance.

octained that a resocratic solurience engagement been performed. For the Gelscoad Information merikad with 6 yaynbol on page 178, cur procedures did not include physical waits to the ferme which provided the source data for the Leef Date and Human Rights Gelscad Information and testing the socializing of the selder volumes in EAT 6 Procurement IT system which were used in socialising Soope 3 CU<sub>B</sub> envisations (thousand transe) including the Soope 3 supply shelm CU<sub>B</sub> envisioner (shousand transe) from purchosed goods and services. Additionally, our procedures did not include physical wides to the operational dates which provided the course data for the Enricotion to Weter Gelscated Information.

### This Report's intended Use

This report is intended use
Our report he deep ingersel for ALT clely in apportance with the terms of our enginess deep ingersel for ALT clely in apportance of our report on ALT is website for the purpose of BLT devolving that it has obtained an independent assurence report in connection with the Gelected information.

Sour report was designed to meet the agreed requirements of BAT determined by BAT's needs at the time. Our report should therefore not be regarded as suitable to be used or refled on by any party validing to adquire rights against us of the time. BAT for any purpose or in any correct, they party cart from BAT who obtains access to our report or a pagy and shooses to refly on our report lor any part of fill will do se at its countriel. To the follow the termitted by law, KENGS LIF will accept no responsibility or liebility in respect of our report. to any other party

for and on behalf of KPIVIG LLP Chartered Assessment Chartered Account 15 Canada Square Landon E14 5GL 07 February 2024

The meintenence and integrity of BAT o website is the reoponability of the Directors of BAT, the work certified but by us does not involve consideration there metrers and, ecoordingly, we except no reapproblishly for early object, for early object, for early object, for early object, or responsibility for early object, that may have coourned to the reported Defeated Information, Reporting Coffering an Papert precented on BATP website since the date of our report.

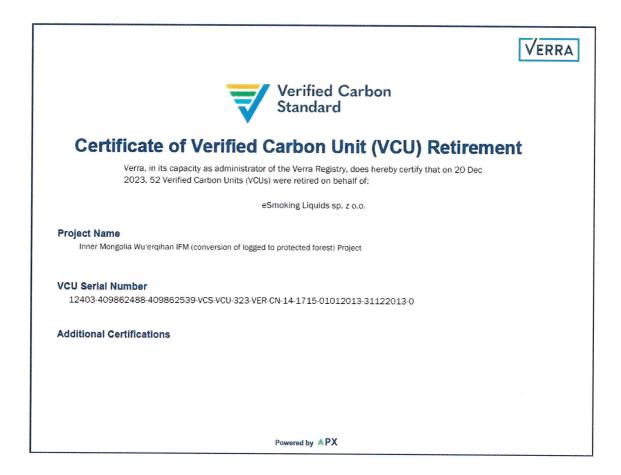


# ANNEX E - RETIREMENT STATEMENTS FOR ENERGY ORIGIN GUARANTEE INSTRUMENTS (GO) AND CARBON CREDITS

Reference to GOs purchased by eSmoking Liquids sp. z o.o.

The confirmation of the purchased guarantees of origin is an annex to the agreement with Axpo Polska sp. z o. o. concerning the sale of electricity. Paragraph 2, point "3.7. Guarantees of Origin".

Reference to Carbon Credits Purchased by eSmoking Liquids sp. z.o.o.





### ANNEX F - eSL MANAGEMENT DECLARATION

### eSmoking Liquids sp. z o.o.

### **eSL Management Statement**

Reference Object: eSmoking Liquids sp. z o.o.

To:

# Fernando G. Lopes

### **Totum Institute**

Here by we request your expert interventions to verify and declare the Carbon Neutral Status of the reference object of eSmoking Liquids sp. z. o.o. aligned to PAS 2060 verification standards.

Object	Sub Objects	Coordinates	Business Address
eSL factory	Factory - Rojów	51.41654232297436, 17.885948353047688	Rojów ul. Piaski 27 63-500 Ostrzeszów
			Poland

GOs and Carbon Offset certificates were required to grantee the net-off and off-set the Scope II and Scope I emission of object of eSmoking Liquids sp. z o.o. for the period of consideration – 1st December 2022 to 30th November 2023.

The allocation of instruments in object based on the quantity of tCOe emissions are described in below tables.

### Allocation of GOs

Entity	Electricity (kWh)	GOs Allocation
eSL Factory	448,230	448

Total Carbon Credit Quantity Purchased eSL						
Project Name	CC Quantity	Serial Number	Retired Date			
Inner Mongolia Wu'erqihan IFM (conversion of logged to protected forest) Project	52	12403-409859595-409859684-VCS-VCU-323- VER-CN-14-1715-01012013-31122013-0	20 <sup>th</sup> Dec 2023			



### **Allocation of Carbon Credits**

Emission Source	tCO2e from Dec 2022 to Nov 2023	
	eSL	Carbon Credit Qty
Site and Office - Diesel	3	52
Site & Office - LPG	40	
Stationery Combustion	43	Project ID
Fleet Vehicles - Petrol	8	1715
Mobile Combustion	8	
Refrigerant	1	
Total Fugitive	1	
Total Scope I	52	

As per the explanations given above in tables, the scope I and Scope II tCO2e emission generated from 1st December 2022 to 30th November 2023 are off-set by using the instruments purchased as Carbon Credits and GOs which guaranteed the carbon neutrality status of reference object — eSmoking Liquids sp. z o.o.

Finally, we request that this declaration be used as an instrument to ensure that the certifications attached to the Totum Institute System are considered as reference to the objects of eSL and validated for the PAS 2060 verification.

Being what depended on us for the moment, we subscribed,

Sincerely,

Piotr Krasucki

**Factory Manager** 

eSmoking Liquids sp. z.o.o.





### Independent Limited Assurance Declaration

BAT - eSmoking Liquids sp. z o.o. - Poland

Verification Period: February 01st 2024 to April 15th 2024

Process Code for PAS 2060:2014 Certification Process: IT-32-2024

Verification Team: Claudio Silva (Lead Auditor) and Roberta Bertoni (Reviewer) - Instituto Totum

BAT - e5moking Liquids sp. z o.o. - Poland, contracted instituto Totum to conduct a limited assurance assessment regarding the Carbon Neutrality Declaration ("Qualifying Explanatory Statement" document) for the Unit - Poland, for the period from December 1# 2022 to

Conclusion: Based on the procedures instituto Totum has performed and the evidence obtained, nothing has come to verification team attention that causes it to believe that the Carbon Neutrality Declaration ("Qualifying Explanatory Statement", dated March 2024) is not fairly stated and has not been prepared, in all material respects, in accordance with the Reference Standard. This conclusion relates only to the referenced Carbon Neutrality Declaration ("Qualifying Explanatory Statement"), and should be read in the context of this independent Limited Assurance Report, particularly with regard to the details listed below.

### Scope of Limited Assurance Work

The scope and limits of this work are restricted to the verification of the Carbon Neutrality Declaration referenced in this Report, in accordance with Standard PAS 2060:2014 - "Specification for the demonstration of carbon neutrality" (reference standard). The object for which compliance to the reference standard is claimed is the Poland Unit, which belongs to British American Tobacco, instituto Totum did not carry out any activity and did not express any conclusions that could be published outside the defined scope, for the period of compliance with the established reference standard. Annex to this Independent Limited Assurance Declaration is the checklist PAS 2060:2014 extracted from Totum Indicators Verification System – STVI.

### Factual Basis of Conclusion

Instituto Totum planned and executed a limited assurance verification work, with the objective of minimizing the risks of not detecting material errors in relation to the reference standard, including, but not limited to:

- . Allocation of qualified verification team with respect to the scope of work and reference standard;
- Conducting interviews with key personnel of the organization to obtain knowledge about the applied processes, systems and controls;
- Verification of data, information and documented records of the organization itself, preferably audited by an
- independent third party; Verification of documents from sources outside the company, traced back to their origin through consultation with public or private sources;
- · Critical analysis of the evidence verified within the context
- of compliance with the reference standard;
   List of requested clarifications, observations and corrective actions that are attached to this statement.

### Independence

Instituto Totum has internal policies and guidelines to ensure that the certifier itself, its verification team and internal team are independent in relation to the client's activities. Instituto Totum does not have other contracts with the client that may signify a conflict of interest.

Instituto Totum is accredited by the General Accreditation Coordination of INMETRO Brazil (CGCRE) by the ABNT NBR ISO 14.065:2012 Standard.

### Inherent Limitations

The verification process was based on sampling of existing data and information, not including the generation of additional data to those that were already available. The assurance of Instituto Totum is made on the premise that the data and information were provided by the client organization in good faith. There are inherent limitations to the limited verification process. The detection of contingencies, liabilities and data consolidation errors, when they exist, are subject to limitations imposed by their evidence and materiality, always subject to sampling. The process of generating information contained in the greenhouse gas inventory of the client organization was not part of the scope of this verification, and the Audit Report issued by a third party (other than the Instituto Totum) was considered as sufficient evidence of the reliability of greenhouse gas inventory data at a reasonable level. The list of observations and notes made in the verification process is not intended to be the complete list of discrepancies in relation to the reference standard in the audited scope. Eventual items considered "compliant" due to the sampling are not necessarily exempt from real or potential problems.

The work performed on a verification with a limited confidence level varies in nature, timing and is less extensive and in-depth than work performed on a verification with a reasonable level of confidence. Instituto Totum planned and executed the work to obtain evidence considered sufficient to support his opinion, and the risk linked to this conclusion is reduced, but not reduced to the point of being very low. The report attests only to what was found within the analyzed sample. Instituto Totum expressly disclaims any responsibility for any decision by any person or organization based on this independent Limited Assurance Report.