AHMAD TEA
LONDON

GHG Emission Report

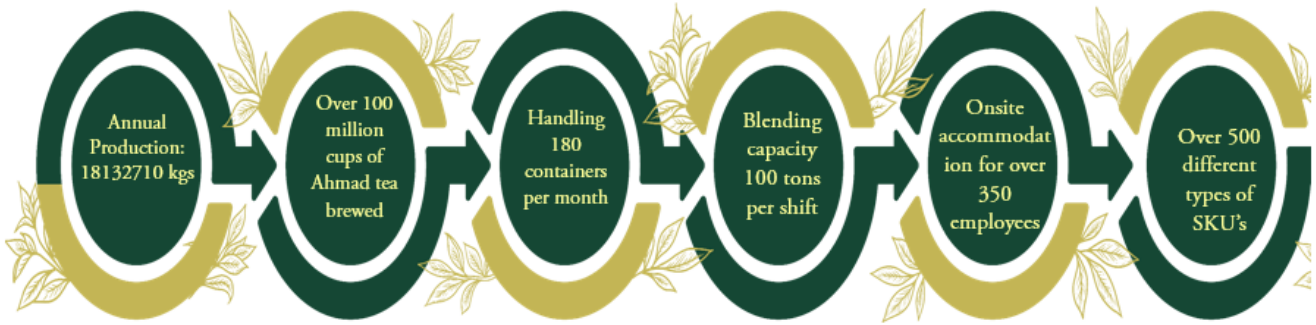
Reporting period – 01/01/2025 till 31/12/2025

THE WORLD'S MOST EXCLUSIVE TEA

Company Highlights

Ahmad Tea has been active since for 35 years and is present in over 80 countries across the world.

- Is one of the largest international tea companies in the world
- Employs over 350 people in the Emirates factory
- Consistently remains one of the top 3 brands in major tea drinking countries such as Russia, Ukraine as well as CIS and major Middle Eastern countries.
- Is one of the leaders in the UK gift sector, with a presence in all major tourist outlets in the heart of London and surrounding areas
- Sources most of its tea from Sri Lanka, India, Kenya and China, with production of blends taking place in our manufacturing plants in the UAE, Russia, Ukraine, UK, Sri Lanka and in China
- A network of over 80 partners ensures distribution and marketing of the brand on a global scale
- Located in Al Hamra Al Jazeera free zone, Ras al Khaimah – United Arab emirates.



MANAGEMENT SYSTEM CERTIFICATIONS

Quality Management system

Environment Management system

Food safety Management system

Business Sustainability rating

HACCP

Health & Safety Management System

ASSOCIATION & RECOGNITION

Halal Certified Product

Kosher Certified

Ethical tea Partnership

((Membership)

UK TEA & INFUSSIONS ASSOCIATION

Food safety Modernization act

(Compliance)

Empowering Responsible Supply Chain

(Membership)

GHG Emission Report - 2025

Ahmad Tea FZ LLC want to lead by example within the Emirates zone who work to minimize the environmental impact of our operations by racking our CO2 emissions and reducing energy consumption are key targets.
Ahmad Tea has engaged an independent third party "SCS Global" in measuring carbon footprint, which is computed based on the GHG (Greenhouse gas) Protocol published by the World Resource Institute and World Business Council for Sustainable Development. The computation represents GHG emissions associated with the production of Ahmad Tea from **cradle to gate.**

GHGs Being Evaluated-All GHGs included in the Kyoto Protocol, including CO2, CH4, N2O, HFCs, PFCs, SF6, and NF3. Accounting Methodology -WRI GHG Protocol Scope 3 and WRI GHG Protocol Corporate Standard ISO 14064-1 along with the above-listed methodologies for calculating and reporting emissions.

According to the Greenhouse Gas Protocol, emissions can be categorized into three groups known as scopes:

- **Scope 1 emissions**: are defined as "direct" emissions the Ahmad Tea has direct control over.

- **Scope 2 emissions:** are defined as "indirect" emissions created from the consumption of purchased electricity.

- **Scope 3 emissions:** are defined as any emissions that are produced outside of our own operations and that we therefore have indirect control over. This includes our suppliers and the producers of raw materials used in our products as well as emissions from the use of products.

Category	Data Requirements	
Scope 1, 2	Direct and indirect emission sources include electricity use, heating, and cooling	Electricity, natural gas utility data at Ahmad Tea facility Type of refrigerant and amount charged annually in air conditioning units
Scope 3	• Purchased goods and services • Capital goods • Upstream and downstream transportation • Waste generated in operations • Business travel • Employee commuting • End of life treatment of sold products • Fuel and energy related not in Scopes 1 and 2	• Purchase data for goods and services • Upstream and downstream transport logistics • Waste weight and type of material handled will be collected and calculated using EPA data • Business travel summary expense records • Employee transportation survey • Data on production (product type and amounts)

Roles and Responsibilities- 2025

Management Team Dedicated to GHG Emissions Reduction

A dedicated Sustainability and Carbon Management Team has been established to oversee GHG emissions reduction efforts. This team includes:

1. QC Manager & Head of Sustainability (QCM): The QCM is responsible for setting the strategic direction of Ahmad tea UAE's sustainability initiatives and ensuring alignment with ESG policies. This role involves overseeing the company's GHG reduction efforts, setting emissions targets, and integrating sustainability into corporate decision-making. The CSO collaborates with senior management to drive sustainability goals, allocate resources effectively, and implement compliance measures with local and international environmental regulations. Additionally, the CSO engages with stakeholders, including employees, suppliers, and customers, to promote sustainability awareness and ensure that the company maintains transparency in reporting its environmental performance and progress toward emission reductions.

2. Asst. QC + Sustainability manager appointed as the GHG Program Manager is responsible for tracking, analysing, and reducing Ahmad tea UAE's greenhouse gas emissions. This role involves developing and implementing emissions reduction projects, identifying key sources of Scope 1, 2, and 3 emissions, and ensuring compliance with sustainability reporting standards. The GHG Program Manager works closely with operational teams to collect data, measure carbon footprints, and report findings to senior management. Additionally, they assess the effectiveness of existing strategies and propose innovative solutions to enhance sustainability performance. This position plays a critical role in ensuring the company achieves its emissions reduction targets through structured and measurable actions.

3. **Energy Efficiency - Utility Engineer:** The Energy Efficiency Engineer focuses on optimizing energy consumption and increasing the use of renewable energy within Ahmad tea UAE's operations. This role involves identifying opportunities to improve energy efficiency, implementing advanced technologies, and recommending best practices to reduce electricity and fuel consumption. The engineer works on upgrading machinery, optimizing production processes, and installing energy-saving systems such as LED lighting and motion sensors. Additionally, they collaborate with facility management to integrate renewable energy sources, such as solar power, into the company's operations. The engineer also conducts energy audits to measure progress and ensure continuous improvement in energy performance.

4. **Operations team :** The team consists of all the departmental managers and other key professionals who work towards the strategic objectives established by the committee and report progress of those objectives quarterly to the GHG management team. The data provided are verified and actioned as necessary to ensure

5. SCS Global : Ahmad Tea has engaged an independent third party "SCS Global" in measuring carbon footprint, which is computed based on the GHG (Greenhouse gas) Protocol published by the World Resource Institute and World Business Council for Sustainable Development. The computation represents GHG emissions associated with the production of Ahmad Tea from cradle to gate. (GHGs Being Evaluated-All GHGs included in the Kyoto Protocol, including CO2, CH4, N2O, HFCs, PFCs, SF6, and NF3. Accounting Methodology -WRI GHG Protocol Scope 3 and WRI GHG Protocol Corporate Standard, ISO 14064-1 along with the above-listed methodologies for calculating and reporting emissions)

GHG Emission Calculations - 2025

Carbon Calculation tool belongs to Ahmad Tea FZ LLC
Location : F13 Al Hamra Al jazeera free zone, Ras al khaimah
Verified by SCS Global Services USA

SCS global SERVICES

GHG Management Tool
Self-calculates scopes 1, 2, and 3 emissions

Instructions | Terms & Definitions | Dashboard Annual | RESULTS Tables Scope 1, 2 and 3

You may click on the above banners to navigate within the tool

Facility Information				Purchased Electricity				Fuel Consumption / Mobile Machinery								/ Stationary Machinery						Refrigeration		
#	Year	Facility ID	Location	Purchased Electricity	Unit	Natural Gas	Unit	Diesel	Unit	Gasoline	Unit	Liquid Propane	Unit	Aviation Fuel	Unit	Diesel	Unit	Lubricants	Unit	Liquid propane	Unit	Type of refrigerant	Amount of refrigerant purchased	Unit
1	2021	Tea factory	United Arab Emirates	3,124,000	kWh		mcf	6,904	liters	4,136	liters		gal		gal		gal		gal		gal	R-22	18	lbs
2	2021	Housing Complex	United Arab Emirates	856,000	kWh		mcf		gal		gal		gal		gal		gal		gal		gal	[select]		lbs
3	2021	Tea factory	United Arab Emirates		kWh		mcf		gal		gal		gal		gal		gal		gal		gal	R-410A	49	lbs
4	2022	Tea factory	United Arab Emirates	3,457,000	kWh		mcf	4,779	liters	5,370	liters		gal		gal		gal		gal		gal	R-22	40	lbs
5	2022	Housing Complex	United Arab Emirates	730,000	kWh		mcf	4,600	liters	9,092	liters		gal		gal		gal		gal		gal	[select]		lbs
6	2023	Tea factory	United Arab Emirates	2,800,000	kWh		mcf	2,844	gal		gal		gal		gal		gal		gal		gal	R-410A	54	lbs
7	2023	Housing Complex	United Arab Emirates	720,000	kWh		mcf		gal	4,344	gal		gal		gal		gal		gal		gal	[select]		lbs
8	2024	Tea factory	United Arab Emirates	3,645,000	kWh		mcf	7,941	gal		gal		gal		gal		gal		gal		gal	R-22	2	lbs
9	2024	Housing Complex	United Arab Emirates	765,400	kWh		mcf		gal	2,605	gal		gal		gal		gal		gal		gal	R-410A	224	lbs
10	2024	Tea factory	United Arab Emirates		kWh		mcf				gal		gal		gal		gal		gal		gal	HFC-134a	60	lbs
11	2024	Tea factory	United Arab Emirates		kWh		mcf				gal		gal		gal		gal		gal		gal	[select]		lbs
12	2025	Tea factory	United Arab Emirates	3,182,000	kWh		mcf	8,055	gal		gal		gal		gal		gal		gal		gal	R-22	68	lbs
13	2025	Housing Complex	United Arab Emirates	822,000	kWh		mcf		gal	1,800	gal		gal		gal		gal		gal		gal	R-410A	135	lbs
14	2025	Tea factory	United Arab Emirates		kWh		mcf		gal		gal		gal		gal		gal		gal		gal	HFC-134a	68	lbs
15	2025	Tea factory	United Arab Emirates		kWh		mcf		gal		gal		gal		gal		gal		gal		gal	PFC-218 (C3F8)	1	lbs

GHG Emission Calculation - 2025

AHMAD TEA LONDON

SCSglobal SERVICES

GHG Management Tool
Self-calculates scopes 1, 2, and 3 emissions

Instructions | Terms & Definitions | Dashboard Annual | RESULTS Tables Scope 1, 2 and 3

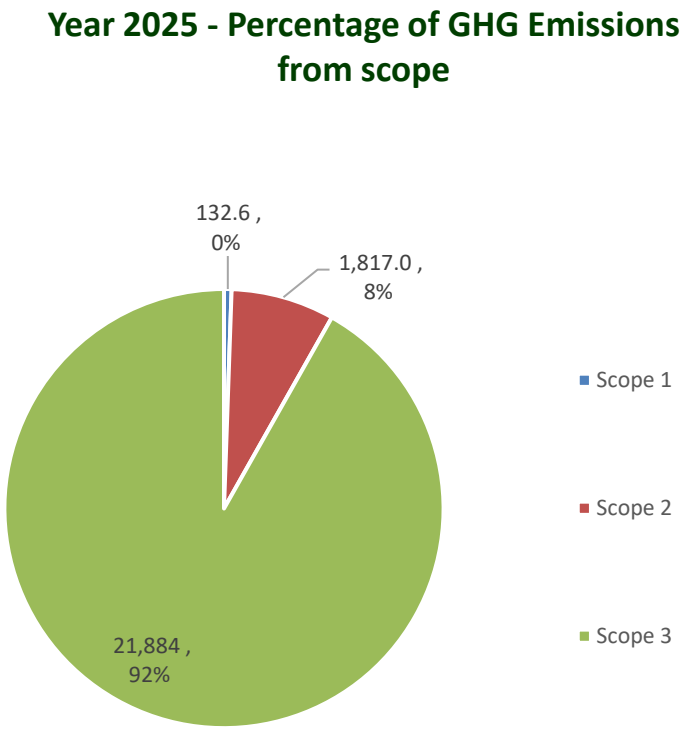
You may click on the above banners to navigate within the tool.

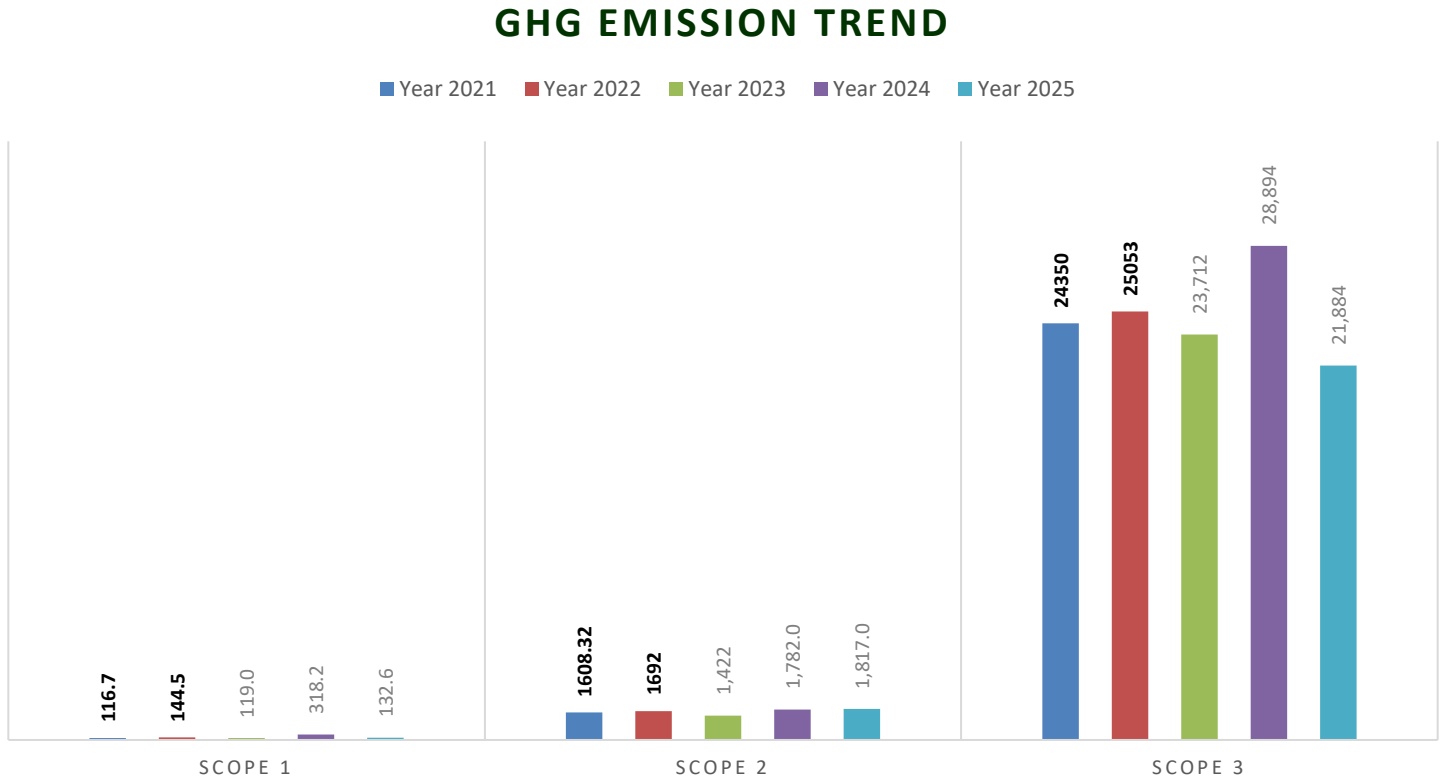
Results Summary for scopes 1, 2 & 3 | Category, subcategory | Facility | Pollutant: CO2, CH4, N2O and HFCs

Scope 1, 2 and 3 Annual Results Summary

YEAR		2021				2022				2023				2024				2025			
Category of Source	Subcategory	Total Results in MT CO_2e	Results by Pollutant CO2 MT	CH4 MT	N2O MT	Total Results in MT CO_2e	Results by Pollutant CO2 MT	CH4 MT	N2O MT	Total Results in MT CO_2e	Results by Pollutant CO2 MT	CH4 MT	N2O MT	Total Results in MT CO_2e	Results by Pollutant CO2 MT	CH4 MT	N2O MT	Total Results in MT CO_2e	Results by Pollutant CO2 MT	CH4 MT	N2O MT
Scope 1	Mobile Sources	28.35	28.4	0.0012	0.0	59.2	59.2	0.0025	0.0	67.6	67.6	0.0028	0.0	104.4	202.8	0.0084	0.0	67.6	67.6	0.0028	0.0
	Stationary Sources	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Refrigeration	61.39	-	-	-	32.84	-	-	-	51.14	-	-	-	213.79	-	-	-	65.00	-	-	-
	SCOPE 1 TOTAL	**89.74**	**28.4**	**0.0**	**0.0**	**92.1**	**59.2**	**0.0**	**0.0**	**118.7**	**67.6**	**0.0**	**0.0**	**318.2**	**202.8**	**0.0**	**0.0**	**132.6**	**67.6**	**0.0**	**0.0**
Scope 2	PURCHASED ELECTRICITY	**1,608.32**	**1,608.3**	**0.1**	**0.0**	**1,692**	**1,692.0**	**0.1**	**0.0**	**1,422**	**1,422.4**	**0.1**	**0.0**	**1,782**	**3,400.3**	**0.2**	**0.0**	**1,817**	-	-	-
Scope 3	Purchased Goods & Services	20,961.14	-	-	-	22,366	-	-	-	20,077	-	-	-	25,237	-	-	-	20,077	-	-	-
	Capital Goods	213.63	-	-	-	240	-	-	-	403	-	-	-	958	-	-	-	778	-	-	-
	Fuel & Energy Related Activities			-	-	313	313	-	-	268	268	-	-	339	648	-	-	-	-	-	-
	Upstream T&D	886.59	887	-	-	975.17	975	-	-	1,075	1,075	0.07	0.18	1,321	1,321	-	-	110	110	-	-
	Waste Generated in Operations	32.11	-	-	-	28	-	-	-	13	-	-	-	23	-	-	-	24	-	-	-
	Business Travel	-	-	-	-	5	4	0.01	0.00	-	-	-	-	8	7	0.01	0.00	9	8	0.02	0.00
	Employee Commuting	26.88	25	0.00	0.00	17	16	0.00	0.00	15	14	0.00	0.00	83	76	0.00	0.00	121	112	0.00	0.00
	Upstream Leased Assets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Downstream T&D	800.25	800	-	-	710	710	-	-	705	705	-	-	805	805	-	-	765	765	-	-
	Processing of Sold Products	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Use of Sold Products	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	End-of-Life of Sold Products	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Downstream Leased Assets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Scope 3 TOTAL	**22,920.60**	**1,712**	**0**	**0**	**24,656**	**2,019**	**0**	**0**	**22,556**	**2,062**	**0**	**0**	**28,774**	**2,857**	**0**	**0**	**21,884**	**995**	**0**	**0**
TOTAL (Scope 1+ Scope 2 + Scope 3)		**24,618.67**	**3,348**	**0**	**0**	**26,440**	**3,770**	**0**	**0**	**24,097**	**3,552**	**0**	**0**	**30,874**	**6,460**	**0**	**0**	**23,834**	**1,063**	**0**	**0**

GHG Emission Report - 2025





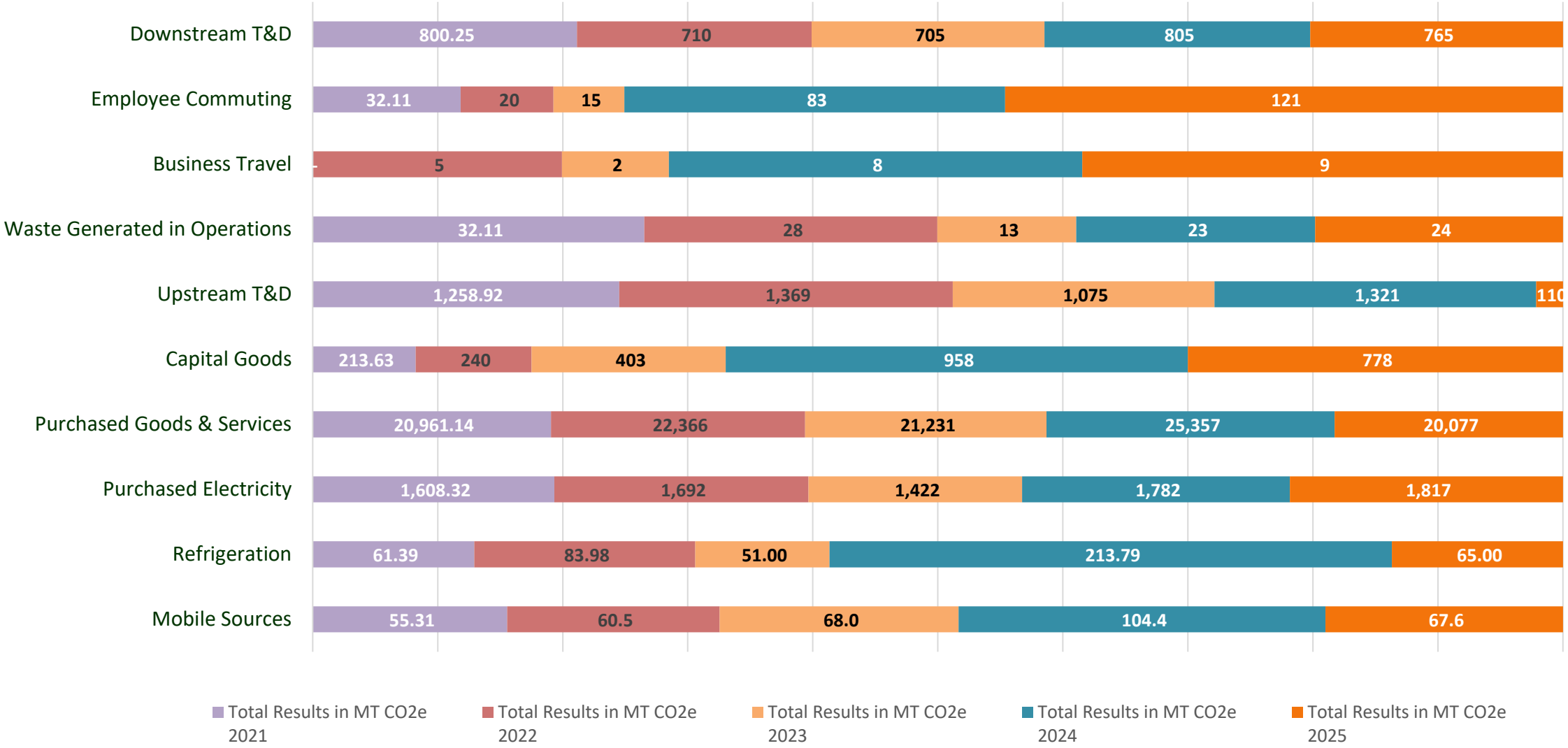
Our scope 03 emissions account to 92% of our total emissions and scope 2 emissions account to 8%

Key notes :

- 24% drop on scope 03 total emission would be evident comparing to year 2024

In previous years we had accounted our imported tea in upstream twice. We understood that the cost of transportation till freight was included in the Tea purchasing cost as it is CIF basis (Cost + Insurance + Freight) therefore in year 2025 we have corrected the entry which.
Yearly comparison data would be shown in GHG emission source breakdown yearly trend.

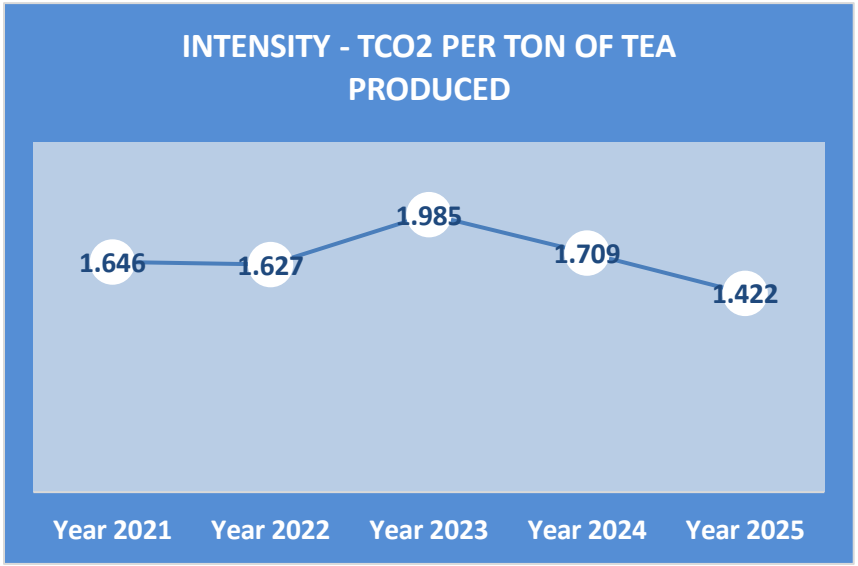
GHG Emissions - Sources breakdown yearly trend



GHG Product intensity Report - 2025

Targets for reduction of Carbon Emissions – 5% comparing to year 2024 total carbon emissions

Scope	Scope 01 Direct	Scope 02 – TCO2/Ton of Blended tea	Scope 03 - Intensity Kg of Co2/ Dollar (Scope 03)	Total scope 1,2,3
Target for year 2025	5% absolute reduction compared to last year (2024)	5% absolute reduction compared to last year (2024)	5% compared to last year (2024)	5% absolute reduction compared to last year (2024)
Year 2022	144.5	1692	25053	26889
Year 2023	119.0	1422	23712	25254
Year 2024	318.2	1782	28894	30994
Year 2025	132.6	1817	21884	23834
Change from previous year (Achieved)	58%	-1.96%	24%	23%



For the complete scope (Scope 1,2 and 3), **22.72 %** of GHG reduction was identified for year 2025 comparing to year 2024.

Emission Intensity reduction target 5% compared the last year (year 2024)

Year	TCO2 emission	Tons of Tea produced	TCo2 per ton of tea produced
Year 2021	24991	15182	1.646
Year 2022	26702	16412	1.627
Year 2023	25253	12722	1.985
Year 2024	30994	18133	1.709
Year 2025	23834	16762	1.422

Total Co2 emission per ton of blended tea was reduced by **16.79%** comparing to Year 2024. (1.71 to 1.422)

Data reference:

CO2 calculation tool & EMS objective sheet

Aligning with SBTi/ SME climate hub- 2025

Alignment with SBTi – Science based target Initiative/ SME climate hub

We've been taking climate action seriously as per our materiality report published in Y 2024 and we are in the process of aligning with science-based carbon target in 2026.

Our approach is to drastically reduce our greenhouse gas (GHG) emissions and reach net zero by 2050. For Ahmad Tea, net zero means reducing our absolute GHG emissions by 90% (scope 1, 2and 3) which is what the science says is required to keep global warming within 1.5˚C.

We started adopting the best practice net zero standard from the Science Based Targets Initiative (SBTi). This allows for carbon removals to 'neutralize' a residual emission (10%) at our target date. Our
targets include emissions across our whole value chain – from crop to compost.

This year we took a big step forward by creating a detailed roadmap to achieve our climate action strategy aligning our commitment aligning to United Arab Emirates (Plant Location) net zero plan and United Kingdom's (Head office location) net zero plan.

Short term and long-term targets.

Achieving net zero requires far-reaching changes in our supply chain and beyond. Reducing our emissions by 90% is a huge task – and we now understand we can't realistically achieve this until 2030. Like many companies targeting net zero, collectively we'll need widespread shifts to lower carbon living in our society.

- **By Year 2030 – We expect to reduce carbon emissions by 50%**
- **By Year 2050 – We expect to reduce carbon emissions by 90% with 10% residual emissions and be Carbon Neutral.**

Ahmad Tea has grown to double the size since our baseline in 2012 which makes achieving net zero incredibly difficult. With over 90% of our carbon footprint outside our direct control (scope 3 emissions), we are also heavily dependent on others in our value chain making reductions, for instance:

We're targeting the biggest areas of our footprint where we can make the greatest carbon reductions: ingredients, farming, processing and packing our Tea's, and transporting them which contributes to over 85% of the scope 03 emission.

Time-bound action plan to reduce Scope 03 emissions

Like all companies, we're on a journey and we're learning as we go which actions are achievable and most impactful. We expect this roadmap to change over time as we get better data and learn important lessons, and while society shifts to more sustainable systems.

Our net zero roadmap – Short term target to achieve 30% reduction

Our net zero roadmap identifies key actions we must take and support our suppliers to take, to reduce our emissions by 30% by year 2030. We'll only achieve our goals by collaborating closely with our suppliers and other partners to achieve emissions reductions together.

Key Objective	Target	Description	Target year of completion	Actions ongoing
Starts with our core Purchased goods & services – Tea by	**(-20%)**	We procure Tea only with a Assess approved tea suppliers across the tea manufacturing countries governed by our Green standard guidelines. We have inbuilt a ESG platform named the "The Green standard" to monitor, educate, enforce best ESG practices across the tea supply chain.	**2030**	✓ Assessed the Tea suppliers who have been certified with Rain forest alliance ✓ Aligned with carbon consortium to calculate the real emission from tea plantations across all the countries ✓ Once the consortium releases the actual emission data – We would be changing from spend based approach to actual emission factor to assess the real emission from our Tea purchases. ✓ Guide them with the best practices (How to use pesticides and fertilizers more effectively.
Purchased goods & services specific to Packaging	**(-10%)**	We procure Packaging materials only with a Assess approved tea suppliers governed by our responsible sourcing principles and guidelines. We have inbuilt a ESG platform named the "The Green standard" to monitor, educate, enforce best ESG practices across the supply chain.	**2030**	✓ Reducing emissions from packaging by exploring alternative materials, and reducing packaging by removing sachets, switching to refills or loose-leaf tea. ✓ Ensuring all packaging can be reused, recycled or composted at its end of life. ✓ Supporting our suppliers to set science-based targets ✓ Switching to Carbon neutral supplies ✓ Encouraging suppliers that process and pack our herbs to switch to renewable energy at their facilities.

GHG Emission Report - 2025

Key Objective	Target	How	Target year of completion	Actions ongoing
Reducing emissions from Logistics by	**(-10%)**	✓ The recent war tensions within the Global boarders have led to a transportation changes from Sea to land as an alternative routes will be switched to sea and reduction in air shipments. ✓ Using carbon neutral vessels/ Using vessels that are environmentally friendly and cost friendly ✓ Using electric vehicles for road freight and more sustainable sea freight. ✓ Working with suppliers to use low-emission vehicles for transporting Packaging material from manufacturing location to Ahmad tea factory. ✓ Sourcing ingredients from local sources or from close by continents	**2030**	✓ Assess Shipping lines we work with and our distribution in percentage ✓ Assess transporters we work with and our distribution in percentage ✓ Assess above suppliers who have signed our "Social responsibility standards and due diligence program" (attached FYR) ✓ We need to understand the sustainable initiates shipping lines have taken voluntarily E.g. (Biofuels, Hydrogen and etc) ✓ Declaration of emissions in their invoices (What percentage reports our of total) ✓ Summary of Ports and routes used for year 2025 ✓ Container loading efficiency in Exports ✓ Container loading efficiency in Imports – Tea, Flavour, PM, local deliveries ✓ Assess LCL's and Assess Air freights we have done for year 2025 ✓ Assess reported grievances within the shipping chain.
Energy management within the production facility of Emirates	**(-5%)**	We procure Electricity and water from a ISO 50001 certified company, who are using renewable energies and other best practices. By working with a responsible supply chain, we do ensure that the power and water are sourced responsibly. In house EMS team works effectively in identifying the innovations and selecting the best suited products from an energy point of view.	**2030**	✓ 40%of energy from solar power ✓ 8.6% reduction in energy intensity year on year ✓ 1,075tonnes of CO_2 emissions prevented
Distribution	**(-5%)**		**2030**	Reducing emissions from transporting Ahmad tea creations to our packing sites and your cup by: ✓ Packing teas closer to where they are purchased. ✓ Avoiding air freight and switching journeys from road to rail, and finding more ✓ sustainable transport options. ✓ Reducing emissions from Ahmad tea employees air travels for business and working from home.

AHMAD TEA®
LONDON

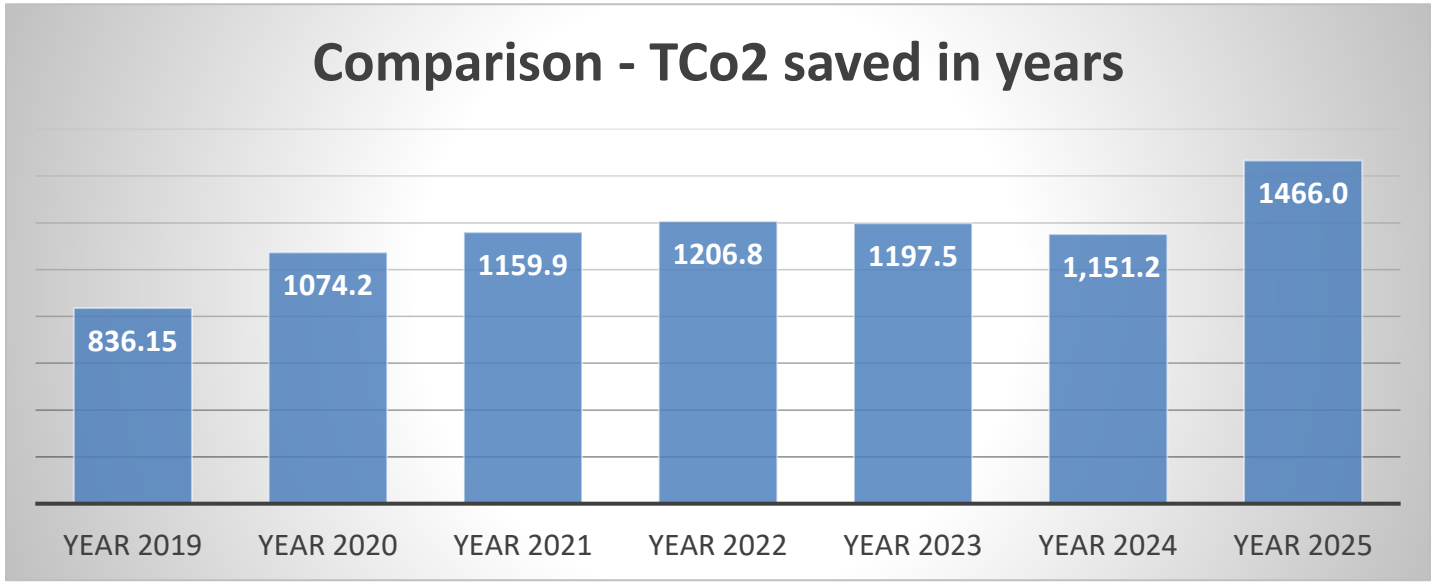
GHG Emission Achievements 2025

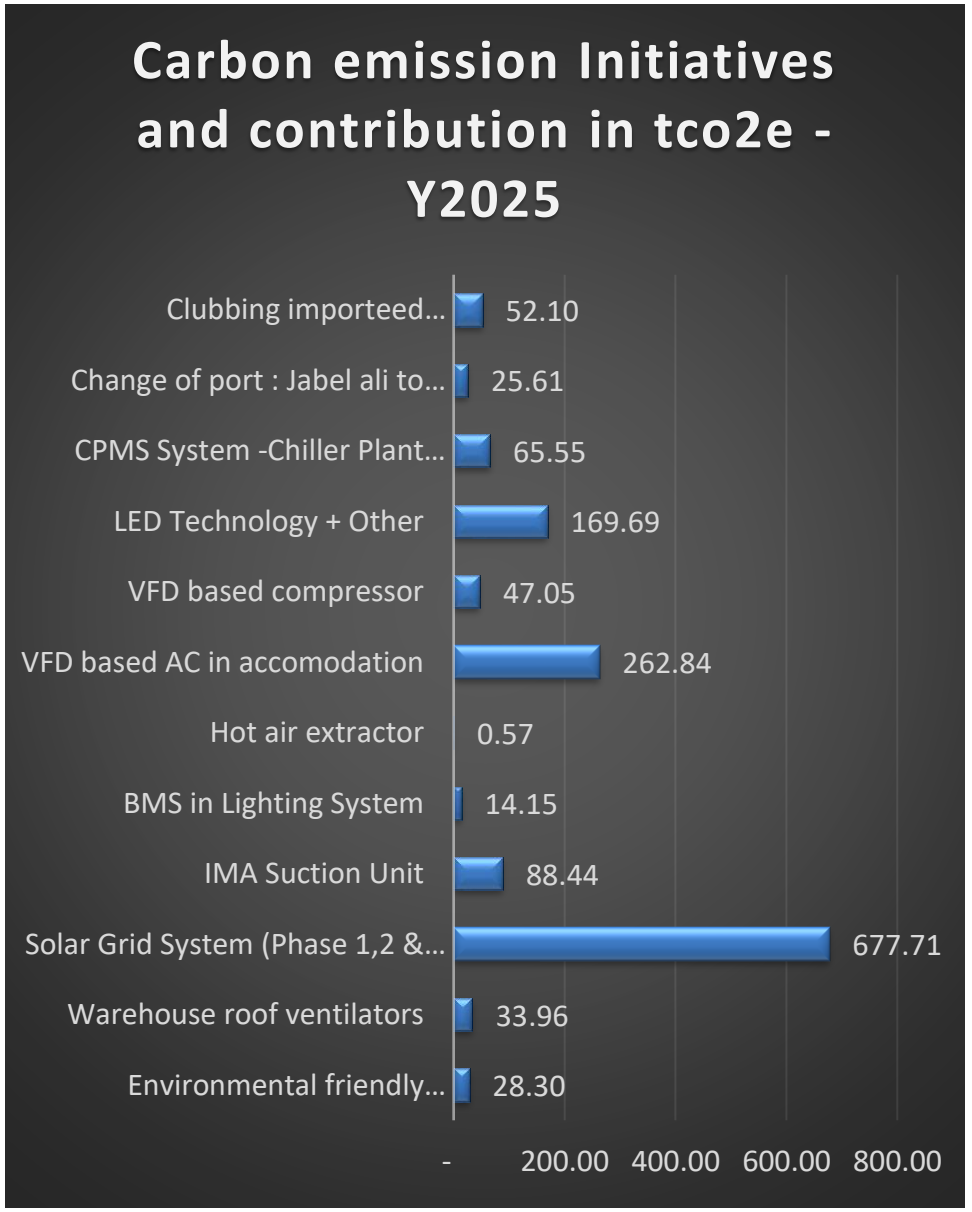
THE WORLD'S MOST EXCLUSIVE TEA

GHG - Emission Achievements

Ahmad tea since 2020 have assessed its operation and have taken many steps to reduce its emission wherever possible within its supply chain.
The areas we have initiated are as follows :

Engineering : Energy, Water, Solar, technologies, Innovations & Training
Shipping : Shipping routes, Supplier credibility to environment, Fuel management
Procurement : Loading efficiency, console cargos, proper trucking
NPD : Limited packing material, environment friendly packaging
Warehouse – Slip sheets instead of wooden pallets
Production – Lower downtimes, high productivity, reduction of change-overs and etc





Actions Completed in Year 2025 under GHG

We started using GHG Emission Data collection form starting June 2025 where the PCF form was circulated to all 74 packaging material suppliers including flavor suppliers. Initial feedback:

- 19 suppliers have reverted back
- 10 suppliers' data have been double checked for accuracy
- 45 Suppliers have not responded as data not readily available

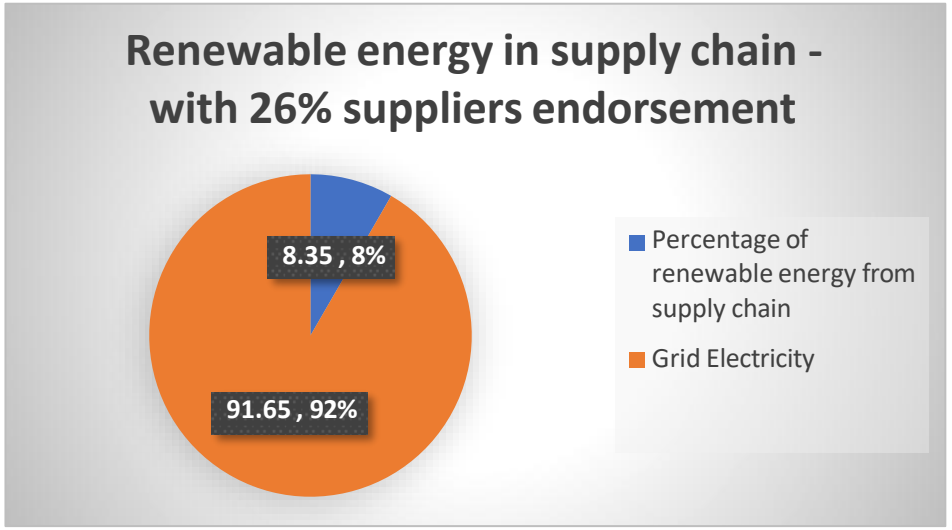
We had targeted to PCF for other suppliers, but our pilot project started with packaging suppliers, where we wanted to study the feedback and modify our data collection form to suit the industry and supply channels.

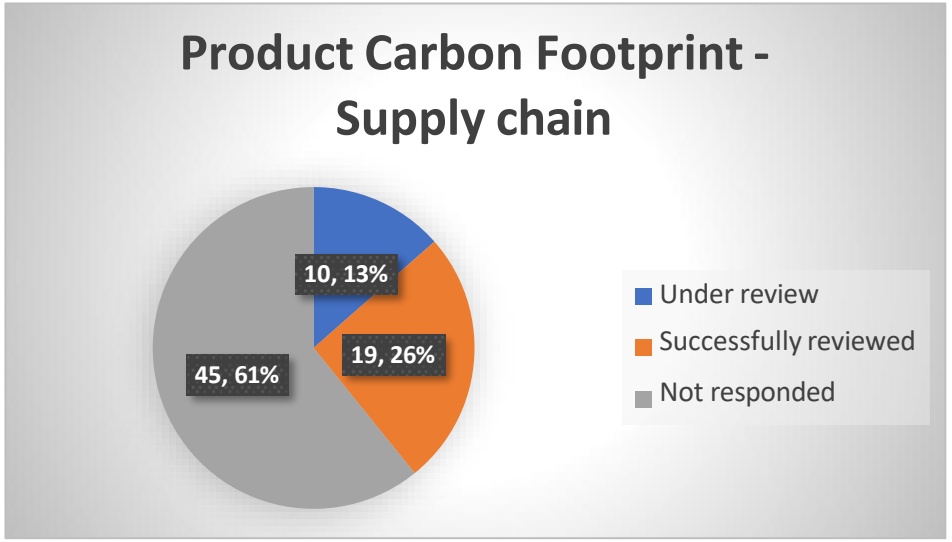
- Tea suppliers
- Engineering purchases
- Shipping lines
- HR, Administration & Housekeeping
- Others

Our plans for year 2026:

- AI platform to gather ESG data from suppliers – Tea
- We are aligned with UK-Tea association, Tea association of Canada and US along with few of the major tea producers to build up a Carbon Consortium :

Carbon Inventory list





Building the Consortium within the Industry

Already committed to support are:

CAMELLIA PLC

LIPTON Teas and Infusions

EST 1886 TAYLORS OF HARROGATE

TWININGS OF LONDON

Finlays Since 1750

RAINFOREST ALLIANCE

Williamson Tea

SUNTORY

Mother PARKERS

AHMAD TEA - LONDON -

REGINALD AMES TEA MERCHANTS & BROKERS 1909

TATA CONSUMER PRODUCTS

Solidaridad

Tea and Herbal Solutions Ltd.

TEA & HERBAL ASSOCIATION OF CANADA
ASSOCIATION DU THÉ ET DES TISANES DU CANADA

UKTEA & INFUSIONS ASSOCIATION

Tea Association of the U.S.A. Inc.

Cool Farm Tool

Introducing the cool farm tool

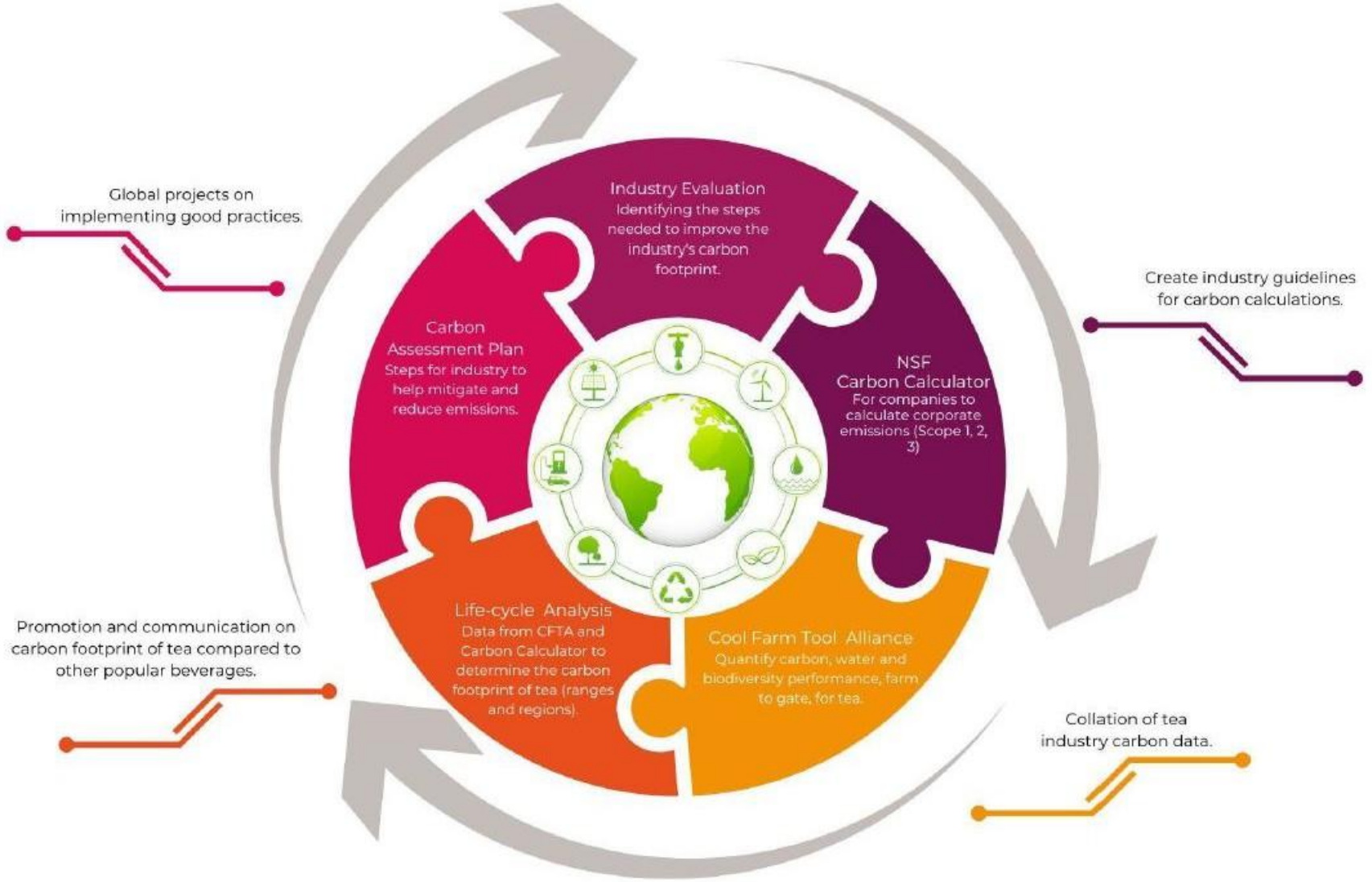
- CFT focuses on the environmental impact of the producing farm. It enables growers to make more informed on-farm decisions that reduce the environmental impact of crops.
- A quantified decision support tool which measures the impact of agricultural practices
- CFT assesses greenhouse gases, water efficiency, food loss & waste and bio-diversity.

How cool farm tool can be used

- Engage suppliers in sustainability
- Baseline current practices
- Decision making support
- Design improvement and farmer engagement strategies
- Monitor and track progress over time
- Capture data for external reporting –Science Based Targets
- Illustrate the synergy between more resilient farming and GHG mitigation
- Value addition through verifiable sustainable credentials

Cool Farm Tool – Data requirements

- Harvested yield and marketable yield product weights.
- Growing area
- Fertilizer applications: type and rate
- Number of pesticide applications
- Energy use (kWh and fuel use)
- Transport: mode, weight of product and distance
- Can build in specifics for tea e.g. sequestration potential and emissions from self-grown firewood



Cool Farm Tool – GHG calculation tool for Tea

Cool Farm Platform
v3.3.4

Platform
- Assessments
- Farms

Application
- API Docs

Support
- Support
- Knowledge Base
- Release Notes

Perennials v3 Pathway
Talawakelle tea Pl...
Great western Tea Estate, LK

kg CO₂e

3.3 M	3.3 M	0
Balance	Emissions	Removals

Crop summary
Crop: Tea
Assessment year: 2025
Lifecycle range: 1976 - 2050

Submitted — Aggregation Groups 1

Perennials v3 Pathway
Bogawantalawa
Bridwell tea estate, LK

kg CO₂e

3.1 M	3.1 M	0
Balance	Emissions	Removals

Crop summary
Crop: Tea
Assessment year: 2025
Lifecycle range: 1963 - 2037

Submitted — Aggregation Groups 1

Perennials v3 Pathway
Horana tea plantat...
Stockholm Tea estate, LK

kg CO₂e

1.6 M	1.6 M	0
Balance	Emissions	Removals

Crop summary
Crop: Tea
Assessment year: 2025
Lifecycle range: 1962 - 2036

Submitted — Aggregation Groups 0

Perennials v3 Pathway
Horanna Tea
Eildonhall tea estate , LK

kg CO₂e

1.1 M	1.1 M	0
Balance	Emissions	Removals

Crop summary
Crop: Tea
Assessment year: 2025
Lifecycle range: 1966 - 2040

Submitted — Aggregation Groups 1

Perennials v3 Pathway
Talawakelle tea
Moragala Tea Estate, LK

kg CO₂e

874.8 K	874.8 K	0
Balance	Emissions	Removals

Crop summary
Crop: Tea
Assessment year: 2025
Lifecycle range: 2001 - 2075

Submitted — Aggregation Groups 1

Perennials v3 Pathway
Talawakelle tea Pl...
Deniyaya Tea Estate, LK

kg CO₂e

1.9 M	1.9 M	0
Balance	Emissions	Removals

Crop summary
Crop: Tea
Assessment year: 2025
Lifecycle range: 2001 - 2075

Submitted — Aggregation Groups 1

Perennials v3 Pathway
Bogawantalawa T...
Norwood Tea estate, LK

kg CO₂e

1.9 M	1.9 M	0
Balance	Emissions	Removals

Crop summary
Crop: Tea
Assessment year: 2025
Lifecycle range: 2001 - 2075

Submitted — Aggregation Groups 1

Perennials v3 Pathway
Horanna tea plant...
Alton Tea Estate, LK

kg CO₂e

1.9 M	1.9 M	0
Balance	Emissions	Removals

Crop summary
Crop: Tea
Assessment year: 2025
Lifecycle range: 1996 - 2070

Submitted — Aggregation Groups 1

GHG Road Map - 2020 till 2050

2020

Register with SCS Global services to validate Carbon inventory – Spend based approach

Training and awareness for the EHS management team by SCS Global

2024

Aligned with UNGC to improve GHG reporting. Advanced the GHG reporting and aligned with SBTi/ SME climate HUB requirements.

1. Training on- ISO 14064 Greenhouse Gas Lead Verifier Training Course Completed
2. Data collection started

2026

Register with SBTi/ SME climate hub platform to public reporting aligning supply chain and distribution partners with net zero ambition.

1. Planned SBTi Training for the team
2. Building a Carbon Consortium within the tea industry to align supply chain

2028

Target to reduce carbon emissions by 30% - Majorly by calculating activity-based carbon calculation & inventory of scope 03.

1. Identify Carbon neutral suppliers in Tea, PM,
2. Target renewable energy in supply chain by 30%
3. Go Green office
4. 100% PM are Biodegradable or Recyclable

2030

Align supply chain and engage with the lowest GHG emission products and services to reduce emission by 50% in scope 03

1. All Suppliers in the chain would be aligned with our new zero targets.
2. Renewable energy in supply chain increased to 50%
3. Emirates renewable energy generations increased to 50%

2050

Reduce carbon emissions by 90% with 10% residual emissions and be Carbon Neutral.

1. Carbon neutral status obtained from a certification body
2. Aligned with MOCCAE goals and objectives - https://www.moccae.gov.ae/en/knowledge/climate-change

Thank you

Emirates Sustainability team
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