

Tom Prichard Contracting Ltd Carbon Reduction Plan (2021-2022)

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Document Revision Log

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1.0	21/06/2022	Carbon Reduction Plan issued to Tom Prichard Contracting Ltd for the financial year 2021/22.

Contents

1.0.	Commitment to Achieving Net Zero	3
2.0.	Baseline Emissions Footprint	4
3.0.	Current Emissions Footprint	5
4.0.	Emissions Reduction Targets	5
5.0.	Carbon Reduction Projects	6
5.1.	Completed Carbon Reduction Initiatives	6
5.2.	Future Carbon Reduction Initiatives	7
6.0.	Declaration and Sign-off	8

About Tom Prichard Contracting Ltd

Tom Prichard Contracting Ltd (Prichard's), was established in 1995 and incorporated in 2005. We are a multidisciplinary organisation offering services within the transport, demolition, engineering, civil construction, plant hire, recycling, remediation and energy sectors.

We operate 3 recycling centres within the South Wales region, with a focus on the circular economy. We specialise in soils and stone recycling, providing a recycled aggregate range for reuse within the construction industry, as well as utilising large scale, open windrow composting to recycle household green waste into a PAS 100 certified compost.

We are advocates of the long-term partnership approach and benefit from a high level of repeat business in both the public and private sectors. Our participation in various framework agreements allows us to collaborate with clients from an early stage in the delivery of projects.

All projects completed by us are done so with environmental improvement as the primary focus. We have implemented environmental management systems, environmental protection procedures and policies and have applied these in a wide range of environmental designations including within Sites of Scientific Special Interest.

As a business we are continually investing and updating our plant fleet with the latest engines to help reduce our carbon footprint.

We employ approximately 200 people in a range of industries and pride ourselves on the skills and dedication demonstrated by our staff to deliver projects on time, safely and efficiently.

We are always aspiring to leave the environment around us better than we found it, to create a better world for both this generation and the next. It is this philosophy that forms the foundation of principals and services offered by Prichard's.

1.0. Commitment to Achieving Net Zero

Prichard's is committed to achieving Net Zero emissions by 2050. We are intending to undertake a feasibility review to move the net zero emissions target to 2045, five years ahead of the government deadline.

2.0. Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Emissions Report.	
Baseline Year:	1 st April 2021 – 31 st March 2022
Additional Details relating to the Baseline Emissions calculations.	
<p>We forecast that the requirement to report under the Streamlined Energy and Carbon Reporting (SECR) scheme within the companies (Directors Report) will apply to the company within the next 3-7 years. In response to this, Prichard's have compiled the necessary emissions information within its operational control, from the financial year 2021/22 and identified this as the baseline year. All future carbon reductions shall be calculated using this baseline year. This report is to be issued between the 1st April and 30th June following the respective reporting period. Scope 1-3 emissions have been determined for the baseline year using the greenhouse gas (GHG) protocol methodology. All greenhouse gases as named by the Kyoto protocol have been provided in tonnes of carbon dioxide equivalent (tCO₂e). A market-based methodology has been utilised for the determination of scope 2 emissions. For scope 3, we have utilised a range of actual and estimated data. Estimated data forms the upstream transportation and distribution calculation and downstream transportation and distribution calculations not previously accounted for within scope 1, i.e., third party data and for wastes generated in operations. Actual data forms the subsets for business travel and employee commuting. A breakdown of the scope 3 emissions has been provided. The baseline measurement presented in this carbon reduction plan is specific to Prichard's in order to measure compliance with the procurement policy note (PPN) 06/21. The data reported in this plan is in line with UK Government Environmental Reporting Guidelines (March 2019) and the Greenhouse Gas Protocol, <i>Technical Guidance for Reporting Scope 3 Emissions</i> (v.1.0).</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	8,210.47
Scope 2	120.26
Scope 3 (Included Sources)	Upstream Transport: 1621.26
	Waste: 930.38
	Business Travel: 1124.50
	Employee Commuting: 1226.34
	Downstream Transport: 867.86
	Total Scope 3 Emissions: 5140.34
Total Emissions	13,471.07

3.0. Current Emissions Footprint

Current Emissions Report.	
Reporting Year:	1 st April 2021 – 31 st March 2022
EMISSIONS	TOTAL (tCO₂e)
Scope 1	8,210.47
Scope 2	120.26
Scope 3 (Included Sources)	Upstream Transport: 1621.26
	Waste: 930.38
	Business Travel: 1124.50
	Employee Commuting: 1226.34
	Downstream Transport: 867.86
	Total Scope 3 Emissions: 5140.34
Total Emissions	13,471.07

4.0. Emissions Reduction Targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next five years to 11,450.00 tCO₂e by 2027. This is a reduction of 15%.

We are investigating the option to determining interim targets to ensure that our ongoing progress towards net zero carbon emissions are monitored closely and consistently and to identify room for improvement if needed.

5.0. Carbon Reduction Projects

5.1. Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented during/since the 2021/22 baseline. The carbon emission reduction projected to be achieved by these schemes within the 2022/23 reporting period equate to 710.91 tCO₂e, a 5.28% reduction against the 2021/22 baseline and the measures will be in effect when performing the contract.

Completed Carbon Reduction Schemes			
ID	Reduction Initiative	Actions Implemented	Year of implementation
1.0	Hybrid Technology	The company has invested in hybrid technology within its plant and heavy machinery range. Prichard's were the first operator within Wales to diversify its plant range fleet with the Komatsu Hybrid Excavator.	2015
2.0	Environmental Management System	The company utilises an environmental management system that was recertified as part of the ongoing ISO14001:2015 accreditation.	2019
3.0	Transport sharing	We endorsed the use of car sharing by our employees as an emission reduction method. Transportation via minibus is provided to our materials recycling operatives at our Project Red Recycling yard.	2021
4.0	Anti-Idling Policy	The company have implemented and enforce an anti-idling policy which aims to reduce fuel usage and emissions.	2022
5.0	LED Lighting Installations	The company has installed energy efficiently LED lights throughout all offices. We have also installed occupancy sensing lights to reduce the emissions output from lights left on.	2022
6.0	Environmental Policy	Reviewed our environmental policy to reflect current organisational requirements. The policy states our commitments to mitigate negative impact of our activities.	2022

5.2. Future Carbon Reduction Initiatives

We intend to implement further reduction measures in the future, such as:

Proposed Carbon Reduction Schemes			
ID	Reduction Opportunity	Actions Implemented	Target Date
1.0	Environmental Management System	Undertake recertification of the environmental management system as part of the ISO14001:2015 certification.	2022
2.0	Anti-Idling Policy	The company will continue to review and improve the anti-idling policy.	2023
3.0	Supply Chain Improvements	Work with vetted supply chain partners with the intention of reducing integrated carbon in materials.	2023
4.0	Set Science Based Targets	We will set approved carbon reduction targets, with approval granted by the Science Based Targets Initiative.	2024
5.0	Shared Transport	Extension of shared transport to all recycling sites, as of time of writing, this will reduce approximately 40 individual vehicles to three minibuses.	2025
6.0	Eco stop-start technology	The company will seek to replace end of life light vans and cars with those equipped with stop-start technology to reduce emissions.	2027
7.0	Hybrid Technology	Replacement of all 100% fossil fuel heavy plant and machinery with hybrid technology.	2030

6.0. Declaration and Sign-off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:

Date: 21st June 2022



Tom Prichard
Managing Director

¹ <https://ghgprotocol.org/corporate-standard>

² Government conversion factors for company reporting of greenhouse gas emissions - GOV.UK (www.gov.uk)

³ Corporate Value Chain (Scope 3) Standard | Greenhouse Gas Protocol (ghgprotocol.org)