

# Carbon Management & Reduction Plan

**Publication Date: 14<sup>th</sup> September 2021**

## Introduction

This Carbon Management & Reduction Plan (CMRP) demonstrates our commitment to net zero for EMCOR UK operations.

## A better world at work

Through our vision ‘a better world at work’ our aim is to set the standard, bringing our best together. Better from a workplace perspective, adopting a human centric approach, and better from a planetary perspective where we seek to consume responsibly, innovate to adapt our services and treat all colleagues inclusively and with respect.

Adopting the UN Sustainable Development Goals and in particular Global Goal 12 ‘Responsible Consumption’ drives our Net Zero strategy, which has evolved from our original certification of ISO 50001 back in 2012 to our proposed adoption of science based targets (to 1.5°C) in 2022 through the science based target initiative (SBTi).

It is supported by existing business processes which include:

- ISO 50001 Energy Management System
- ISO 14001 Environmental Management System
- ISO 27400 Sustainable Procurement Framework
- Fleet management strategy
- Working from home policy
- Business travel policy
- Implementation of the sustainability dashboard across our supply chain.

## Our commitment

To achieve net zero by 2030. By reducing our operational emissions through continual improvement, increased efficiencies, new technologies and new ways of working. We will do this through Science Based Targets when we have baselined our supply chain scope 3 emissions in 2022. In the interim we will offset our annual residual emissions to minimise our climate impact.

## 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: 2019</b>	
<b>Additional Details relating to the Baseline Emissions calculations</b>	
These emissions are produced through the operation of our buildings (scope 1 and 2) and the use of our fleet vehicles (scope 1) and include rail, air and grey fleet business travel (scope 3).	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	3698

# Carbon Management & Reduction Plan

<b>Scope 2</b>	134
<b>Scope 3</b> (Included Sources)	398 Personal vehicles used on Company business and business travel via 3rd party e.g. rail and air
<b>Total Emissions</b>	4229

## Current Emissions Reporting

<b>Reporting Year: 2020</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO2e)</b>
<b>Scope 1</b>	3105.34
<b>Scope 2</b>	108.32
<b>Scope 3</b> (Included Sources)	290.55 Personal vehicles used on Company business and business travel via 3rd party e.g. rail and air
<b>Total Emissions</b>	3504.1

## Offset Strategy

Whilst EMCOR UK transition to Science Based Targets in 2022 our strategy will be to offset those annual emissions which cannot be avoided or reduced. Our chosen partner for offset projects is Climate Seed, all project carriers are either VCS or Gold standard certified in the voluntary carbon market. Projects which support the EMCOR UK Global Goals will be chosen to participate in an employee vote to receive the final contribution to their project which avoids or captures the equivalent of the annual tonnes of CO2 emissions.

In accordance with PAS2060:2014 we have calculated our carbon footprint and purchased carbon allowances to offset this footprint for the period of 1 Jan 2020 – 31 December 2020.

## Carbon Offsets

In June 2021 EMCOR UK purchased carbon allowances which were retired against the following project:

Project Name: Improved Cookstoves for Social Impact in Ugandan Communities

Project ID: GS447

Country: Uganda

Category: Household Devices

Certifications: Gold Standard

Carbon Standard: Gold Standard

Vintage: 2019

# Carbon Management & Reduction Plan

Serial Number(s): GS1-1-UG-GS447-16-2019-20247-331131-335130

Quantity: 3,504 tCO<sub>2</sub>e

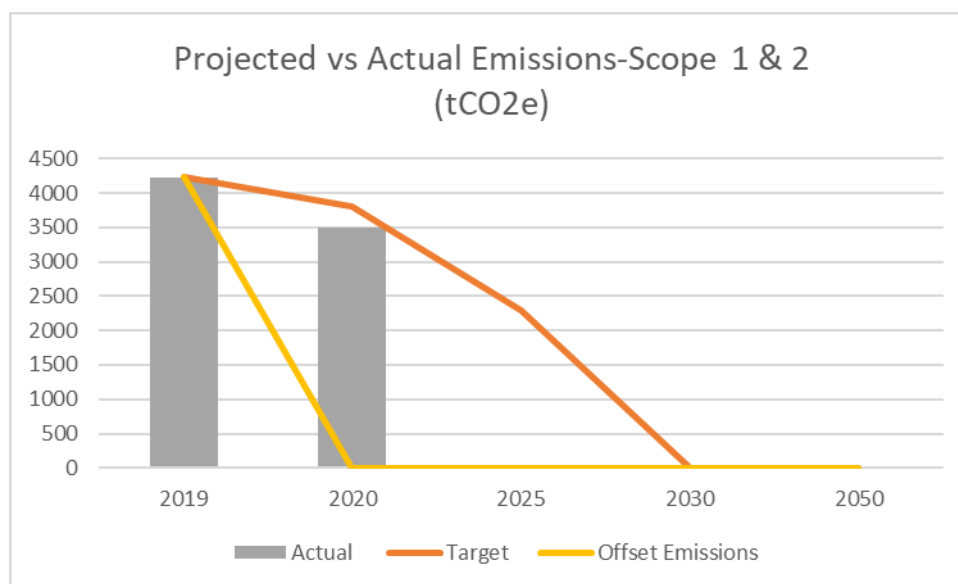
Further details of this project can be found at [www.climateseed.com](http://www.climateseed.com)

## Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets. We intend to commit to science-based targets in 2022.

	Target date	Reduction %	Target tCO <sub>2</sub> e
Current Sustainability Target	2025	20	3384
Proposed Science Based Target	2025	46	2283

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



## Carbon Reduction Projects

The emissions reduction action plan details the management measures and projects which have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes equate to 725 tCO<sub>2</sub>e, a 17% reduction against the 2019 baseline and the measures will be in effect when performing the contract

## Emission Reduction Action Plan

Emission Scope	Emission Source	Reduction Activity
Scope 2	Office Electricity Use	Transfer to REGO backed renewable supplies
Scope 2	Office Electricity Use	Behavioural Change Programmes
Scope 2	Office Electricity Use	Improved HVAC /Lighting control

# Carbon Management & Reduction Plan

Scope 1	Office Gas Use	Behavioural Change Programmes
Scope 1	Petrol & Diesel Vehicles	Electric Vehicle Replacement at end of life/lease
Scope 1	Petrol & Diesel Vehicles	Driver Behavioural Training to improve driving efficiency
Scope 1	Petrol & Diesel Vehicles	Route optimisation to reduce mileage
Scope 1	Petrol & Diesel Vehicles	Work from Home policy to reduce travel
Scope 3	Business Travel	Work from Home policy to reduce 3 <sup>rd</sup> party travel
Scope 3	Supply chain products/services	Scope 3 data collection via sustainability dashboard to determine 40% threshold for science-based targets
All	All	Commitment to Science Based Targets (1.5°C trajectory)

## Review Frequency

To ensure continued adequacy, suitability and improvement the CMRP will be reviewed annually as part of the EMCOR UK IMS management review process

## 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>7</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>8</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>9</sup>

This Carbon Reduction Plan has been reviewed and signed off by Keith Chanter CEO of EMCOR UK

Signed on behalf of the EMCOR UK:



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<sup>7</sup> <https://ghgprotocol.org/corporate-standard>

<sup>8</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>9</sup> <https://ghgprotocol.org/standards/scope-3-standard>