

The Planet Mark™ Certification Report

Petroc

1st April 2017 to 31st March 2018

Contents

3-6

7-9

10-11

12-13

14

15

16

About The Planet Mark™

The Planet Mark™ is a certification programme recognising commitment to continuous improvement in sustainability.

HOW IT WORKS

Our 3-step process is as simple as 1, 2, 3

1. MEASURE

We measure your carbon footprint and environmental performance

2. ENGAGE

We help you engage your employees and suppliers to drive improvements

3. COMMUNICATE

We provide marketing channels and materials to promote your achievements

The Planet Mark™ Certificate

The Planet Mark™ Certificate recognises your commitment to continuous improvement in sustainability and to measuring and reducing your carbon footprint on an annual basis. Display it publicly to promote your achievements.

Supporting the Eden Project and Cool Earth

A donation has been made on your behalf to the Eden Project and Cool Earth to support education on climate change and to protect an acre of endangered rainforest.

The Planet Mark™ Communications materials

Communication is key to getting the most from your sustainability programme.
the assets in your certification email to help promote your achievements.

Use

To discuss the creation of bespoke marketing materials in line with your brand guidelines, contact: George.Catchpole@PlanetFirst.co.uk

Executive summary

Petroc™ is Devon's leading college, providing a range of courses including apprenticeships, higher education, part time and adult evening classes. It has three campuses: Barnstaple, Tiverton, and Brannams.

This is Petroc's second year of business carbon footprint reporting. Petroc first calculated the carbon footprint of

This year's highlights

Petroc has achieved certification to The Planet Mark TM by showing good practice in sustainability including:

Investment to the Eden Project to support education on climate change

1,695 tCO₂e
measured carbon included electricity, natural gas, water, waste, travel and paper

14.4%
total carbon footprint reduction

260 tCO₂
stored in one acre of protected rainforest

Commitment to engage employees and suppliers to drive improvement

13.9%
reduction in energy emissions

Total carbon footprint overview

Position Total Carbon Footprint chart here
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Total carbon footprint by scope

tCO ₂ e	2017	2018	% change
Scope 1: natural gas, fleet	865.9	781.0	-9.8%
Scope 2: electricity	1,039.8	855.7	-17.7%
Scope 3: waste, water, paper use	73.1	57.9	-20.8%
Total	1,978.7	1,694.6	-14.4%

Highlights

- Total carbon emissions are 1,695 tCO₂e
- Scope 1 (direct emissions- natural gas, fleet) accounts for 46% of total emission, down 9.8% from 2017
- Scope 2 (imported emissions- electricity) accounts for 50% of total emissions, down 17.7% from 2017
- Scope 3 (indirect emissions- waste, water, paper use) accounts for 3% of total emissions, down 20.8% from 2017

Position Carbon Footprint by Reporting Scope chart here
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FIG 2- Total carbon footprint by scope for reporting year ending 2018

Total carbon footprint – year-on-year comparison

Position Carbon Footprint Year-on-year Comparison chart here
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Total carbon footprint – year-on-year comparison

Highlights

- Total carbon footprint decreased by 14.4%
- Total carbon footprint per staff and student decreased by 14.4%

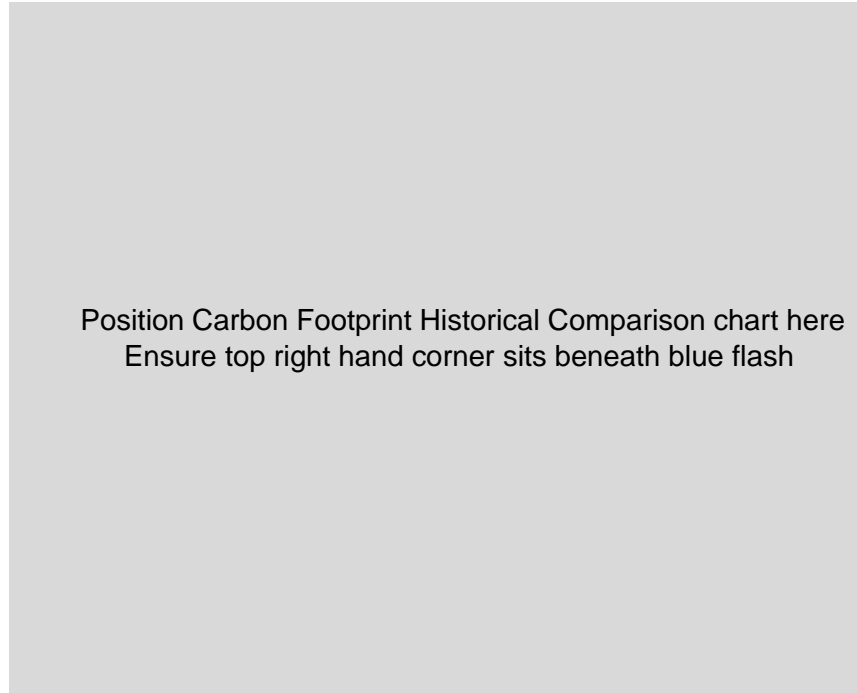


FIG 3- Total carbon footprint by emission category for the two reporting years, 2017, 2018

Breakdown – fleet

Fleet travel emissions

Highlights

- 1.2% of total emissions
- 20.8 tCO₂e
- 27.7% decrease from the previous year
- Petrol accounts for 63% of the fleet emissions
- YE2018 fleet comprises of the following vehicles:
 - 3 large vans (diesel)
 - 1 large car (diesel)
 - 2 medium cars (petrol)
 - 2 small cars (petrol)

Note: Fleet travel refers to company owned vehicles

ACTION! Refer to the travel toolkit for ways to manage fleet travel emissions.

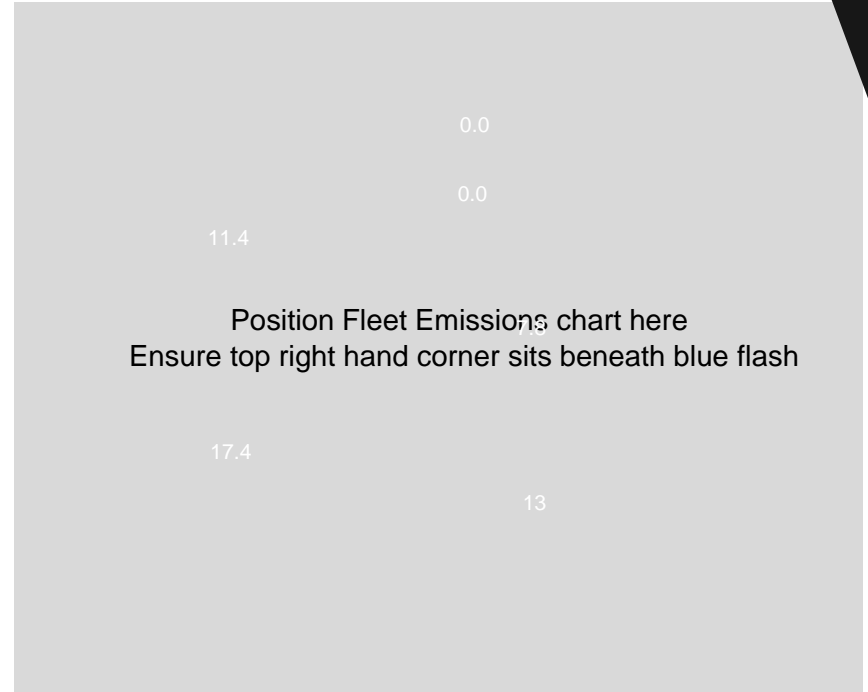


FIG 6- Breakdown of fleet emissions by fuel type for reporting years ending 2017 and 2018

Breakdown – paper procurement

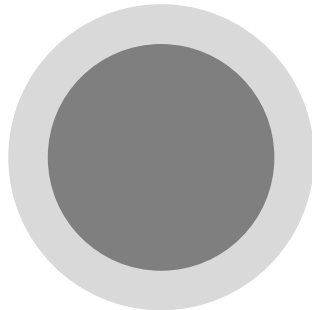
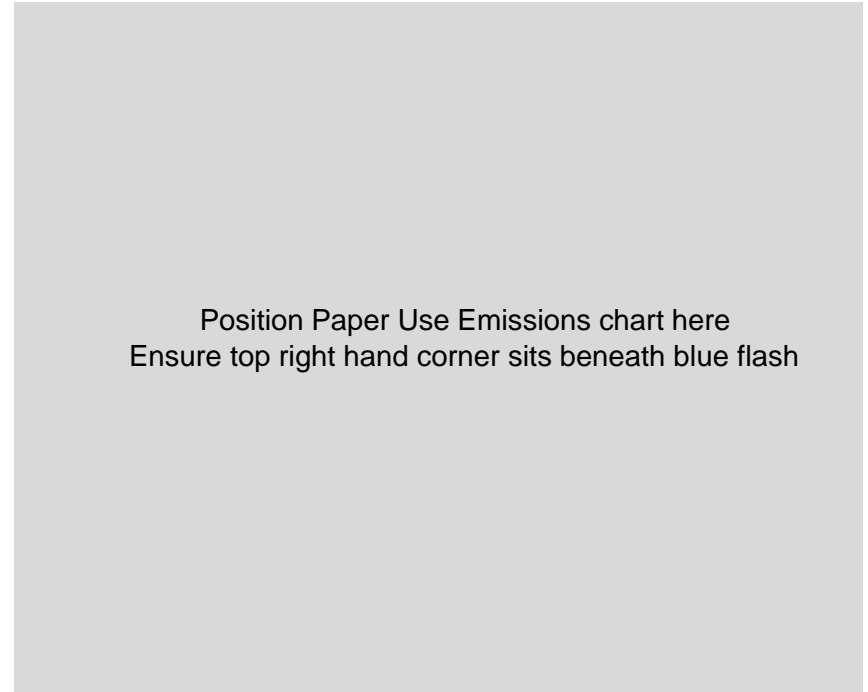
Paper use emissions

Highlights

- 0.7% of total emissions
- 11.2 tCO₂e
- 10% increase from the previous year
- All procured paper was from primary sources

ACTION! Paper use can be reduced by encouraging staff to work and meet in a paperless way. Opt for digital subscriptions to magazines and newsletters, encourage staff to read on screen rather than print documents and reuse printed material wherever possible. Increase paper recycling in the office by communicating what is recyclable and how waste should be correctly disposed.

Did you know? By using recycled content paper, carbon emissions from paper use are reduced by 30%



Breakdown – water

Water emissions

Highlights

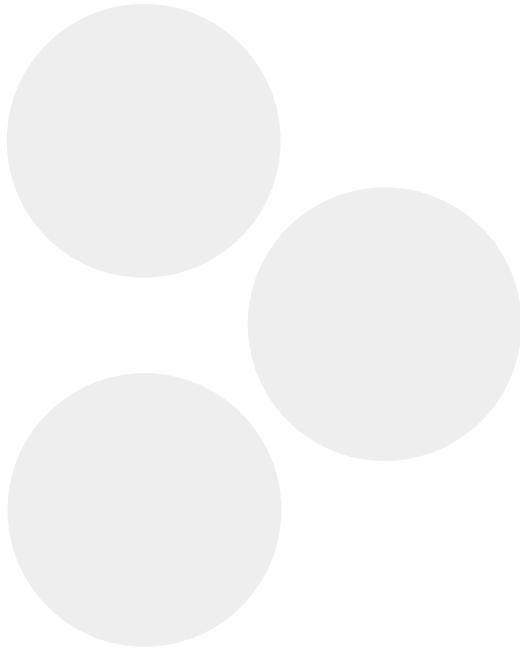
- 0.6% of total emissions
- 10.5 tCO₂e from water supply and treatment
- 19.7% decrease from the previous year
- 10,022 m³ of water was used
- Water supply emissions are 3.4 tCO₂e
- Water treatment emissions are 7.1 tCO₂e

ACTION!

Position Water Emissions chart here
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FIG 8- Breakdown of water emissions category by type for reporting years ending 2017 and 2018

Carbon reduction target



Topic	Toolkits
Sustainability Strategy	Sustainability policy template Carbon savings calculator Carbon reduction strategy template Carbon reduction plan template Data collection
Energy	Energy toolkit
Waste	Waste toolkit
Water	Water toolkit
Travel	Travel toolkit
Engagement	Setting up a sustainability champions programme Sustainability engagement toolkit The Planet Mark™ case study template
Communication	The Planet Mark™

About this report – data quality

chart here

Priorities

Implement data and evidence collection and storage internal system to ensure actual

About this report – caveats

Operational Boundary	Scope	Unit	Data Collection	Data Accuracy	Evidence Submitted	Omissions, estimates or extrapolations
Electricity	2	kWh	Primary source - invoices and meter readings	Actual and estimated	Sample invoice and meter reading	None
Natural Gas	1	kWh	Primary source - invoices and meter readings	Actual and estimated	Sample invoice and meter reading	Please refer to omissions and estimations slide for data interpolation and or extrapolation details
Landfill	3	tonnes	Primary source -			

About this report

The Sustainable Development Goals

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.

With 193 governments agreeing to deliver 17 goals tackling major world issues by 2030, change lies ahead for businesses, not only to ensure their strategies align with the Goals, but also to assess and evidence their impact.

To help businesses assess their impact, The Planet Mark™ has developed a diagnostic table to gauge contributions to the SDGs and to illustrate the international influence of your commitment to sustainability.

71%
of businesses say
they are already
planning how to
engage with the
SDGs

41%
of businesses say
they will embed
SDGs into their

90%
of citizens say it's
important for
business to sign up
to the SDGs

The Sustainable Development Goals

The Planet Mark™

in partnership with