

# Carbon Reduction Plan Tetra Tech 2020-2021

Supplier name: Tetra Tech

Publication date: 17/08/2022

## Commitment to achieving Net Zero

Tetra Tech is committed to achieving Net Zero emissions by 2030.

## 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.

<b>Baseline Year: 2018-2019</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
<p>We have selected our financial year 2018-2019 as the baseline period against which to evaluate our carbon emissions. This period was selected as it occurred prior to the COVID 19 Pandemic and would therefore give a more realistic figure.</p> <p>Parts of the Scope 3 data have been modelled using benchmarks calculated through government documents and assessments carried out in other areas of the business. This has been included to give us a better understanding of the emissions within the baseline year and to allow for a more accurate comparison across the periods of assessment. We are in the process of expanding our area of investigation within Scope 3 to include a wider range of emissions sources. These will be included in the reports for future years and will be under continuous review.</p>	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>Company Vehicles = 202.9 tCO<sub>2</sub>e</b> <b>Gas in Properties = 162.2 tCO<sub>2</sub>e</b> <b>Total Scope 1 Emissions = 365.1 tCO<sub>2</sub>e</b>
<b>Scope 2</b>	<b>Electricity in Properties = 486.3 tCO<sub>2</sub>e</b> <b>Total Scope 2 Emissions = 486.3 tCO<sub>2</sub>e</b>
<b>Scope 3</b> (Included Sources)	<b>Water in Properties = 12.5 tCO<sub>2</sub>e</b> <b>Grey Fleet = 986.2 tCO<sub>2</sub>e</b> <b>Rail Travel = 35.0 tCO<sub>2</sub>e</b> <b>Plane Travel = 886.6 tCO<sub>2</sub>e</b> <b>Commuting = 791.6 tCO<sub>2</sub>e</b> <b>IT Equipment = 477.9 tCO<sub>2</sub>e</b> <b>Waste Disposal and Treatment = 8.96 tCO<sub>2</sub>e</b>

	<b>Office Supplies = 206.0 tCO<sub>2</sub>e</b> <b>Telecommunications = 135.5 tCO<sub>2</sub>e</b> <b>Total Scope 3 Emissions = 3,540.3 tCO<sub>2</sub>e</b>
<b>Total Emissions</b>	<b>Total Emissions across all Scopes = 4,391.7 tCO<sub>2</sub>e</b>

## Previous Emissions Reporting

Reporting Year 1: 2019-2020	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	Company Vehicles = 113.4 tCO <sub>2</sub> e Gas in Properties = 182.5 tCO <sub>2</sub> e Total Scope 1 Emissions = 295.9 tCO <sub>2</sub> e
Scope 2	Electricity in Properties = 490.1 tCO <sub>2</sub> e Total Scope 2 Emissions = 490.1 tCO <sub>2</sub> e
Scope 3 (Included Sources)	Water in Properties = 12.13 tCO <sub>2</sub> e Grey Fleet = 548.6 tCO <sub>2</sub> e Rail Travel = 11.52 tCO <sub>2</sub> e Plane Travel = 798.0 tCO <sub>2</sub> e Commuting = 769.3 tCO <sub>2</sub> e IT Equipment = 178.2 tCO <sub>2</sub> e Waste Disposal and Treatment = 8.96 tCO <sub>2</sub> e Office Supplies = 210.2 tCO <sub>2</sub> e Telecommunications = 134.0 tCO <sub>2</sub> e Total Scope 3 Emissions = 2,670.9 tCO <sub>2</sub> e
Total Emissions	Total Emissions across all Scopes = 3,456.8 tCO <sub>2</sub> e

## Current Emissions Reporting

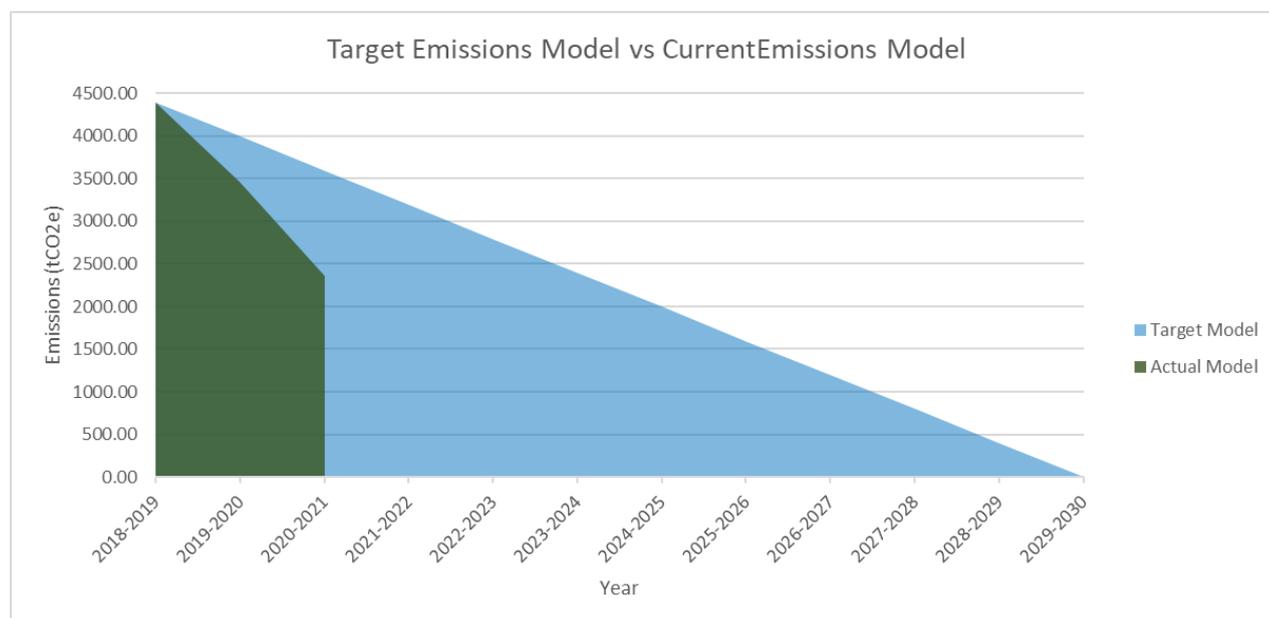
Reporting Year 2: 2020-2021	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	Company Vehicles = 266.4 tCO <sub>2</sub> e Gas in Properties = 163.5 tCO <sub>2</sub> e Total Scope 1 Emissions = 429.9 tCO <sub>2</sub> e
Scope 2	Electricity in Properties = 259.7 tCO <sub>2</sub> e Total Scope 2 Emissions = 259.7 tCO <sub>2</sub> e
Scope 3 (Included Sources)	Water in Properties = 4.18 tCO <sub>2</sub> e Grey Fleet = 247.3 tCO <sub>2</sub> e Rail Travel = 8.68 tCO <sub>2</sub> e Plane Travel = 325.1 tCO <sub>2</sub> e Commuting = 736.0 tCO <sub>2</sub> e IT Equipment = 109.8 tCO <sub>2</sub> e Waste Disposal and Treatment = 6.06 tCO <sub>2</sub> e Office Supplies = 188.8 tCO <sub>2</sub> e Telecommunications = 43.0 tCO <sub>2</sub> e Total Scope 3 Emissions = 1,668.9 tCO <sub>2</sub> e
Total Emissions	Total Emissions across all Scopes = 2,358.4 tCO <sub>2</sub> e

### 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 eight years to 0tCO<sub>2</sub>e by 2030. This is a reduction of 100%

Progress against these targets can be seen in the graph below:



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2018/19 baseline.

- Calculation and external verification of our carbon emissions baseline
- Working from home initiative in response to the COVID 19 Pandemic
- Integration of some Electric Vehicles into the company owned vehicle fleet

The carbon emission reduction achieved by these schemes equate to 2,033 tCO<sub>2</sub>e, a 46.3% reduction against the 2018/19 baseline and the measures will be in effect when performing the contract.

In the future we hope to implement further measures such as:

#### Short Term

- Offset our emissions baseline through environmental projects registered with certified schemes such as the Gold Standard
- Decarbonise our electricity supply by switching to a renewable electricity supply contract which is properly underpinned with full REGO Certification
- Increase electrification of our company owned vehicle fleet through integration of additional Electric Vehicles (EVs)
- Implement business travel policies to reflect our programme objectives whilst supporting initiatives such as virtual meetings

#### Medium/Long Term

- Develop and implement minimum energy efficiency standards for the commercial buildings we lease for company operations

- Sign up to the most appropriate evidence-based emissions reduction targets
- Convert transportation fleet to 100% electric vehicles in line with the UK's national commitment to outlaw sales of new fossil fuel vehicles by 2030
- Establish a procurement policy requiring our supply chain to be Net Zero companies

## 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 standard<sup>13</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>14</sup>.

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) Standard<sup>15</sup>.

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:



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Craig Hatch

Date: 18/08/2022

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<sup>13</sup> <https://ghgprotocol.org/corporate-standard>

<sup>14</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>15</sup> <https://ghgprotocol.org/standards/scope-3-standard>