

Carbon Reduction Plan
Tetra Tech
October 2021 – September 2022

Supplier name: Tetra Tech

Publication date: 07/07/2023

Commitment to achieving Net Zero

Tetra Tech is committed to achieving Net Zero emissions by 2050.

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.

We have selected the financial period October 2021 – September 2022 as our baseline year against which to measure our progress in reducing our emissions. October 2021 – September 2022 is also our current reporting year.

Baseline Year/Current Reporting Year: October 2021- September 2022	
Additional Details relating to the Baseline Emissions calculations.	
<p>We have selected our financial year 2021-2022 as the baseline period against which to evaluate our carbon emissions. This is also the current reporting period and was selected as the baseline as it occurred after the COVID 19 Pandemic and reflects a more realistic environment in terms of our core business operations.</p> <p>Parts of our 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 for the next 3 years. This baseline year/current reporting year is the first year that we have reported on those Scope 3 emissions sources tagged as “new” in the below table.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	Company Vehicles = 98.8 tCO₂e Gas in Properties = 109.3 tCO₂e Total Scope 1 Emissions = 208.2 tCO₂e
Scope 2	Electricity in Properties = 225.1 tCO₂e Total Scope 2 Emissions = 225.1 tCO₂e

<p>Scope 3 (Included Sources)</p>	<p>Break down by GHG Protocol Scope 3 Category:</p> <p>1. Purchased goods and services (Optional) Telecommunications = 40.5 tCO₂e Security = 5.5 tCO₂e (new) Cleaning services = 273.5 tCO₂e (new) Maintenance = 69.1 tCO₂e (new)</p> <p>3. Fuel and Energy Related Activities not included in Scope 1 or Scope 2 (Optional) Electricity Transmission and Distribution = 15.3 tCO₂e (new)</p> <p>4. Upstream Transportation and Distribution Office Supplies = 199.3 tCO₂e IT Equipment = 638.6 tCO₂e</p> <p>5. Waste Generated in Operations Waste Disposal and Treatment = 8.4 tCO₂e Water in Properties = 0.75 tCO₂e (Supply and Disposal)</p> <p>6. Business Travel Rail Travel = 28.4 tCO₂e Plane Travel = 538.0 tCO₂e Grey Fleet = 371.3 tCO₂e Hotels = 69.4 tCO₂e (new)</p> <p>7. Employee Commuting Commuting = 463.2 tCO₂e</p> <p>9. Downstream Transportation and Distribution We do not make or distribute any products</p> <p>Total Scope 3 Emissions = 2,721.3 tCO₂e</p>
<p>Total Emissions</p>	<p>Total Emissions across all Scopes = 3,154.5 tCO₂e</p>

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following CO₂ equivalent reduction targets based on our Tetra Tech Group Sustainability Strategy and the UK Government's commitment to achieving net zero emissions by 2050.

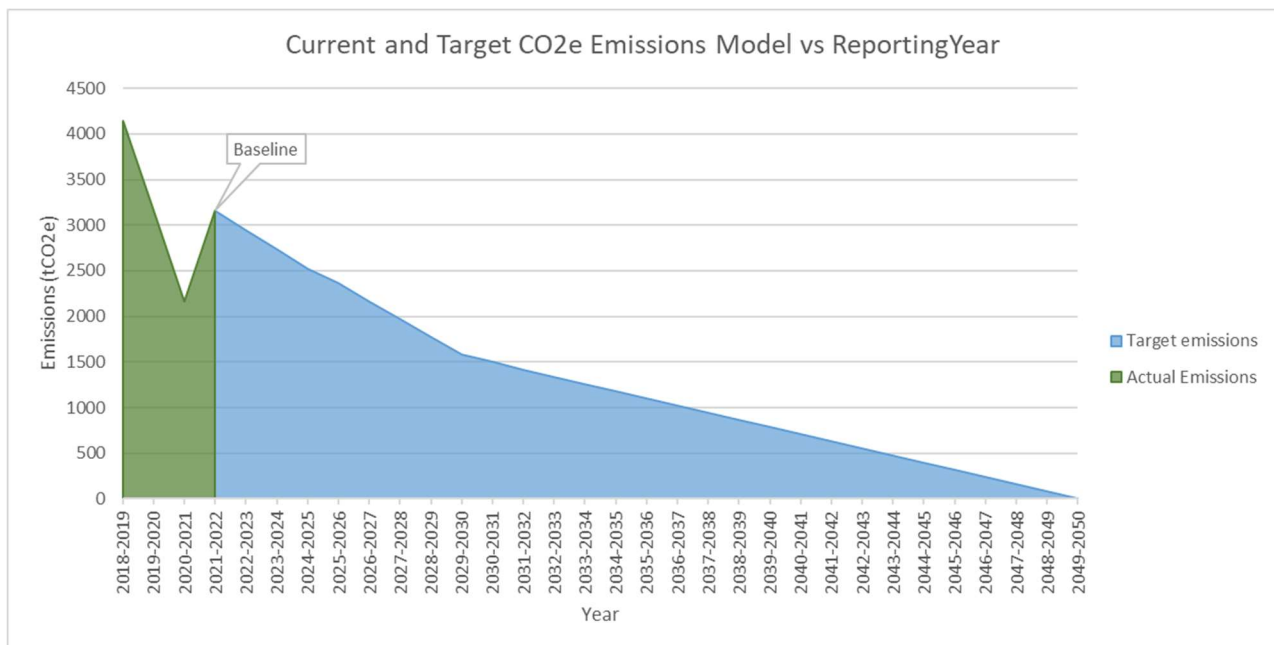
- 50% reduction in baseline emissions by 2030 (financial year 2029-2030)
- Net zero emissions by 2050 (financial year 2049-2050)

We project that carbon emissions will decrease over the next 3 years to 2,523.6 tCO₂e by 2025, equivalent to a reduction of 20%.

We project that carbon emissions will decrease over the next 8 years to 1,577.3 tCO₂e by 2030, equivalent to a reduction of 50%.

We project that carbon emissions will decrease over the next 28 years to 0 tCO₂e by 2050, equivalent to a reduction of 100%.

These three carbon emissions reduction targets have been plotted in the graph below as well as the baseline year and the two preceding years. We will track our future progress in carbon emissions reduction against these targets.



Carbon Reduction Projects

Despite the baseline being set to October 2021 – September 2022, previous years carbon emissions have been calculated and tracked since financial year 2018 - 2019. This is to provide an overview of how the emissions have changed over time and allows for a comparison of pre-covid and post-covid emissions.

It should also be noted that some adjustments were made to the previous year's data due to more accurate data now being available. In the previous year, a transfer between reporting systems was being undertaken. This caused issues with retrieving the appropriate data required for the carbon calculations. Now that the transfer is complete, the calculations have been repeated with the new data set. For completeness, the new data for the previous years has been included in Appendix 1.

We have recently established a Sustainability Council to develop an implementation plan to reducing our emissions to Net Zero. In the future we hope to implement further measures such as:

Short Term

- 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
- Offset any shortfall between actual emissions and annual emissions targets using environmental projects registered with certified schemes such as the Gold Standard

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 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:



Craig Hatch – President, Tetra Tech UK

Date: 07/07/2023

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

² <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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

Appendix A – Previous Emissions Data

Year 1: October 2018 - September 2019	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	Total Scope 1 Emissions = 365.1 tCO₂e
Scope 2	Total Scope 2 Emissions = 486.3 tCO₂e
Scope 3 (Included Sources)	Total Scope 3 Emissions = 3,289.3tCO₂e
Total Emissions	Total Emissions across all Scopes = 4,140.7 tCO₂e

Year 2: October 2019 – September 2020	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	Total Scope 1 Emissions = 295.9 tCO₂e
Scope 2	Total Scope 2 Emissions = 490.1 tCO₂e
Scope 3 (Included Sources)	Total Scope 3 Emissions = 2,431.5 tCO₂e
Total Emissions	Total Emissions across all Scopes = 3,217.4 tCO₂e

Year 3: October 2020 – September 2021	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	Total Scope 1 Emissions = 248.4 tCO₂e
Scope 2	Total Scope 2 Emissions = 259.0 tCO₂e
Scope 3 (Included Sources)	Total Scope 3 Emissions = 1,651.5 tCO₂e
Total Emissions	Total Emissions across all Scopes = 2,158.8 tCO₂e