

# **Business Certification**

### **Agua Fabrics**

YEAR 1

01 October 2021 to 30 September 2022







## Total carbon EMISSIONS





# Step one. MEASURE





## **Total carbon footprint. Location** BASED

**Reporting year:** 01 October 2021 to 30 September 2022

**Reporting Boundary:** Hyde House, Head office and Regional Sales Agents

#### **Emissions measured:**

Electricity, T&D Losses, Waste, Fleet, Business Travel, Paper, Homeworking (excluded from footprint), Freight

#### **Highlights:**

Carbon footprint (tCO2e):93.1Per employee (tCO2e):7.4Next reduction target:5%Data quality score:10 out of 16

Carbon footprint by emission source for year ending 2022,  $tCO_2e$ 



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 w hich 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).



## Total carbon footprint. Market BASED

**Reporting year:** 01 October 2021 to 30 September 2022

**Reporting Boundary:** Hyde House, Head office and Regional Sales Agents

#### **Emissions measured:**

Electricity, T&D Losses, Waste, Fleet, Business Travel, Paper, Homeworking (excluded from footprint), Freight

#### **Highlights:**

Carbon footprint (tCO2e):94.8Per employee (tCO2e):7.6Next reduction target:5%Data quality score:10 out of 16

Carbon footprint by emission source for year ending 2022,  $tCO_2e$ 



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 w hich 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).



## **Carbon footprint.** BUTTERS

#### Buildings emissions for year ending 2022, tCO<sub>2</sub>e

Electricity

Transmission and

**Distribution Losses** 

Buildings	tCO <sub>2</sub> e	%
Electricity	1.4	91.6
Transmission and Distribution Losses	0.1	8.4
Total	1.5	100.0



0.1, 8.4%

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

Business Travel	tCO <sub>2</sub> e	%
Air Travel	8.2	47.6
Diesel Car	5.6	32.5
Petrol Car	3.3	19.0
Rail Travel	0.1	0.8
Total	17.3	100.0

Business travel emissions for year ending 2022, tCO<sub>2</sub>e



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 for year ending 2022, tCO<sub>2</sub>e

Fleet Hybrid Car

Fleet Travel	tCO <sub>2</sub> e	%
Fleet Hybrid Car	1.2	100.0
Total	1.2	100.0



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## **Carbon footprint.** WASTE

Waste emissions for year ending 2022, tCO<sub>2</sub>e

Landfill

Waste	tCO <sub>2</sub> e	%
Landfill	0.1	100.0
Total	0.1	100.0



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## Carbon footprint. PROCUREMENT

#### Procurement emissions for year ending 2022, tCO<sub>2</sub>e

Paper	tCO <sub>2</sub> e	%
Paper Primary Content	0.2	100.0
Total	0.2	100.0





## Carbon footprint. Courier FREIGHT

Freight	tCO <sub>2</sub> e	%
Freight HGV	71.7	98.6
Freight Ship	1.0	1.4
Total	72.8	100.0

Freight emissions for year ending 2022, tCO<sub>2</sub>e

Freight HGVFreight Ship



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



## **Total carbon footprint.** BY SCOPE

Total carbon emissions by scope for year ending 2022,  $tCO_2e$ 

Scope	tCO <sub>2</sub> e	%
Scope 1	1.2	1.3
Scope 2	1.4	1.5
Scope 3	90.5	97.2
Total	93.1	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.** HOME OFFICE

#### Notes:

• Due to the uncertainties surrounding Home Office emissions, and the fact that commuting emissions have not been calculated as part of your footprint, these figures are provided for information only in order to give an indication of the scale of the impact associated with home office energy consumption. They have not been included in your carbon footprint total.

Homeworking	tCO <sub>2</sub> e	%
Electricity	0.2	9.3
Natural Gas	2.4	90.7
Total	2.6	100.0

#### Homeworking emissions for year ending 2022, tCO<sub>2</sub>e

ElectricityNatural Gas



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



## **Carbon footprint.** BY LOCATION





## Looking ahead Targets for next year.







## **Target setting.**

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





# Step two. EMGAGE



## Workshops.

Our engagement experts will help unlock your employees' passion to innovate and take ownership of their environmental impacts.

Together, we celebrate every commitment and champion every success, providing positive reassurance to help you drive change from within.



Workshop	Description
Sustainability Energiser	A 1 hour session for everyone in the business. It raises awareness about sustainability, the business case for acting on climate change and the carbon footprint of the company. Includes brainstorm session inviting participants to come up with solutions.
Sustainability Plan Workshop	A 3 hour session which lifts the lid on operational carbon emissions, supporting a brainstorming sessions 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.
Business Sustainability Essentials Training	A 3 hour session covering the basics of business sustainability and the role your employees can adopt in driving change from within. Offered as both public and private event.
Stakeholder Engagement Workshop	A 30min-1 hour session, focussing on the member's sustainability journey to date, ambitions ahead with the view to encourage their suppliers/customers to join. Q&As, networking opportunity.



# The Eden Project PARMERSHIP

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.
- We have protected one acre of Peruvian rainforest in your company name.





# Step three. COMMMTATE



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## **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 18 SDG targets.

**Contributing towards** 

6 SDGs





## **SDG alignment.**

CUSSION CONT





## 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 here.

#### 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.





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			Current		
			01 October 2021 to 30 September 2022		
Source	Scope	Unit	Amount	tCO <sub>2</sub> e	% total carbon footprint
Buildings					
Electricity (location based)	2	kWh	7,108.2	1.4	1%
Electricity (market based)	2	kWh	7,108.2	3.0	-
Transmission and Distribution Losses	3	kWh	7,108.2	0.1	0.1%
Procurement					
Freight HGV	3	tonne.km	675,686.2	71.7	77%
Freight Ship	3	tonne.km	78,695.7	1.0	1%
Paper Primary Content	3	tonnes	0.2	0.2	0.2%
Travel					
Fleet Hybrid Car	1	km	10,193.6	1.2	1%
Air Travel	3	passenger.km	42,776.4	8.2	9%
Diesel Car	3	km	33,027.0	5.6	6%
Petrol Car	3	km	19,357.2	3.3	4%
Rail Travel	3	passenger.km	4,094.2	0.1	0.2%
Waste					
Landfill	3	tonnes	0.1	0.1	0.1%
		Location Based			
Total		tCO <sub>2</sub> e		93.1	
No. employees		Number		12.5	
Total per employee		tCO <sub>2</sub> e		7.4	
Turnover £m		£m		5.4	
Total per £m		tCO <sub>2</sub> e		17.1	
Total floor space		m²		120.8	
Building emissions per m <sup>2</sup>		tCO <sub>2</sub> e		0.01	
		MarketBased			
Total		tCO <sub>2</sub> e		94.8	
No. employees		Number		12.5	
Total per employee		tCO <sub>2</sub> e		7.6	
Turnover £m		£m		5.4	
Total per £m		tCO <sub>2</sub> e		17.4	
Total floor space		m²		120.8	
Building emissions per m <sup>2</sup>		tCO <sub>2</sub> e		0.03	

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

## **Ö** About this report – General.

CompanyName	Agua Fabrics
Sector	Other
Reporting Period	01 October 2021 to 30 September 2022
Year Of Certification	1st
<b>Reporting Boundary</b>	Hyde House, Head office and Regional Sales Agents
Emission sources included	Electricity, T&D Losses, Waste, Fleet, Business Travel, Paper, Homeworking (excluded from footprint), Freight
Total FTE Employees (annual averageno.)	12
Total Internal Floor space (m <sup>2</sup> )	120.8
Data Collection Lead	Leigh Renak, leigh@aguafabrics.com
Current Conversion Factor	BEIS 2022
Methodology	We follow the GHG Protocol for Corporate Emission Reporting and The National TOMs Framework for Social Value Reporting. Referto Planet Mark Code of Practice for detailed information on the methodology and standards used in the preparation of this report
Community Project	Contributions to the Eden Project and to Cool Earth's Asháninka community rainforest project have been made as part of PlanetMark Certification
<b>Prepared by</b>	Charlotte Bowles, Sustainability Consultant, Planet Mark
Checked by	Jamie Beevor, Head of Technical, Planet Mark Alex Smith, Technical Consultant, Planet Mark
Date	23 February 2023

## About this report – Caveats (i).

Operational Boundary	Scope	Unit	Data Source	Data Accuracy	Comments, omissions, estimates or extrapolations	Or ganisational Bou ndary
Electricity	2 and 3	kWh	Primary source - invoices	Actual meter reads	Your electricity consumption is show n in the carbon footprint as Purchased Electricity emissions (Scope 2 emissions) and Electricity Transmission and Distribution losses (Scope 3 emissions). Your scope 2 electricity emissions are reported in two ways; using the location-based method and the market-based method. Location-based electricity emissions have been calculated using carbon emission factors for average national or sub-national grid electricity and market-based electricity emissions factors for your specific electricity supply fuel mix; as this is unknow n a residual mix emissions factor has been used.	Head Office
Hom eworking Energy	3	kWh	Secondary source - Planet Mark homew orking energy calculation tool	Estimated	UK homew orking energy includes additional electricity and gas consumption as a result of each full-time equivalent employee w orking from home. We base our estimate of energy consumption due to homew orking on the new BEIS 2022 homew orking emission factors. The annualised BEIS emission factors have been converted into monthly estimates of energy consumption in order to better account for seasonal variations. Our estimates are based on a 40h w orking week and a 6-month heating season (October to March) and take into account annual leave. Where the business has a physical office, homew orking utility emissions are calculated but not included in the Total Carbon Footprint figure.	Head Office and Regional Agents

Note: unless otherw ise 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% renew able energy and w e will provide dual reporting to show both market based and location based electricity emissions.

## **About this report – Caveats (ii).**

Operational Boundary	Scope	Unit	Data Source	Data Accuracy	Comments, omissions, estimates or extrapolations	Organisational Boundary
FleetVehicles	1	km	Primary source - expense claims	Actual	None	Head Office and Regional Agents
Private Vehicles Used for Business	3	km	Primary source - expense claims	Actual	None	Head Office and Regional Agents
A ir Travel	3	pkm	Primary source - expense claims	Actual	None	Head Office and Regional Agents
Ra il Travel	3	pkm	Primary source - expense claims	Actual cost, estimated distance	Only cost per trip available. We assumed £0.55 per mile. Calculations based on 2021 analysis of Planet Mark members' rail journeys.	Head Office and Regional Agents
Waste Landfill	3	tonnes	Secondary source - data submission report	Unverified	We have updated our approach to calculating emissions from waste. This change in methodology has led to a reduction in our estimate of the weight of waste arisings based on the number of bin collections and this may result in an apparent reduction in the waste emissions estimate.	Head Office
Procurement - Paper	3	tonnes	Primary source - invoices	Actual	None	Head Office
Procurement - Courier/Freight	3	tkm	Primary source - freight reports	Actual	All modes of transport have been assumed. Average HGVs driving in Europe and any international freight w as assumed to be shipped.	Head Office

Note: unless otherw ise 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% renew able energy and w e 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
Hea dcount		no.	Secondary source - data submission form	Assumed Actual	We have used the annual average full-time equivalent employees. We assume headcount only includes active employees (i.e. excludes employees on furlough).	Head Office
Turnover		£m	Primary source - note from finance director	Assumed Actual	None	Head Office
Floor Area		m²	Secondary source - data submission form	Assumed Actual	None	Head Office

Note: unless otherw ise 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% renew able energy and w e 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 Code of Practice and provides an indication of data assurance when using information in this report in your business.

	01 October 2021 to 30 September 2022	Definition
Relevance of boundary	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	3	12 months of data provided for most sources.
Transparency	2	Partial disclosure of assumptions and/or little original evidence provided.
Data accuracy	2	Mainly use of secondary data sources and/or estimated data.
Total score	10 out of 16	

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

- To include electricity, gas and water used in the communal areas of the head office;
- To provide more accurate data and evidence for waste;
- To provide modes of transport for freight



# Recommendations.

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## Guidance for general best practice.

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#### 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

to energy from 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



## 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.



# A BRIGHTER Guture.

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