

# Carbon Reduction Plan

**Publication Date: 26<sup>th</sup> September 2022**

## **Introduction**

In global environmental terms, we face a collective and urgent imperative to drastically reduce greenhouse gas emissions generated by human activities to create a sustainable world for all life; and move towards a carbon neutral future.

EMCOR UK's Carbon Reduction Plan (CRP) demonstrates our commitment to net zero for our operations and supply chain. The plan is underpinned by our commitment to, and adoption of, the UN Sustainable Development Goals. In particular goals 12 and 13 'Responsible Consumption' and 'Climate Action'.

## **A Better World at Work**

Our purpose at EMCOR UK is to create a better world at work and we aim to do this by bringing the best possible resources and people together.

A Better World at Work has two meanings for us; firstly, to promote a better place for all colleagues across our business, as well as those of our partners and our customers; and, secondly, that we seek to make significant impact on driving forward the social and environmental agendas to preserve the planet and promote a fair, inclusive and respectful society.

This plan is the natural evolution from our original ISO 50001 certification in 2012 and forms part of our journey to Net Zero.

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. 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.

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<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>	3,698
<b>Scope 2</b>	134
<b>Scope 3 (Total)</b>	2,334
3.4 Upstream T & D	Nil <sup>2</sup>
3.5 Waste Gen in Ops	1.11
3.6 Business Travel	398
3.7 Employee Commuting	1,935
3.9 Downstream T & D	Nil <sup>2</sup>
<b>Total Emissions</b>	<b>6,166</b>

<b>Reporting Year: 2021</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	3,373
<b>Scope 2</b>	Nil <sup>1</sup>
<b>Scope 3 (Total)</b>	2,622
3.4 Upstream T & D	Nil <sup>2</sup>
3.5 Waste Gen in Ops	1.031
3.6 Business Travel	545
3.7 Employee Commuting	2,076
3.9 Downstream T & D	Nil <sup>2</sup>
<b>Total Emissions</b>	<b>5,995</b>

<sup>1</sup> Emissions from electrical consumption sourced from REGO backed generation.

<sup>2</sup> We are a services company that has no product based T&D emissions

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## Offset Strategy

As part of our Net Zero journey EMCOR UK has adopted an interim strategy to offset those annual emissions which cannot be avoided or reduced. Our chosen partner for offset projects in 2021 was Climate Seed. All their project carriers are either VCS or Gold standard certified in the voluntary carbon market. Project selection was based on support for those UN Sustainable Development Goals which have been adopted by EMCOR UK and will avoid or capture the equivalent of the annual tonnes of CO<sub>2</sub> 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 2021 – 31 December 2021.

## Carbon Offsets

In November 2021 EMCOR UK purchased carbon allowances which will be retired against the following project:

Project Name: Jari/Amapa REDD+ Project

Project ID: 1115

Country: Brazil

Category: Forestry & Land Use

Certifications: VCS, CCB

Carbon Standard : VCS

Quantity : 4,068 tCO<sub>2</sub>e

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

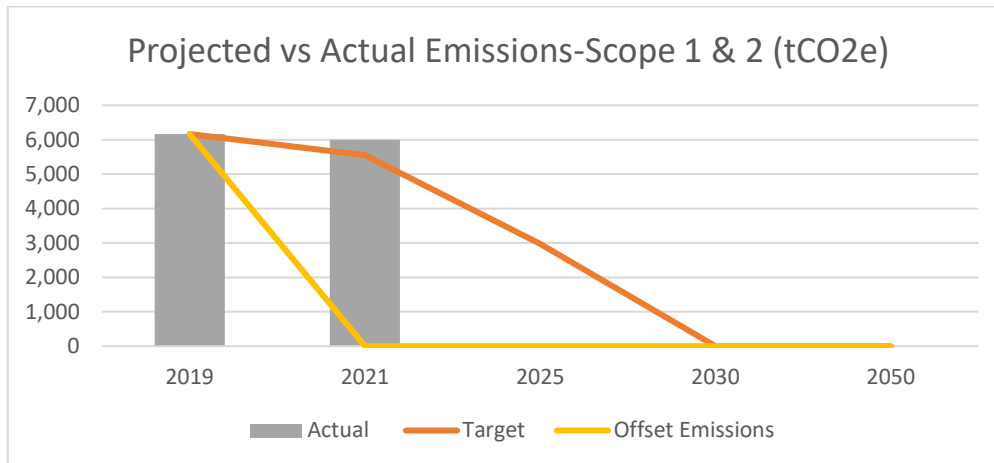
## Emissions reduction targets

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

	Target date	Reduction %	Target tCO <sub>2</sub> e
Current Sustainability Target	2025	20	3329

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

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## Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline Behavioural Change programmes (inc. Office gas & electricity and drivers) and transfer to REGO backed electricity supplies.

The emissions reduction action plan details the management measures and projects which have been completed or implemented since the 2019 baseline. The carbon emissions reduction achieved by these schemes equates to 102 tCO<sub>2</sub>e, a 2.4% 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	Completion Date	TnCO <sub>2</sub>
Scope 1	Office Gas Use	Behavioural Change Programmes	<b>Dec-21</b>	<b>0.39</b>
Scope 1	Petrol & Diesel Vehicles	Electric Vehicle Replacement at end of life/lease	In Progress	
Scope 1	Petrol & Diesel Vehicles	Driver Behavioural Training (improve driving efficiency)	<b>Jul-22</b>	<b>0.02</b>
Scope 1	Petrol & Diesel Vehicles	Route optimisation to reduce mileage	In Progress	
Scope 1	Petrol & Diesel Vehicles	Work from Home policy to reduce travel	In Progress	
Scope 2	Office Electricity Use	Transfer to REGO backed renewable supplies	<b>Oct-20</b>	<b>97.03</b>
Scope 2	Office Electricity Use	Behavioural Change Programmes	<b>Dec-21</b>	<b>4.85</b>
Scope 2	Office Electricity Use	Improved HVAC /Lighting control	In Progress	
Scope 3	Business Travel	Work from Home policy to reduce 3rd party travel	In Progress	
Scope 3	Supply chain products/services	Scope 3 data collection via sustainability dashboard to determine 40% threshold for science-based targets	In Progress	
All	All	Commitment to Science Based Targets (1.5°C trajectory)	In Progress	

Further measures such as electric vehicle replacement and HVAC controls are currently in progress and will be reported on in future submissions.

# Carbon Reduction Plan

## Review Frequency

To ensure continued adequacy, suitability and improvement the CRP 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<sup>i</sup> corporate standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>ii</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>iii</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:



Date: 26 September 2022

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

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

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