

Business Certification

Knauf

YEAR 2

01 January 2022 to 31 December 2022







Measured carbon EMISSIONS





Step one. MEASURE





Measured carbon footprint. Location BASED

Reporting year:

01 January 2022 to 31 December 2022

Reporting Boundary:

87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham

Emissions measured:

Electricity, T&D Losses, Natural Gas, Water, Fleet, Business Travel, Waste, Paper, Refrigerants, Biopropane, Diesel, Gas Oil/Red Diesel, Propane

Highlights:

Carbon footprint (tCO_2e):	113,837.2
Per employee (tCO ₂ e):	265.3
Next reduction target:	5%
Data quality score:	17 out of 20





Note: Your carbon footprint is reported two ways; one is using the location based method of calculating Scope 2 electricity emissions and the other the market based method. A location-based method reflects the average emissions intensity of grids on which energy consumption occurs (using mostly grid-average emission factor data). A market-based method reflects emissions from electricity that companies have purposefully chosen (or their lack of choice).



Measured carbon footprint. Market BASED

Reporting year: 01 January 2022 to 31 December 2022

Reporting Boundary:

87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham

Emissions measured:

Electricity, T&D Losses, Natural Gas, Water, Fleet, Business Travel, Waste, Paper, Refrigerants, Biopropane, Diesel, Gas Oil/Red Diesel, Propane

Highlights:

Carbon footprint (tCO2e):117,424.2Per employee (tCO2e):273.7Next reduction target:5%Data quality score:17 out of 20

Carbon footprint by emission source for year ending 2022, tCO₂e



Note: Your carbon footprint is reported two ways; one is using the location based method of calculating Scope 2 electricity emissions and the other the market based method. A location-based method reflects the average emissions intensity of grids on which energy consumption occurs (using mostly grid-average emission factor data). A market-based method reflects emissions from electricity that companies have purposefully chosen (or their lack of choice).



Measured carbon footprint. Yearly COMPARISON

YE2022 saw an absolute emissions reduction of 8.2% compared to YE2021. Within Buildings, the category which represents the bulk of emissions, there was a 7.9% fall.

Fleet has been normalised out of the year-on-year comparison as it was not measured for YE2021.

Sittingbourne water has also been normalised out of comparison as it was not measured for YE2021.

The public transport related aspect of business travel has also been normalised out of the year-on-year comparison, due to the data being unavailable this year.

Source Category	2021	2022	
Buildings	121,722.8	112,126.5	
Paper	2.9	2.5	
Business Travel	9.9	20.0	
Waste	1,964.4	1,431.2	
Water	43.2	44.7	
Total	123,743.1	113,624.9	

All rows and tables are rounded to one decimal place. This may lead to slight discrepancies in totals within the report.

Carbon footprint by emission source for year ending 2021 and 2022, tCO₂e





Carbon footprint. BUILLINGS

Emissions from Electricity and Natural Gas made up the majority of emissions within buildings. Emissions from these two sources fell by 15.9% and 6.8% respectively.

Buildings	2021	2022
Electricity	12,132.0	10,199.2
Gas Oil	692.1	113.8
LPG	820.0	-
Natural Gas	106,927.0	99,685.5
Refrigerants	78.1	3.8
Transmission and Distribution Losses	1,073.5	932.9
Biopropane	-	0.002
Diesel Fuel	-	476.4
Propane	-	714.9
Total	121,722.8	112,126.5

Buildings emissions for year ending 2021 and 2022, tCO2e



All rows and tables are rounded to one decimal place. This may lead to slight discrepancies in totals within the report.



Carbon footprint. Business *TRAVEL*

Emissions from Business Travel rose by 102% in YE2022 compared to YE2021. Whilst data regarding the public transport aspect of business travel was unavailable this year due to complications in obtaining the data. This has meant that all public transport related emission sources have been normalised out of the year-on-year comparison.

Business Travel	2021	2022	
Average Car	9.9	20.0	
Total	9.9	20.0	

Business travel emissions for year ending 2021 and 2022, tCO2e



All rows and tables are rounded to one decimal place. This may lead to slight discrepancies in totals within the report.



Carbon footprint. Fleet TRAVEL

Fleet Travel emissions were measured for the first time for the year ending 2022. Due to a lack of available data in the previous year, fleet emissions have been normalised out of the year-on-year comparison.

Fleet Travel	tCO ₂ e	%
Fleet Diesel Fuel	112.6	62.9
Fleet Petrol Fuel	66.5	37.1
Total	179.1	100.0

Fleet travel emissions for year ending 2022, tCO₂e





Carbon footprint. WASTE

Waste emissions fell by 27.1% in YE2022 compared to YE2021. This was predominantly driven by a lowering of emissions from landfill, which dropped by 57.4%.

Waste	2021	2022
Landfill	753.8	366.7
Recycled	1,210.6	1,064.6
Energy from Waste	-	0.005
Total	1,964.4	1,431.2

Waste emissions for year ending 2021 and 2022, tCO2e



All rows and tables are rounded to one decimal place. This may lead to slight discrepancies in totals within the report.

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Carbon footprint. WATER

Emissions from water increased by 3% in YE2022. The water values for last year have been restated to include the correct emission factor for the Dublin site. Sittingbourne has no water treatment.

Water	2021	2022
Water Supply	42.6	39.0
Water Treatment	0.6	5.7
Total	43.2	44.7

Water emissions for year ending 2021 and 2022, tCO2e



All rows and tables are rounded to one decimal place. This may lead to slight discrepancies in totals within the report.



Carbon footprint. PROCUREMENT

In YE2022, all purchased paper was recycled content, a move which helped lower emissions from this category by 13.8% overall.

Paper	2021	2022
Paper Primary Content	1.1	-
Paper Recycled Content	1.8	2.5
Total	2.9	2.5

Procurement emissions for year ending 2021 and 2022, tCO₂e



lpha All rows and tables are rounded to one decimal place. This may lead to slight discrepancies in totals within the report.



Measured carbon footprint. BY SCOPE

Measured carbon emissions by scope for year ending 2022, tCO₂e

Scope 1Scope 2

Scope 3

Scope	tCO ₂ e	%
Scope 1	101,173.5	88.9
Scope 2	10,199.2	9.0
Scope 3	2,464.5	2.2
Total	113,837.2	100.0



All rows and tables are rounded to one decimal place. This may lead to slight discrepancies in totals within the report.



Carbon footprint. BY LOCATION





Benchmarking Percentage reduction.

% reduction in absolute carbon by Planet Mark Members (Year 2021)*



**Certified using another qualifying metric.



Benchmarking Percentage reduction.

% reduction in carbon per employee by Planet Mark Members (Year 2021)*



*The benchmarking data above is based on YE2021 reporting period and a sample of 352 Members. It excludes Members in their first year of carbon measurement as historic comparison is not possible. **Certified using another qualifying metric.



Looking ahead. Targets for next year.





Carbon reduction target (5%) 5,691.9 tCO₂e





Target setting.

A Decade of Action: Pathways to Net Zero through varying emissions reduction trajectories





Social value.

Total Social Value £ 431,376

Social Value per employee £ 1,017



Social Value – Breakdown (i).

Theme	Ref	Measures	Units	Your amount
Procurement	NT14	Total amount (£) spent with VCSEs within your supply chain	£	465,777.49
Procurement	NT43	Initiatives taken throughout the local and global supply chain to strengthen the identification, monitoring and reduction of risks of modern slavery and unethical work practices occurring in relation to the contract (i.e. supply chain mapping, staff training, contract management)	${\mathfrak E}$ invested including staff time	25,805
Donations	NT28	Donations and/or in-kind contributions to specific local community projects (£ & materials)	£ value	1,080
Environmental	TPM1	Avoided Commute due to working from home	No. of commuting hours saved in the year	3,984.8
Community & Volunteering	NT8	No. of staff hours spent on local school and college visits suporting pupils e.g. delivering career talks, curriculum support, literacy support, safety talks (including preparation time)	No. staff hours	70
Community & Volunteering	NT12	No. of weeks spent on meaningful work placements or pre-employment course; 1-6 weeks student placements (unpaid)	No. weeks	2
Community & Volunteering	NT29	No. of hours volunteering time provided to support local community projects	No. staff volunteering hours	464
Community & Volunteering	NT50	Innovative measures to promote local skills and employment to be delivered on the contract - these could be e.g. co- designed with stakeholders or communities, or aiming at delivering benefits while minimising carbon footprint from initiatives, etc.	£ invested - including staff time (volunteering valued at £16.93 per hours, expert time valued at £101.00 per hour) and materials, equipment or other resources	£17,418.06

All rows and tables are rounded to one decimal place. This may lead to slight discrepancies in totals within the report.



Social Value – Breakdown (ii).

Theme	Ref	Measures	Units	Your amount
People	NT9	No. of weeks of training opportunities (BTEC, City & Guilds, NVQ, HNC - Level 2,3, or 4+) on the contract that have either been completed during the year, or that will be supported by the organisation until completion in the following years	No. weeks	15.2
People	NT10	No. of weeks of apprenticeships or T-Levels (Level 2,3, or 4) provided on the contract (completed or supported by the organisation)	No. weeks	456
People	NT20	No. of employees on the contract that have been provided access for at least 12 months to comprehensive and multidimensional wellbeing programmes	No. employees provided access	424
People	NT21	Equality, diversity and inclusion training provided both for staff and supply chain staff	No. hrs (total session duration)*no. attendees	637.5
People	NT39	Mental Health campaigns for staff on the contract to create community of acceptance, remove stigma around mental health	$\ensuremath{\mathfrak{L}}$ invested including staff time	£38997.90
All rows and tables are rounded	to one decimal pla	ace. This may lead to slight discrepancies in totals within the report.		



Step two. EMGAGE



Workshops.

At Planet Mark we believe each day is an opportunity to create change. Our engagement experts will help unlock your employees' passion and help embed sustainability within your organisation.

Our workshops seek to inform, inspire and empower participants to become part of your business' net zero journey.

One virtual 1h sustainability workshop is included with your Certification.

Book a call with us <u>here</u> to explore how we can help upskill, build confidence and participation among your team and wider stakeholders.



Workshop	Description
Sustainability Plan Workshop	A three-hour session which lifts the lid on operational carbon emissions, supporting a brainstorming session to understand impacts and consider actions that can make a material difference. Participants leave with a one-year Sustainability Plan with SMART targets, roles and responsibilities.
Net Zero Carbon Essentials	A three-hour CPD accredited workshop which introduces the fundamentals of net zero carbon and what it means for a business to embark on a Net Zero journey.
Net Zero Masterclass	Designed for senior leaders and board members, this short workshop covers the Net Zero terminology, legislation and frameworks and presents an opportunity for leaders to discuss the company's net zero journey.
Business Sustainability Essentials	A three-hour CPD accredited workshop covering the basics of business sustainability and the role your employees can adopt in driving change from within.
Supplier Engagement workshop	Invite your suppliers to learn about and get involved with your sustainability journey and net zero ambitions. We facilitate and build content particularly around Scope 3 emissions.



The Eden Project

At Planet Mark, we recognise that that we need nature to address the greatest challenges of our time.

The Eden Project, an educational charity, connects us with each other and the living world, exploring how we can work towards a better future.

As part of your certification with the Planet Mark, a number of tickets have been assigned to your organisation so you can visit the Eden Project for free – please get in touch to arrange your Eden Project visit and inspire and encourage positive action.



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Cool Earth PARMERSHIP

Protecting our rainforests is one of our best lines of defence against climate change.

- Cool Earth is helping rainforest communities to protect nearly 100,000 hectares of biodiversity rich rainforest across three continents.
- Behind this huge milestone are thousands of families whose futures have been transformed.





Step three. COMMITCATE





Communicating your international influence.

The Sustainable Development Goals (SDGs), also known as the Global Goals, are a collection of 17 interrelated goals set by the United Nations. They cover a broad range of social and economic development issues. These include poverty, hunger, health, education, climate change, gender, equality, water, sanitation, energy.

By measuring and reducing your carbon footprint with the Planet Mark, you can directly and measurably contribute to up to 9 SDGs addressing 14 SDG targets.







SDG alignment.

COULD W





5 ways to accelerate your sustainability journey.



1. Review our recommendations

Guidance for general best practice: See the Appendix of this report for recommendations to do with Data Collection & Quality, Building, Waste, Travel, Paper, Staff Engagement and Supplier Engagement.

2. Join our online community

Planet Mark online community platform: If you haven't already, invite your team to join our exclusive member-only community platform, where you can check out inspirational initiatives to implement in your own organisation and collaborate with other Planet Mark Members. Join <u>here</u>.

3. Use our toolkits & resources

Toolkits & Guides: Go to our Members Area on our <u>website</u> and make use of resources available to Planet Mark members.

4. Connect with us

Social media channels: We're active across social media and would love to help share your sustainability stories across our platform, just connect and tag us please!

5. Need more support?

We can help. We are here to support on your sustainability journey, no matter where you're at. If you're on a path to net zero, we have a suite of Net Zero <u>Solutions</u> to offer. If you want further stakeholder engagement support, browse our list of workshops <u>here</u> or just get in touch to discuss.



Data Report.







Current

01 January 2021 to 31 December 2021 01 January 202

01 January 2022 to 31 December 2022

Source	Scope	Unit	Amount	tCO₂e	Amount	tCO ₂ e	tCO₂e normalised [%] fro	Change in tCO₂e om previous year	% total carbon footprint	% Change in amounts from previous year
Buildings										
Biopropane	1	tonnes	-	-	0.5	0.002	0.002	-	0.01%	-
Diesel Fuel	1	litres	-	-	186,234.0	476.4	476.4	-	0.4%	-
Electricity (location based)	2	kWh	57,130,746.4	12,132.0	52,730,989.6	10,199.2	10,199.2	-16%	9%	-8%
Electricity (market based)	2	kWh	57,130,746.4	15,816.2	52,730,989.6	13,786.2	13,786.2	-13%	-	-8%
Gas Oil	1	litres	250,907.0	692.1	41,261.0	113.8	113.8	-84%	0.1%	-84%
LPG	1	litres	525,872.0	818.8	-	-	0.0	-	-	-
LPG	1	tonnes	0.4	1.1	-	-	0.0	-	-	-
Natural Gas	1	kWh	583,789,968.1	106,927.0	546,102,222.2	99,685.5	99,685.5	-7%	88%	-6%
Propane	1	litres	-	-	463,169.0	714.9	714.9	-	1%	-
Refrigerants	1	kg	40.4	78.1	1.8	3.8	3.8	-95%	0.003%	-96%
Transmission and Distribution Losses	3	kWh	57,130,746.4	1,073.5	52,730,989.6	932.9	932.9	-13%	1%	-8%
Procurement										
Paper Primary Content	3	tonnes	1.2	1.1	-	-	0.0	-	-	-
Paper Recycled Content	3	tonnes	2.4	1.8	3.4	2.5	2.5	41%	0.002%	41%
Travel										
Fleet Diesel Fuel	1	litres	-	-	44,014.5	112.6	0.0	-	0.1%	-
Fleet Petrol Fuel	1	litres	-	-	30,767.9	66.5	0.0	-	0.1%	-
Average Car	3	km	57,461.6	9.9	117,039.0	20.0	20.0	103%	0.02%	104%
Waste										
Energy from Waste	3	tonnes	-	-	0.2	0.005	0.005	-	0.01%	-
Landfill	3	tonnes	1,948.6	753.8	785.1	366.7	366.7	-51%	0.3%	-60%
Recycled	3	tonnes	57,133.9	1,210.6	50,025.6	1,064.6	1,064.6	-12%	1%	-12%
Water										
Water Supply	3	cubic metres	285,726.1	42.6	484,290.6	72.2	39.0	-8%	0.1%	69%
Water Treatment	3	cubic metres	2,181.6	0.6	20,767.4	5.7	5.7	832%	0.005%	852%
			Locatio	n Based						
Total		tCO ₂ e		123,743.1		113,837.2	113,624.9	-8%		
No. employees		Number		433		429.0	429.0			
Total per employee		tCO ₂ e		285.8		265.3	264.8	-7%		
Total floor space		m²		69,393.0		69,393.0	69,393			
Building emissions per m ²		tCO ₂ e		1.8		1.6	1.6	-8%		
			Market	Based						
Total		tCO ₂ e		127,427.3		117,424.2	117,211.9	-8%		
No. employees		Number		433		429.0	429.0			
Total per employee		tCO ₂ e		294.3		273.7	273.2	-7%		
Total floor space		m²		69,393.0		69,393.0	69,393			
Building emissions per m ²		tCO ₂ e		1.8		1.7	1.7	-8%		

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bout this report – General.

Company Name	Knauf
Sector	Manufacturing
Reporting Period	01 January 2022 to 31 December 2022
Year Of Certification	2nd
Reporting Boundary	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham
Emission sources included	Electricity, T&D Losses, Natural Gas, Water, Fleet, Business Travel, Waste, Paper, Refrigerants, Biopropane, Diesel, Gas Oil/Red Diesel, Propane
Total FTE Employees (annual average no.)	429
Total Internal Floorspace (m ²)	69,393
Data Collection Lead	Richard Gibbons, richard.gibbons@knauf.com, Compliance Leader
Baseline Conversion Factor	BEIS 2021
Current Conversion Factor	BEIS 2022; The National TOMs 2022
Methodology	We follow the GHG Protocol for Corporate Emission Reporting and The National TOMs Framework for Social Value Reporting. Refer to Planet Mark Business Certification Scheme Rules for detailed information on the methodology and standards used in the preparation of this report.
Community Project	Contributions to the Eden Project have been made as part of Planet Mark Certification.
Prepared by	Zac Harkin, Data Analyst, Planet Mark
Checked by	Jamie Beevor, Head of Technical, Planet Mark Alex Smith, Technical Consultant, Planet Mark
Date	03 July 2023



About this report – Caveats (i).

Operational Boundary	Scope	Unit	Data Source	Data Accuracy	Comments, omissions, estimates or extrapolations	Organisational Boundary

					Please refer to the adjusted data slide(s) for details of interpolation.	
					Your electricity consumption is shown in the carbon footprint as Purchased Electricity emissions	87 Broomhill rd Tallaght 24
					(Scope 2 emissions) and Electricity Transmission and Distribution losses (Scope 3 emissions).	Co. Dublin, Knauf, Kemsley
				Actual, some interpolatior	1	Fields Business Park,
Electricity	2 and 3	kWh	Invoice	to match the reporting	Your scope 2 electricity emissions are reported in two ways: location-based and market-based	Ridham Dock, Iwade,
				period.	methods. Location-based electricity emissions have been calculated using carbon emission	Sittingbourne, ME9 8SR,
					factors for average national or sub-national grid electricity. Market-based electricity emissions	96 Kings Road,
					have been calculated using carbon emission factors for your specific electricity supply fuel mix as	Immingham
					published on your supplier's website.	-

Note: unless otherwise stated in the report all electricity emissions are location based (i.e. calculated using carbon emission factors for average UK national grid electricity). Do let us know if your electricity is from 100% renewable energy and we will provide dual reporting to show both market based and location based electricity emissions.

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About this report – Caveats (ii).

Operational Boundary	Scope	Scope Unit Data Source Data Accurac		Data Accuracy	Comments, omissions, estimates or extrapolations	Organisational Boundary	
On-Site Renewables	2	kWh	Meter read	Estimated	The solar panel entries have been excluded this year due to a lack of data availability, the member has expressed data will be available next year.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham	
Natural Gas	1	kWh	Invoice	Actual	None	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham	
Building Fuel	1	litres	Invoice	Actual	Switch to propane this year is a genuine switch in supply. A BEIS biopropane emissions factor has been used as a proxy for Bio LPG.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham	
Building Fuel Note: unless otherwise stated in the repo	1 rt all electricity emi	litres	Invoice	Actual	A BEIS biopropane emissions factor has been used as a proxy for Bio LPG.	Ridham Dock Ridham Dock Sittingbourne, I 96 Kings F Immingh	

Do let us know if your electricity is from 100% renewable energy and we will provide dual reporting to show both market based and location based electricity emissions.

About this report – Caveats (iii).

Operational Boundary	Scope	Unit	Data Source	Data Accuracy	Comments, omissions, estimates or extrapolations	Organisational Boundary
Refrigerants	1	kg	Invoice	Actual	None	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham
Water Supply & Treatment	3	m³	Invoice	Actual, some interpolatior to match the reporting period.	n Interpolation and extrapolation to match the reporting period. Sittingbourne water has been normalised this year due to the data being unavailable last year. Immingham sewage values have been taken for water treatment.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham
Fleet Vehicles	1	litres	Supplier report.	Actual	Fleet consumption was taking place within last years reporting period however the data was not available so was not included, it has therefore been normalised out of the comparison this year.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham

Note: unless otherwise stated in the report all electricity emissions are location based (i.e. calculated using carbon emission factors for average UK national grid electricity). Do let us know if your electricity is from 100% renewable energy and we will provide dual reporting to show both market based and location based electricity emissions.

About this report – Caveats (iv).

Operational Boundary	Scope	Unit	Data Source	Data Accuracy	Comments, omissions, estimates or extrapolations	Organisational Boundary
Private Vehicles Used for Business	3	km	Supplier report.	Actual	None	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham
Waste	3	tonnes	Supplier report.	Actual	Dublin waste has been confirmed to be in Kilograms, whilst the Immingham waste and Sittingbourne has been confirmed to be in tonnes.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham
Procurement - Paper	3	tonnes	Supplier report.	Actual	Boxes ordered have been confirmed to contain 2500 sheets per quantity ordered.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham

Note: unless otherwise stated in the report all electricity emissions are location based (i.e. calculated using carbon emission factors for average UK national grid electricity). Do let us know if your electricity is from 100% renewable energy and we will provide dual reporting to show both market based and location based electricity emissions.

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About this report – Caveats (v).

Operational Boundary	Operational Boundary Scope Unit		Data Source	Data Accuracy	Comments, omissions, estimates or extrapolations	Organisational Boundary
Headcount		no.	Primary source - note from payroll	Actual	We have used the annual average full-time equivalent employees. Part-time employees are assumed to work 20 hours a week. We assume headcount only includes active employees (i.e. excludes employees on furlough).	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham
Turnover		£m	Primary source - note from finance director	Assumed Actual	None	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham
Floor Area		m²	Secondary source - data submission form	Assumed Actual	None	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham
Note: unless otherwise stated in the report	all electricity em	issions are	location based (i.e. calculated u	sing carbon emission fa	actors for average UK national grid electricity).	

Do let us know if your electricity is from 100% renewable energy and we will provide dual reporting to show both market based and location based electricity emissions.

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About this report – Caveats (vi).

	Operational Boundary	Scope	Unit	Data Source	Data Accuracy	Comments, omissions, estimates or extrapolations	Organisational Boundary
Norma	llisation					Fleet consumption was taking place within last years reporting period however the data was not available so was not included, it has therefore been normalised out of the comparison this year. Whilst public transport consumption within business travel is not available this year, therefore it has been normalised out of the comparison to reflect this. Sittingbourne water has been normalised also due to the data being unavailable for inclusion last year.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham

Note: unless otherwise stated in the report all electricity emissions are location based (i.e. calculated using carbon emission factors for average UK national grid electricity). Do let us know if your electricity is from 100% renewable energy and we will provide dual reporting to show both market based and location based electricity emissions.



About this report. Data Quality.

Data quality score

The data quality score is based on the 'Data Quality Matrix' in the Planet Mark Business Certification Scheme Rules and provides an indication of data assurance when using information in this report in your business.

	Previous Year	01 January 2022 to 31 December 2022	Definition
Relevance of boundary	4	3	Boundary accurately reflects the majority of the business carbon footprint for the studied period.(eg at least 75% of organisational activity included)
Data completeness	4	3	12 months of data provided for most sources.
Transparency	4	4	Full disclosure of assumptions and sufficient original evidence provided to support data submission.
Data accuracy	4	4	Mainly use of primary data sources and minimal estimated data.
Consistency		3	Largely consistent or improved methods, boundary and data completeness with supporting evidence of changes made.
Total score	16 out of 16	17 out of 20	

As a way to improve your data quality score for future reports, it is recommended:

- Provide 12 months' worth of data for all sources where possible;
- Share information on the type of vehicle and fuel used for Business Travel.



About this report – Caveats – Adjusted Data (i).

Notes: Data for the periods shown below has been interpolated or extrapolated as indicated in the table.

Emission Source	Scope	Site	Data Source	Data Accuracy	Date From	Date To	No. of Days	Adjusted Date From	Adjusted Date To	Adjusted No. of Days	Comment
Electricity	2 and 3	Dublin Warehouse	Invoice	Actual	17-12-2021	21-02-2022	67	01-01-2022	21-02-2022	52	Interpolation of data to match the reporting period.
Electricity	2 and 3	Dublin Warehouse	Invoice	Actual	16-12-2022	17-02-2023	64	16-12-2022	31-12-2022	16	Interpolation of data to match the reporting period.
Water Supply	3	Immingham	Invoice	Actual	18-01-2022	26-01-2022	9	01-01-2022	26-01-2022	26	Extrapolation to match the reporting period.
Water Supply	3	Immingham	Invoice	Actual	27-12-2022	26-01-2023	31	27-12-2022	31-12-2022	5	Interpolation of data to match the reporting period.
Water Supply	3	Dublin Warehouse	Invoice	Actual	11-11-2021	19-01-2022	70	01-01-2022	19-01-2022	19	Interpolation of data to match the reporting period.



About this report – Caveats – Adjusted Data (ii).

Notes: Data for the periods shown below has been interpolated or extrapolated as indicated in the table.

Emission Source	Scope	Site	Data Source	Data Accuracy	Date From	Date To	No. of Days	Adjusted Date From	Adjusted Date To	Adjusted No. of Days	Comment
Water Supply	3	Dublin Warehouse	Invoice	Actual	18-10-2022	10-01-2023	85	18-10-2022	31-12-2022	75	Interpolation of data to match the reporting period.
Water Treatment	3	Immingham	Invoice	Actual	18-01-2022	26-01-2022	9	01-01-2022	26-01-2022	26	Extrapolation to match the reporting period.
Water Treatment	3	Immingham	Invoice	Actual	27-12-2022	26-01-2023	31	27-12-2022	31-12-2022	5	Interpolation of data to match the reporting period.
Water Treatment	3	Dublin Warehouse	Invoice	Actual	11-11-2021	19-01-2022	70	01-01-2022	19-01-2022	19	Interpolation of data to match the reporting period.
Water Treatment	3	Dublin Warehouse	Invoice	Actual	18-10-2022	10-01-2023	85	18-10-2022	31-12-2022	75	Interpolation of data to match the reporting period.



About this report – Caveats – Social Value (i).

Theme	Ref	Data source	Data Accuracy	Comments	Organisational boundary
People	NT9	Secondary Source	Actual	HR note confirming that 2 employees had 1 day release to college for 38 academic weeks. The equivalent to 15.2 weeks.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham
People	NT10	Primary Source	Actual	All apprentices evidenced with number of weeks provided.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham
People	NT20	Primary Source	Actual	Average FTE headcount number taken from the carbon analysis, minus Dub headcount as they do not count towards social value due to being outside th UK.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham



About this report – Caveats – Social Value (ii).

Theme	Ref	Data source	Data Accuracy	Comments	Organisational boundary
People	NT21	Primary Source	Actual	114 hours gender identity & expression training, 51 hours of equality, diversity and inclusion training & 472.5 hours of Dignity at work training, HR data confirms these values.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham
People	NT39	Primary Source	Actual	Spend in relation to mental health campaigns for staff expressed.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham
Community & Volunteering	NT8	Primary Source	Actual	40 hours and 30 hours across two employees.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham



About this report – Caveats – Social Value (iii).

Theme	Ref	Data source	Data Accuracy	Comments	Organisational boundary
Community & Volunteering	NT12	Primary Source	Actual	Number of weeks spent on work placement provided.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham
Community & Volunteering	NT29	Primary Source	Actual	464 hours spent volunteering across a variety of volunteer programmes. Assuming 8 hours across 58 work days. Not included in NT17 due to double counting.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham
Community & Volunteering	NT50	Primary Source	Actual	Time valued at an expert rate.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham



About this report – Caveats – Social Value (iv).

Theme	Ref	Data source	Data Accuracy	Comments	Organisational boundary
Environmental	TPM1	Primary Source	Estimated	Breakdown provided of estimated commute time saved due to working from home.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham
Donations	NT28	Primary Source	Actual	Donations made monthly with a set amount donated throughout the year.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham
Procurement	NT14	Primary Source	Actual	Spend towards a VCSE provided.	87 Broomhill rd Tallaght 24 Co. Dublin, Knauf, Kemsley Fields Business Park, Ridham Dock, Iwade, Sittingbourne, ME9 8SR, 96 Kings Road, Immingham



About this report – Caveats – Social Value (v).





About this report. Data Quality – Social Value.

Data quality score

The data quality score is based on the 'Data Quality Matrix' in the Planet Mark Business Certification Scheme Rules and provides an indication of data assurance when using information in this report in your business.

As a way to improve your data

 To ensure that upon submission all entries are referenced with evidence that expresses not only the value, but also the relation to the specific NT.

available, please provide HR notes explaining how the value was obtained.
Provide another in depth and detailed social value submission for a continued positive consistency score next year.

Where evidence is not readily

recommended:

quality score for future reports, it is

	Previous Year	01 January 2022 to 31 December 2022	Definition
Relevance of boundary	3	3	Boundary accurately reflects the majority of the business social values activities for the studied period.(eg at least 75% of organisational activity included)
Data completeness	3	3	12 months of data provided for most sources.
Transparency	3	3	Majority disclosure of assumptions and/or some original evidence provided.
Data accuracy	3	3	Some use of primary data sources and minimal estimated data.
Consistency		3	Largely consistent or improved methods, boundary and data completeness with supporting evidence of changes made.
Total score	12 out of 16	15 out of 20	



Recommendations. APPENDIX

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Guidance for general best practice.



Data collection and quality

Evidence pack: Collate all relevant invoices in an electronic evidence pack.

Utilities: Take readings of all meters on the last day of the month. Investigate the installation of smart meters.

Headcount: Ask HR for a table showing monthly full time equivalent headcount for the whole reporting period.

Fuel: Introduce fuel cards.

Travel: Ask your travel suppliers to provide you with a report detailing mileage and mode of transport so you can accurately add data to your carbon footprint. For non centrally booked travel record mode of travel, destination/origin and distances travelled in expense claim forms.

Building

Energy efficiency: Regular 'energy audits' will help identify where most energy is being used and potential wastage from equipment, lights and heat loss. Investigate the installation of LED, T5 and sensor lighting and the upgrade of heating controls.

Waste

Carry out a waste management audit: To

understand what waste you are producing, where it is coming from and what the best route for it would be. Provide plenty of bins for segregating waste correctly and encouraging recycling.

Engage your waste management supplier to

help you reduce landfill waste and instead increase the proportion that goes to recycling and to energy from waste.



Guidance for general best practice.



Water

Check your meters at night, or when water is not in use, to monitor leakage.

Introduce a water use awareness campaign in communal kitchen areas.

Travel

Record all business travel and promote public transport options for business meetings.

Arrange safe and fuel efficient driving training for all drivers. Plan driver routes to finish at their homes.

Choose fuel efficient vehicles. Electric or hybrid cars are exempt from various taxes. Subsidies are also available for smallest vehicles. Provide incentives for employees to opt for low carbon cars, and limit choices to those which meet sustainability criteria

Choose travel management companies,

airlines, taxi companies, couriers and other providers that are Planet Mark certified, and look for clear progress on improving fuel efficiency and pursuing credible, sustainable solutions for travel.

Paper

Buy paper from sustainable forests or recycled content. Ask for FSC or PEFC branded paper as a minimum - ideally with the EU Eco label.

Choosing recycled content paper, your carbon emissions from paper use are reduced by 30% but choosing sustainably sourced paper the benefits are more holistic as you support the demand for sustainably managed forests which may otherwise be cut down for a different land use such as agriculture.



Guidance for general best practice.



Staff engagement

Organise annual sustainability workshops. Carry out an energy awareness and 'switch off' campaign.

Supplier engagement

Explore your possibilities and choose

consciously. Check the <u>Planet Mark website</u> for companies that are currently engaged on reducing their carbon footprint.



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www.planetmark.com

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Get in touch

info@planetmark.com +44 203 751 8108 planetmark.com

71 – 75 Shelton Street, Covent Garden, London, WC2H 9JQ