

Carbon Reduction Plan



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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 achieve Net Zero greenhouse gas emissions across 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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Baseline Year: 2019	
Additional Details relating to the Baseline Emissions calculations	
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).	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	3,698
Scope 2	134
Scope 3 (Total)	2,334
3.4 Upstream T & D	Nil ¹
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 ¹
Total Emissions	6,166

Reference Year: 2022	
Additional Details relating to the Baseline Emissions calculations	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	3,140
Scope 2	37 – Market based electricity emissions
Scope 3 (Total)	2,179
3.4 Upstream T & D	Nil ¹
3.5 Waste Gen in Ops	1
3.6 Business Travel	87
3.7 Employee Commuting / hybrid working	2,091
3.9 Downstream T & D	Nil ¹
Total Emissions	5,356

¹ We are a services company that has no product based T&D emissions

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 2022 was Carbon Fund (Carbonfund.org). This was a global partner for all the EMCOR Inc group of businesses in 2022 helping support the highest quality, third party validated carbon reduction and offset projects.

In accordance with PAS2060:2014 we have calculated our carbon footprint and purchased carbon allowances to offset this for the period of 1 January 2022 – 31 December 2022.

Carbon Offsets

Through the above partnership EMCOR UK purchased 6,000 tCO₂e carbon allowances in October 2022.

Further details of the projects can be found at www.carbonfund.org

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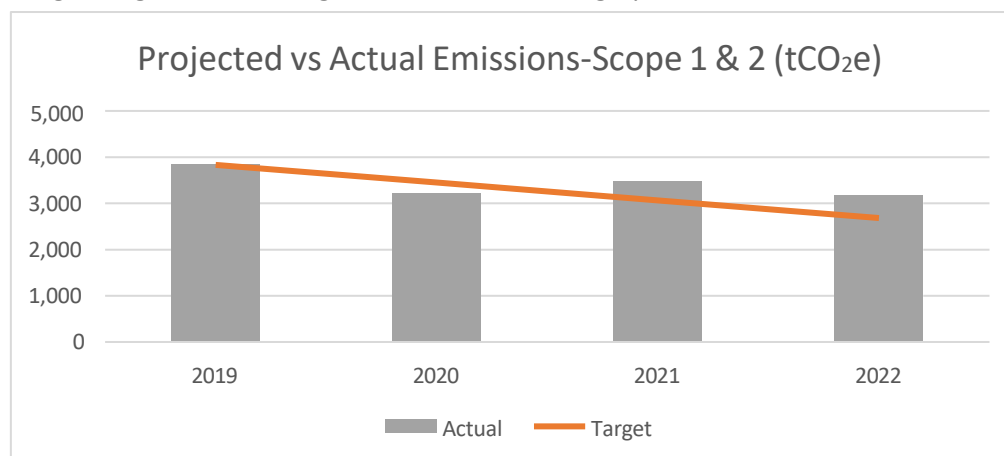


Emissions reduction targets

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

	Target date	Reduction %	Target tCO ₂ e
Current Sustainability Target	2025	60	2,466

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



Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented throughout 2022; baseline behavioural change programmes (focussed on reducing office gas & electricity consumption, and driver training courses) and transfer to REGO backed electricity supplies.

The Emission Reduction Action Plan details the management measures and projects which have been completed or implemented in 2022. The carbon emissions reduction achieved by these schemes equates to 58.89 tCO₂e, a 2% reduction against Scope 1 & 2 emissions for 2022.

Emission Reduction Action Plan

Emission Scope	Emission Source	Reduction Activity	Completion Date	tCO ₂ e
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)	Dec-22	4.52
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	Dec-22	53.52
Scope 2	Office Electricity Use	Behavioural Change Programmes	Dec-22	0.85
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	Commit to Science Based Targets (1.5°C trajectory)	In Progress	

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

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 corporate standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting .

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 .

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

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

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

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