



# CARBON NEUTRALITY PAS 2060

## OBJECTIVES AND SCOPE

### NQA CERTIFICATION LIMITED

has undertaken independent third-party verification of carbon neutrality within the following boundaries:

Data removal and disposal of IT and electrical equipment including dismantling for subsequent re-use or environmental disposal. Secure destruction of confidential data both on-site and at the company's destruction centre in accordance with BS EN 15713:2009 with personnel screened in accordance with BS 7858:2019

On behalf of:

**Vyta** (which consists of Vyta Northern Ireland, Vyta GB, Vyta Republic of Ireland & Refreshed By Us (A Vyta Company) )

#### Address

**Vyta Northern Ireland** who operate from Unit 1 Mallusk View, Central Park, Newtownabbey BT36 4FR, Northern Ireland

**Vyta GB** who operate from Unit 28 Little Boyton Hall, Roxwell, Chelmsford CM1 4LN, United Kingdom

**Vyta Republic of Ireland** Operating from Unit 66 Block 503, Greenogue Business Park, Rathcoole, Dublin D24 F300, Ireland

**Refreshed By Us (A Vyta Company)** operating from Units 8-10 Pinebank, Channel Commercial Park, Queen's Road, Belfast, BT3 9DT, Northern Ireland

## Attestation

Date of Verification: **04/12/2023 & 05/12/2023**

Verification No: **677534, 677583 & 706161**

Period Verified: **01/01/2022 - 31/12/2022**

Future Commitment: **31/12/2023**

This verification exercise has been performed to:

**PAS 2060:2014 - Specification for the demonstration of carbon neutrality.**

Lead Verifier

Independent Reviewer

NQA is a trading name of NQA Certification Limited, Registration No. 09351758. Registered Office: Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, Bedfordshire, LU5 5ZX, United Kingdom.

This verification statement, including the opinion expressed herein, is provided to the reporting entity and is solely for its benefit in accordance with the standards related to GHG verification. NQA Certification Ltd. accepts no liability on our part to any other party which may have access to this statement.

Further detail related to the achievement of verification can be found herein. Please note this is multiple pages and must be considered as an entire document.



# **PAS 2060 Qualifying Explanatory Statement 2023**

**VMS ID V2\_ENV\_001**

**Version 01**

**Unrestricted**

## Contents

Vyta Qualifying Explanatory Statement .....	2
Overview .....	3
Methodology.....	3
Section 1: General Information .....	4
Section 2: Declaration of carbon neutrality .....	5
Section 3: Declaration of On-going commitment to carbon neutrality .....	5
Section 4: Carbon Footprint Breakdown.....	6
Scope 1 emissions .....	6
Scope 2 emissions .....	6
Scope 3 emissions .....	6
Table 1 – Vyta Mallusk CO2e emissions 2022 .....	7
Table 2 – Vyta Chelmsford CO2e emissions 2022 .....	8
Table 3 – Vyta Dublin CO2e emissions 2022.....	9
Table 4 – Vyta Titanic Quarter CO2e emissions 2022 .....	10
Table 5. Data Quality evaluation by emissions source .....	11
Section 5: Carbon Management Plan.....	12
Mallusk.....	12
Chelmsford.....	13
Dublin .....	14
Titanic Quarter.....	15
Section 6: Carbon Offsets .....	16
Offsets to be purchased to achieve carbon neutrality to-date.....	16
Carbon Offset Schemes .....	16
Annex A: PAS 2060 certification process.....	17

## Vyta Qualifying Explanatory Statement

## Overview

Vyta was established in 2001 to provide IT retirement solutions to the Irish and UK markets. We have three processing facilities based in Mallusk, Essex and Dublin, to support our UK & European customer base.

This report deals with Scopes 1, Scope 2, and Scope 3 Greenhouse Gas (GHG) emissions for the operational sites based in Mallusk (MAL), Chelmsford (CHE), Dublin (DUB) and Titanic Quarter (TQ) in Belfast, including transport to and from client sites. Waste Collections relating to our business activities is all reused and or recycled through our Downstream Vendors, as a result the following will be recorded as part of our Scope 3

- Electricity Transmission & Distribution losses
- Business Travel (Land)
- Freightage Goods
- Freightage Goods Ferry crossings
- Staff Commuting
- Hotel Stays

The purpose of the report is to measure the GHG emissions for the calendar year 2022 and will be measured against our 2021 Baseline.

During the reporting period for 2022 an additional 2 Vyta sites have been included, these are Vyta CHE and TQ.

The Qualifying Explanatory Statement will be publicly available and updated throughout the certification period. All information represented in this document is believed to be correct at the time of publishing. Should any information emerge that affects the integrity of this report, it will be updated to accurately reflect the status of any carbon-neutral statement made by Vyta.

## Methodology

The methodology follows the principles in the Greenhouse Gas Protocol Corporate Reporting standard.

Electricity and Gas consumption cannot be 100% accurately determined as meter readings are typically only taken twice a year, and typically not at the start or end of the year. Therefore, energy consumption is extrapolated from the actual readings that are available. Greenhouse gases included are CO<sub>2</sub>e, CO<sub>2</sub>, N<sub>2</sub>O and CH<sub>4</sub>. Other scope 1, 2 & 3 GHG emissions are negligible for Vyta.

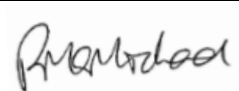
This document forms the Qualifying Explanatory Statement (QES) to demonstrate that Vyta has achieved carbon neutrality for Scope 1, Scope 2 and Scope 3 emissions arising from site operations in MAL, CHE, DUB & TQ, and mobile operations throughout Europe, in accordance with PAS 2060:2014 for the period commencing January 2022 to December 2022.

## Section 1: General Information

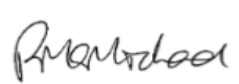
PAS 2060 Requirement	Vyta Response
Entity making PAS 2060 declaration:	Vyta Ltd consisting of <b>Vyta Mallusk (MAL)</b> who operate from Unit 1 Mallusk View, Central Park, Newtownabbey BT36 4FR, Northern Ireland <b>Vyta Chelmsford (CHE)</b> who operate from Unit 28 Little Boyton Hall, Roxwell, Chelmsford CM1 4LN, United Kingdom <b>Vyta Dublin (DUB)</b> Operating from Unit 66 Block 503, Greenogue Business Park Rathcoole, Dublin D24 F300, Ireland <b>Vyta Titanic Quarter (TQ)</b> operating from Units 8-10 Pinebank, Channel Commercial Park, Queen's Road, Belfast, BT3 9DT, Northern Ireland
Subject of PAS 2060 declaration:	The organisation included in the QES is Vyta Ltd consisting of processing facilities in Mallusk, Chelmsford, Dublin and Titanic Quarter, and transport to and from client sites in UK & Ireland. As well as Freight movement of waste to our Downstream vendors throughout UK & Ireland, ferry crossings, employee commuting and business travel including Hotel stays. GHG emissions included are Scope 1 Scope 2 & Scope 3.
Description of Subject:	Vyta's Core Purpose is to provide IT retirement solutions to the Irish, UK and European markets. During our reporting period, Vyta had Four processing facilities based in Mallusk, Chelmsford, Dublin & Titanic Quarter, to support our customer base. We deliver a full range of external services including Data Sanitisation and destruction, I.T Refurbishment and waste electrical services, we operate, across a wide range of Sectors and Clients throughout our geographical areas. We deliver external services on a Planned Preventative basis through our operational Sites. These consist of management teams, supervisors, Technicians and Collection crews operating both on and off site. Vyta is supported by office based, departments throughout the sites. We have defined our scope as the emissions that are directly under our control as set out in the Carbon Footprint section
Rationale for selection of the subject:	The entire organisation (Vyta Ltd) was selected to enable the full Carbon Footprint of our business to be quantified, verified, and certified. This gives us a recognised and credible baseline from which to develop effective carbon reduction plans. This will in turn enable us to reduce our environmental impact year on year
Type of conformity assessment:	Independent 3rd Party – NQA
Baseline date for PAS 2060 programme:	01/01/2022 – 31/12/2022
Individuals responsible for evaluation and provision of data necessary for declaration:	Richard Duckett – QESS Manager, Vyta

## Section 2: Declaration of carbon neutrality

PAS 2060 Requirement	Vyta Response				
Declaration of achievement:	Carbon neutrality of Vyta sites based in Mallusk, Chelmsford, Dublin, and Titanic Quarter, was achieved in accordance with PAS 2060 on 05/12/2023 for the period commencing 01.01.2022 and ending on 31.12.2022. This was verified by NQA Certification Ltd in December 2023 Vyta commits to Net-Zero by 2050				
<b>Recorded carbon footprint of the subject during the period stated above</b>					
Scope	MAL	CHE	DUB	TQ	Total
1 - Natural Gas	2.73 tCO2e	N/A	N/A	2.72 tCO2e	5.46 tCO2e
1 - Liquid Fuel	80.39 tCO2e	20.44 tCO2e	49.68 tCO2e	N/A	150.51 tCO2e
2 - Electricity	31.67 tCO2e	6.81 tCO2e	0 (Renewable)	11.08 tCO2e	49.56 tCO2e
3 - T&D Electricity	2.90 tCO2e	0.62 tCO2e	0.37 tCO2e	1.01 tCO2e	4.90 tCO2e
3 - Staff Commuting	75.86 tCO2e	66.28 tCO2e	N/A	12.06 tCO2e	154.20 tCO2e
3 -Hotel Stay (UK)	3.55 tCO2e	0.04 tCO2e	N/A	N/A	3.59 tCO2e
3 -Hotel Stay (London)	0.03 tCO2e	N/A	N/A	N/A	0.03 tCO2e
3 -Hotel Stay (Elsewhere)	0.51 tCO2e	N/A	N/A	N/A	0.51 tCO2e
3 - Freightng Goods	3.52 tCO2e	1.14 tCO2e	6.17 tCO2e	N/A	10.83 tCO2e
3 - Freightng Goods Ferry	23.79 tCO2e	N/A	N/A	N/A	23.79 tCO2e
3 - Business Travel (Land)	9.36 tCO2e	0.52 tCO2e	N/A	0.16 tCO2e	10.04 tCO2e
<b>Total</b>	<b>234.30 tCO2e</b>	<b>95.86 tCO2e</b>	<b>56.21 tCO2e</b>	<b>27.04 tCO2e</b>	<b>413.42 tCO2e</b>
<b>Exclusions</b>					
All Sites	Scope 3 - Waste generated on site is less than 1% of GHG. Scope 3 - Air Travel, no info collected for this period. Scope 3 - Capital Goods - No Procurement for Capex. Scope 3 - Procured Goods & Consumables - Less than 1%.				
Carbon footprint reduction target for period 01/01/22 - 31/12/22				7.38 tCO2e	
Location of GHG emissions report supporting this claim:				Section 4	
Location of the Carbon Footprint Management Plan				Section 5	
Location of the details describing internal reductions achieved				Section 5 (Mallusk & Dublin)	
Location of the details describing the carbon offsets:				Section 6	

Name of Senior Representative	Senior Representative Signature
Name: Philip McMichael  Position: CEO Date: 05/12/2023	

## Section 3: Declaration of On-going commitment to carbon neutrality

PAS 2060 Requirement	Vyta Response
Declaration of on-going commitment:	Vyta commits to maintaining carbon neutrality for the organisation in accordance with PAS 2060 for the period commencing on 07.12.2023 for a minimum of 1 year.
Location of the Carbon Footprint Management Plan	Section 5
Name of Senior Representative	Senior Representative Signature
Name: Philip McMichael  Role: CEO Date:05/12/2023	

## Section 4: Carbon Footprint Breakdown

In accordance with the requirements of PAS 2060, this QES quantifies GHG emissions for CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O. Other GHG emissions such as NF<sub>3</sub>, SF<sub>6</sub> and other HFCs, PFCs, are negligible for Vyta. Emissions are reported separately for each GHG and are also reported as a combine total for CO<sub>2</sub>e. Emission categories include:

### Scope 1 emissions

Scope 1 emissions are direct GHG emissions from sources a company owns or controls e.g.

- Consumption of Natural gas used by the company within our MAL & TQ sites
- Fuel consumed by company owned vehicles conducting company business to transport materials, products, waste, and employees.
- Fugitive emissions by the company (uncontrolled or unintentional emissions)

### Scope 2 emissions

Scope 2 emissions are indirect GHG emissions caused by electricity purchased by the company from an electricity supply company. Vyta electricity was sourced from Go Power for the units in MAL and TQ, and Renewable Energy was used through SSE for the DUB site & British gas Renewable energy for CHE during 2022.

Scope 2 emissions are reported using Utility Bills showing the consumption by Kwh.

### Scope 3 emissions

Scope 3 emissions are emissions that are a consequence of the activities of the company but occur from sources not owned or controlled by the company. Vyta have included the following for our Scope 3.

- Electricity Transmission & Distribution losses
- Business Travel (Land)
- Freight Goods
- Freight Goods Ferry crossings
- Staff Commuting
- Hotel Stays

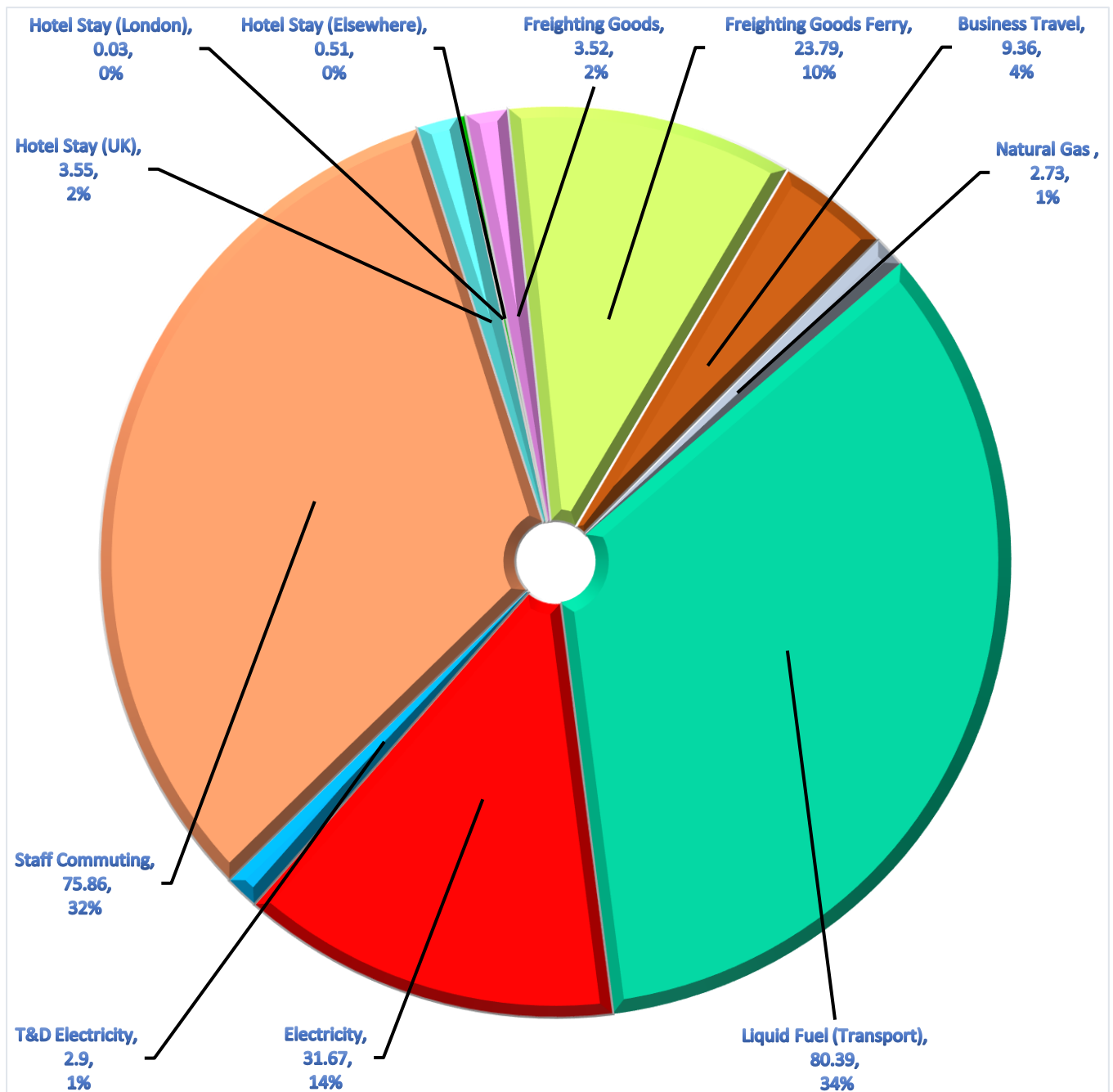
Organisational footprint breakdown covers at least 95% of Vyta's emissions.

Summary Carbon Footprint for Reporting Year 2022					
Scope	MAL	CHE	DUB	TQ	Total
1	83.12 tCO <sub>2</sub> e	20.44 tCO <sub>2</sub> e	49.68 tCO <sub>2</sub> e	2.72 tCO <sub>2</sub> e	155.97 tCO <sub>2</sub> e
2	31.67 tCO <sub>2</sub> e	6.81 tCO <sub>2</sub> e	0 (Renewable)	11.08 tCO <sub>2</sub> e	49.56 tCO <sub>2</sub> e
3	119.51 tCO <sub>2</sub> e	68.61 tCO <sub>2</sub> e	6.54 tCO <sub>2</sub> e	13.23 tCO <sub>2</sub> e	207.90 tCO <sub>2</sub> e
<b>Total</b>	<b>234.30 tCO<sub>2</sub>e</b>	<b>95.86 tCO<sub>2</sub>e</b>	<b>56.22 tCO<sub>2</sub>e</b>	<b>27.03 tCO<sub>2</sub>e</b>	<b>413.42 tCO<sub>2</sub>e</b>

Vyta's primary focus is to make reductions in carbon emissions derived from Natural Gas, fuel, electricity, business travel & Hotel Stays, as these can be more accurately quantified. The current carbon footprint of Vyta for 2022 is summarised below by Site. This includes all Scope 1, Scope 2 & Scope 3 CO<sub>2</sub>e emissions. The emissions are broken into their major components – CO<sub>2</sub>e, CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O

**Table 1 – Vyta Mallusk CO2e emissions 2022**

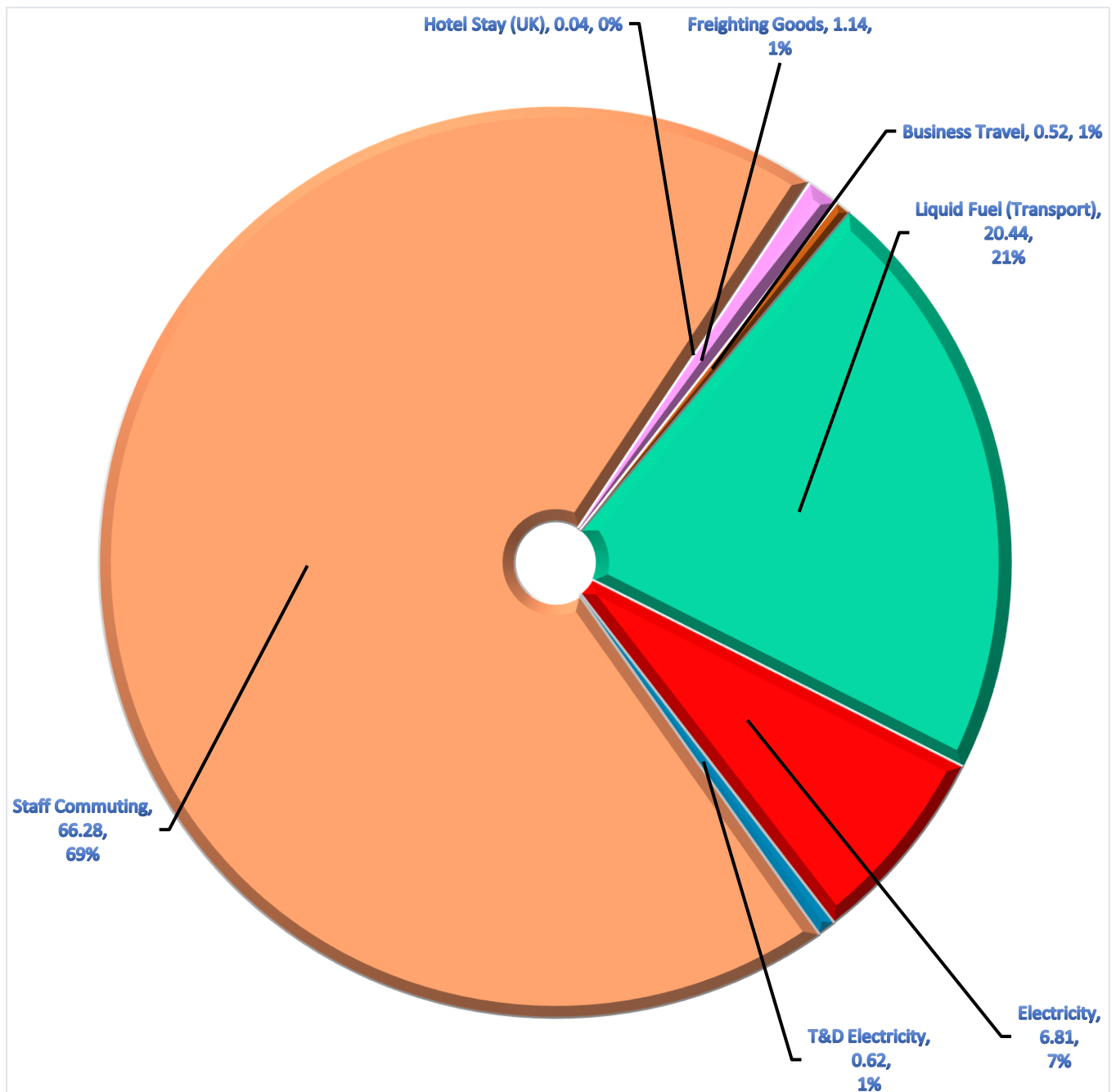
		2022			
		Tonne CO2e	Tonne CO2	Tonne CH4	Tonne N2O
Scope 1	Natural Gas	2.73	2.77	0.0038	0.0015
	Liquid Fuel (Transport)	80.39	79.22	0.01	1.16
Scope 2	Electricity	31.67	31.31	0.1310	0.2243
Scope 3	T&D Electricity	2.90	2.87	-0.011	0.020
	Staff Commuting	75.86	75.30	0.07	0.49
	Hotel Stay (UK)	3.55	N/A		
	Hotel Stay (London)	0.03			
	Hotel Stay (Elsewhere)	0.51			
	Freighting Goods	3.52	3.46	0.00	0.06
	Freighting Goods Ferry	23.79	23.46	0.009	0.32
Business Travel	9.36	9.29	0.0092	0.060	
<b>Total GHG Tonne</b>		<b>234.30</b>	<b>227.68</b>	<b>0.222</b>	<b>2.3358</b>





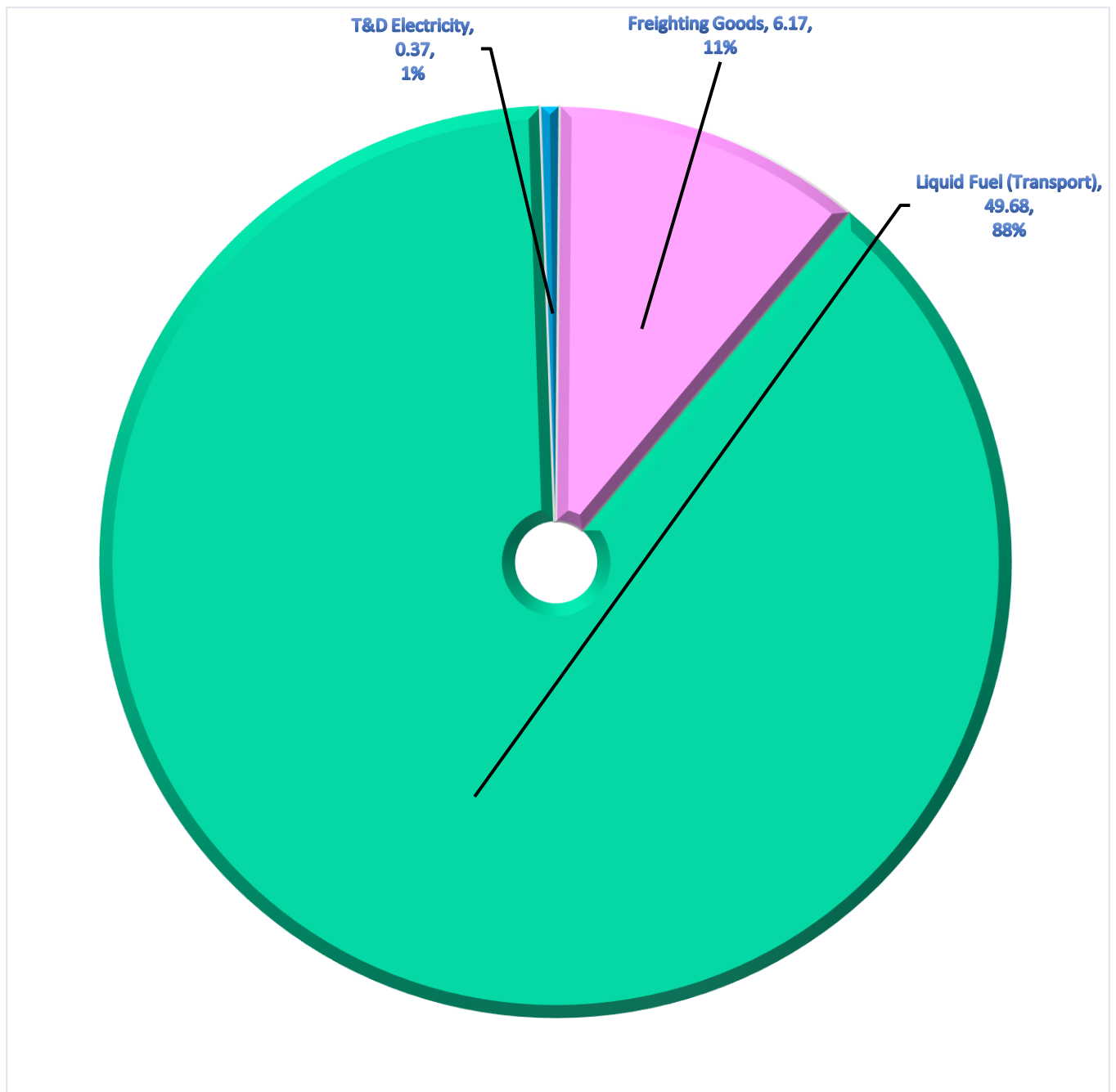
**Table 2 – Vyta Chelmsford CO2e emissions 2022**

		2022			
		Tonne CO2e	Tonne CO2	Tonne CH4	Tonne N2O
Scope 1	Natural Gas	N/A			
	Liquid Fuel (Transport)	20.44	20.15	0.00	0.30
Scope 2	Electricity	6.81	6.73	0.0282	0.0482
Scope 3	T&D Electricity	0.62	0.62	-0.002	0.004
	Staff Commuting	66.28	65.79	0.07	0.42
	Hotel Stay (UK)	0.04	N/A		
	Hotel Stay (London)	0			
	Hotel Stay (Elsewhere)	0			
	Freighting Goods	1.14	1.13	0.00	0.02
	Freighting Goods Ferry	N/A			
Business Travel	0.52	0.52	0.0005	0.003	
<b>Total GHG Tonne</b>		<b>95.85</b>	<b>94.94</b>	<b>0.0967</b>	<b>0.7952</b>



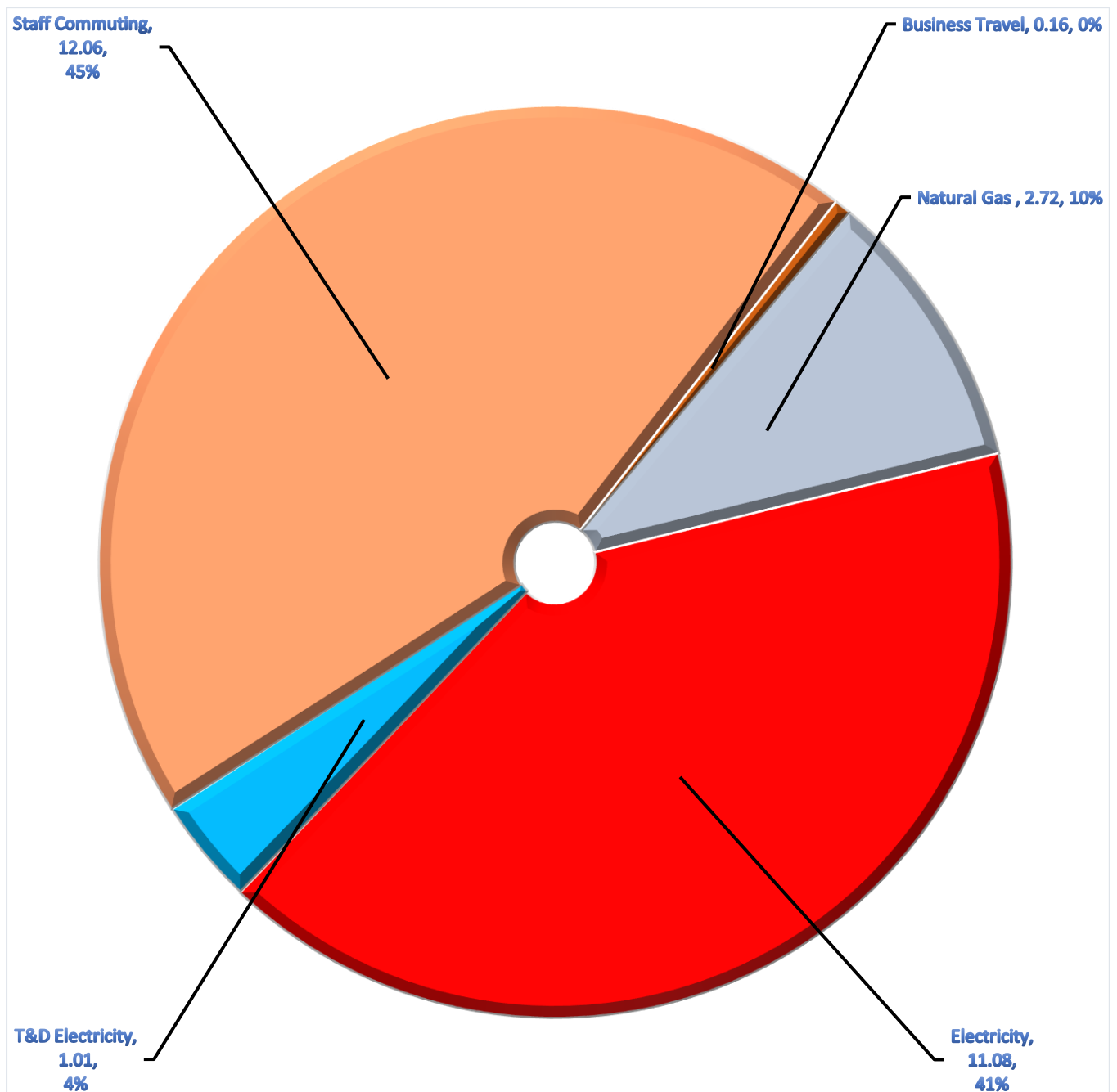
**Table 3 – Vyta Dublin CO2e emissions 2022**

		2022			
		Tonne CO2e	Tonne CO2	Tonne CH4	Tonne N2O
Scope 1	Natural Gas	N/A			
	Liquid Fuel (Transport)	49.68	48.95	0.01	0.72
Scope 2	Electricity	N/A			
Scope 3	T&D Electricity	0.37	0.36	-0.001	0.002
	Staff Commuting	N/A			
	Hotel Stay (UK)	N/A			
	Hotel Stay (London)				
	Hotel Stay (Elsewhere)				
	Freighting Goods	6.17	6.07	0.00	0.10
	Freighting Goods Ferry	N/A			
Business Travel	N/A				
<b>Total GHG Tonne</b>		<b>56.22</b>	<b>55.38</b>	<b>0.009</b>	<b>0.822</b>



**Table 4 – Vyta Titanic Quarter CO2e emissions 2022**

		2022			
		Tonne CO2e	Tonne CO2	Tonne CH4	Tonne N2O
Scope 1	Natural Gas	2.72	2.76	0.0038	0.0015
	Liquid Fuel (Transport)	N/A			
Scope 2	Electricity	11.08	10.96	0.0459	0.0785
Scope 3	T&D Electricity	1.01	1.00	-0.004	0.007
	Staff Commuting	12.06	11.97	0.01	0.08
	Hotel Stay (UK)	N/A			
	Hotel Stay (London)	N/A			
	Hotel Stay (Elsewhere)	N/A			
	Freighting Goods	N/A			
	Freighting Goods Ferry	N/A			
	Business Travel	0.16	0.16	0.0002	0.001
<b>Total GHG Tonne</b>		<b>27.03</b>	<b>26.85</b>	<b>0.0559</b>	<b>0.168</b>



**Table 5. Data Quality evaluation by emissions source**

Scope	Source	Data Source	Data Quality
Scope 1	Stationary Combustion - <b>GHG sourced from the UK GHG Emissions Calculation Tool template.</b>		
	Natural Gas	Natural gas consumption was sourced from gas supplier invoices. tCO2e emissions were as per UK GHG Conversion Factors 2022 website.	Good
	Mobile Combustion - <b>GHG sourced from the UK GHG Emissions Calculation Tool template.</b>		
	Owned Vehicles	Fuel consumption by company vehicles was measured using invoices from the fuel supply companies.	Good
Scope 2	Purchased Electricity - <b>GHG sourced from the UK GHG Emissions Calculation Tool template.</b>		
	Electricity	Electricity consumption was sourced from electricity supplier invoices.	Good
Scope 3	Business Travel - <b>GHG sourced from the UK GHG Emissions Calculation Tool template.</b>		
	Business Travel	Fuel consumption was sourced from mileage Claims submitted to the Finance department	Good
	Commuting	Commuting was sourced using a commuter form submitted by all employees within the business.	Good
	Freighting Goods, Freighting Goods Ferry & T&D - <b>GHG sourced from the UK GHG Emissions Calculation Tool template.</b>		
	Freighting Goods	Freighting Goods was conducted using Waste transfer notes from Vyta to the Downstream Vendor & calculating the distance and if a ferry crossing was required, and obtaining GHG emission factors	Good
	T&D Loss	T&D Loss was conducted using the KWH consumption	Good
	Hotel Stays	Hotel Stays were conducted using Bookings Made by Vyta and Hotel locations.	Good

## Section 5: Carbon Management Plan

### Mallusk

Statement of commitment to carbon neutrality for the defined subject			
Vyta had achieved carbon neutral for Mallusk in July 2022, and have committed to achieve certification on an annual basis until, at least 2025. Vyta commits to Net-Zero by 2050			
Results Summary of Mallusk Targets for GHG Reduction throughout 2022 relative to 2021 baseline			
Target for 2022 - Mallusk			
<b>Stationary Fuel reduction</b> - Reduction of 0.14 tCO2e. <b>Mobile Fuel reduction</b> - Reduction of 5.9 tCO2e. <b>Electricity</b> - Reduce electricity 0.3 tCO2e. <b>T&amp;D</b> - Reduce T&D by 0.062 tCO2e. <b>Business Travel</b> - Reduce Commuting by 0.9 tCO2e, Reduce Business Travel by 0.08 tCO2e.			
Total Reduction Target = 7.38 tCO2e.			
Scope	2021	2022	
Gas	2.76	2.73	Decreased Following Carbon Plan for 2021
Liquid Fuel	84.29	80.39	Decreased Following Carbon Plan for 2021
Electricity	35.00	31.67	Decreased Following Carbon Plan for 2021
T&D Electricity	3.10	2.90	
Staff Commuting	45.10	75.86	Increased Staff and more vehicles
Hotel Stay (UK)	Not Measured	3.55	
Hotel Stay (London)	Not Measured	0.03	
Hotel Stay (Elsewhere)	Not Measured	0.51	
Freighting Goods	1.90	3.52	Increased Workload
Freighting Goods Ferry	Not Measured	23.79	
Business Travel (Land)	7.60	9.36	Increased Travel to new site in England
<b>TOTAL GHG</b>	<b>179.75</b>	<b>234.30</b>	<b>Increased by 54.55 tCO2e</b>
Increase was due to Businesses operating at capacity following Covid, which attributed to increased workload resulting in increased Assets and manning.			
2023 Targets for GHG Reduction throughout 2022 baseline			
GHG Reduction	Target tCO2e	Means of Achieving	Achieve By
Gas	0.10	Reduce Heating Times and temperature	31/12/2023
Liquid Fuel	3	Improve Vehicle Maintenance & Idling, Driver Training	31/12/2023
Electricity	0.20	Remove excess lamps, Change bulbs, Switch off policy	31/12/2023
T&D Electricity	0.02	Natural Reduction if Electricity Target is achieved	31/12/2023
Staff Commuting	3	Encourage Car Share and or Alternative Transport	31/12/2023
Freighting Goods	0.20	Maximize Loads	31/12/2023
Freighting Goods Ferry	0.5	Naturally Reduced if Freighting Good reduces	31/12/2023
Business Travel (Land)	0.5	Encourage mor Remote meetings, Schedule Visits	31/12/2023
<b>TOTAL Target Reduction</b>	<b>7.52</b>		<b>31/12/2023</b>

## Chelmsford

Statement of commitment to carbon neutrality for the defined subject

Vyta had achieved carbon neutral for Chelmsford in December 2023, and have committed to achieve certification on an annual basis until, at least 2025. Vyta commits to Net-Zero by 2050

Results Summary of Chelmsford Targets for GHG Reduction throughout 2022 relative to 2021 baseline

Target for 2022 - Chelmsford

No Targets set as Baseline was not available.

Scope	2022	
Gas		N/A
Liquid Fuel	20.44	
Electricity	6.81	
T&D Electricity	0.62	
Staff Commuting	66.28	
Hotel Stay (UK)	0.04	
Hotel Stay (London)	0	
Hotel Stay (Elsewhere)	0	
Freighting Goods	1.14	
Freighting Goods Ferry		N/A
Business Travel (Land)	0.52	
<b>TOTAL GHG</b>	<b>95.85</b>	

Increase was due to Businesses operating at capacity following Covid, which attributed to increased workload resulting in increased Assets and manning.

2023 Targets for GHG Reduction throughout 2022 baseline

GHG Reduction	Target tCO2e	Means of Achieving	Achieve By
Liquid Fuel	2	Improve Vehicle Maintenance & Idling, Driver Training	31/12/2023
Electricity	0.20	Remove excess lamps, Change bulbs, Switch off policy	31/12/2023
T&D Electricity	0.02	Natural Reduction if Electricity Target is achieved	31/12/2023
Staff Commuting	2	Encourage Car Share and or Alternative Transport	31/12/2023
Freighting Goods	0.20	Maximize Loads	31/12/2023
<b>TOTAL Target Reduction</b>	<b>4.42</b>		<b>31/12/2023</b>

## Dublin

Statement of commitment to carbon neutrality for the defined subject			
Vyta had achieved carbon neutral for Dublin in July 2022, and have committed to achieve certification on an annual basis until, at least 2025. Vyta commits to Net-Zero by 2050			
Results Summary of Dublin Targets for GHG Reduction throughout 2022 relative to 2021 baseline			
Target for 2022 - Dublin			
<b>Electricity</b> - Reduce electricity 0.046 tCO2e. <b>T&amp;D</b> - Reduce T&D by 0.008 tCO2e. <b>Business Travel</b> - Reduce Commuting by 0.1 tCO2e, Reduce Business Travel by 0.08 tCO2e.			
Total Reduction Target = 0.568 tCO2e			
Scope	2021	2022	
Gas	N/A		
Liquid Fuel	36.54	49.68	Increased Following increased workload
Electricity	4.6	N/A	Decreased Following Carbon Plan (Renewable)
T&D Electricity	0.5	0.37	
Staff Commuting	2.50	0	Decreased, Staff use Bicycles
Hotel Stay (UK)	N/A		
Hotel Stay (London)			
Hotel Stay (Elsewhere)			
Freighting Goods	N/A	6.17	Increased Workload
Freighting Goods Ferry	N/A		
Business Travel (Land)	N/A		
<b>TOTAL GHG</b>	<b>44.14</b>	<b>56.22</b>	<b>Increased by 12.08 tCO2e</b>
Increase was due to Businesses operating at capacity following Covid, which attributed to increased workload resulting in increased Fuel for the vehicles, and further freighting requirements.			
2023 Targets for GHG Reduction throughout 2022 baseline			
GHG Reduction	Target tCO2e	Means of Achieving	Achieve By
Liquid Fuel	3	Improve Vehicle Maintenance & Idling, Driver Training	31/12/2023
Electricity	0	Maintain Renewable Energy	31/12/2023
Freighting Goods	0.20	Maximize Loads	31/12/2023
<b>TOTAL Target Reduction</b>	<b>3.20</b>		<b>31/12/2023</b>

## Titanic Quarter

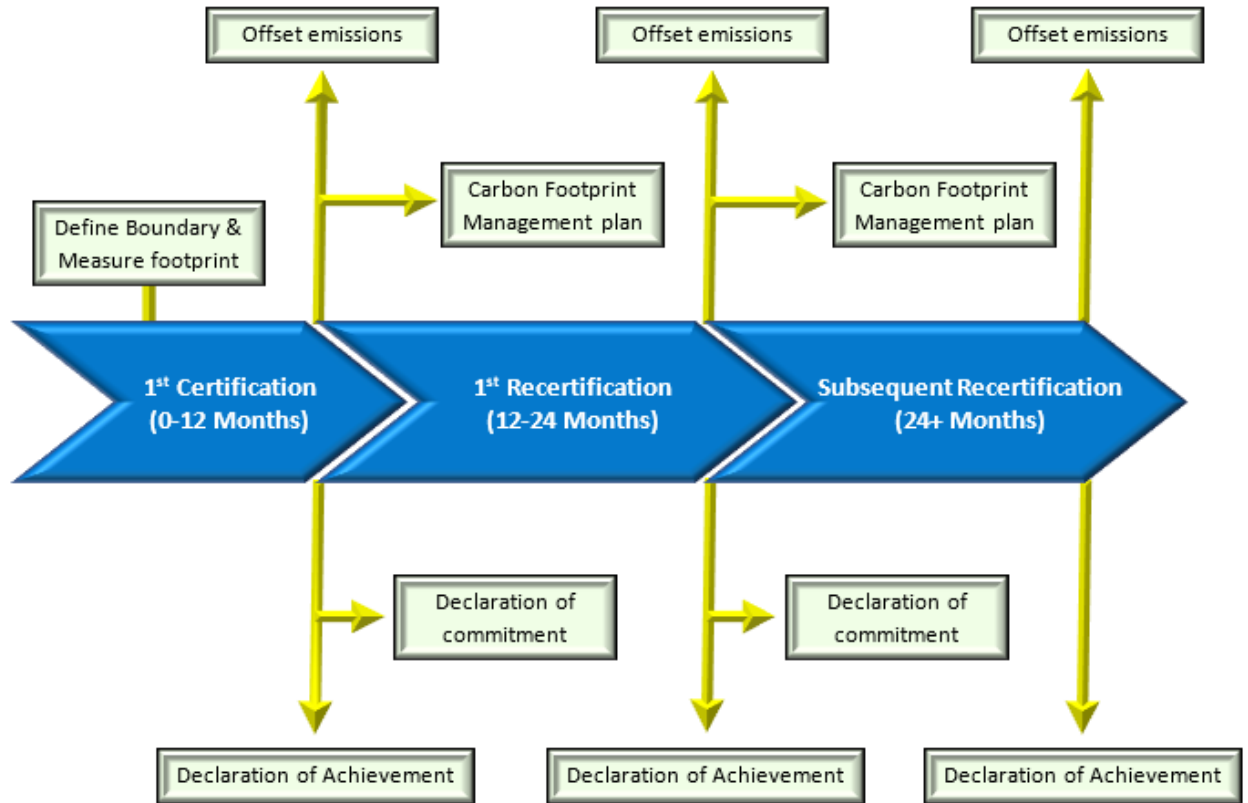
Statement of commitment to carbon neutrality for the defined subject			
Vyta had achieved carbon neutral for Titanic Quarter in December 2023, and have committed to achieve certification on an annual basis until, at least 2025. Vyta commits to Net-Zero by 2050			
Results Summary of Chelmsford Targets for GHG Reduction throughout 2022 relative to 2021 baseline			
Target for 2022 – Titanic Quarter			
No Targets set as Baseline was not available.			
Scope	2022		
Gas	2.72		
Liquid Fuel			N/A
Electricity	11.08		
T&D Electricity	1.01		
Staff Commuting	12.06		
Hotel Stay (UK)			
Hotel Stay (London)			N/A
Hotel Stay (Elsewhere)			
Freighting Goods			N/A
Freighting Goods Ferry			N/A
Business Travel (Land)	0.16		
<b>TOTAL GHG</b>	<b>27.03</b>		
Increase was due to Businesses operating at capacity following Covid, which attributed to increased workload resulting in increased Assets and manning.			
2023 Targets for GHG Reduction throughout 2022 baseline			
GHG Reduction	Target tCO2e	Means of Achieving	Achieve By
Gas	0.10	Reduce Heating Times and temperature	31/12/2023
Electricity	0.10	Remove excess lamps, change bulbs, Switch off policy	31/12/2023
T&D Electricity	0.005	Natural Reduction if Electricity Target is achieved	31/12/2023
Staff Commuting	1	Encourage Car Share and or Alternative Transport	31/12/2023
<b>TOTAL Target Reduction</b>	<b>1.205</b>		<b>31/12/2023</b>



## Section 6: Carbon Offsets

Offsets to be purchased to achieve carbon neutrality to-date					
<p>As there will be emissions from site operations and to meet our carbon neutrality commitment for emissions, any carbon emissions remaining after reduction efforts will be offset by purchasing high quality carbon offsets. However, our dependence on carbon offsets will diminish over time through emission reductions and other investments, such as Utilising Renewable energy, Replacing Radiators with Radiant Heating.</p> <p>Under PAS 2060 and as part of Vyta's commitment to maintain carbon neutrality these carbon credits must be from specified and audited sources, such as the Clean Development Mechanism (CDM), The woodland Carbon Code, or the Gold Standard and Verified Carbon Standard (VCS), to ensure no double counting or Greenwashing occurs and that the projects are actively removing carbon emissions.</p> <p><b>Total Offset Purchased = 414 tCO<sub>2</sub>e</b>  <b>GHG Emissions Offset</b>  <b>Scope 1 = 155.97 tCO<sub>2</sub>e</b>  <b>Scope 2 = 49.56 tCO<sub>2</sub>e</b>  <b>Scope 3 = 207.90 tCO<sub>2</sub>e</b></p>					
Carbon Offset Schemes					
Project Name	Country	Scheme	Credits	Generated	Retirement
155 MW Gas based combined Cycle Power Project	India	UN Framework Convention on climate change	224 tonnes	28/09/2022	28/09/2023 (CDM Registry)
RIMA Fuel Switch in Bocaiúva	Brazil	UN Framework Convention on climate change	414 tonnes	12/12/2023	12/12/2024 (CDM Registry)

## Annex A: PAS 2060 certification process



Annex A – Illustration of the cyclical process for demonstrating carbon neutrality, considering permitted baseline period exceptions.”