



A COHORT PLC COMPANY

## CARBON REDUCTION PLAN

Chess is committed to achieving Net Zero emissions by 2050

### Chess Dynamics Ltd

Quadrant House, North Heath Lane Business Park, Horsham, West Sussex, RH2 5QE

Tel: +44 1403 249888 E: [sales@chess-dynamics.com](mailto:sales@chess-dynamics.com) W: [www.chess-dynamics.com](http://www.chess-dynamics.com)

A company incorporate in England and Wales No: 3891212

## CARBON REDUCTION PLAN

**Supplier name:** Chess Dynamics Ltd

**Publication date:** June 2024

### Commitment to achieving Net Zero

Chess Dynamics Ltd 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.

Baseline Year: 2021	
Additional Details relating to the Baseline Emissions calculations.	
This is Chess Dynamics baseline year and as such this is the first set of figures produced. These figures will be used as the current reporting figures as well as baseline for the initial submission. Figures may be skewed due to the Global COVID Pandemic restricting work and travel	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	75.08
Scope 2	86.74
Scope 3 (Included Sources)	487.74
Total Emissions	649.57

#### Chess Dynamics Ltd

Quadrant House, North Heath Lane Business Park, Horsham, West Sussex, RH2 5QE

Tel: +44 1403 249888 E: [sales@chess-dynamics.com](mailto:sales@chess-dynamics.com) W: [www.chess-dynamics.com](http://www.chess-dynamics.com)

A company incorporate in England and Wales No: 3891212



## Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	76.96
Scope 2	86.52
Scope 3 (Included Sources)	531.64
Total Emissions	695tCO <sub>2</sub> e

		2021	2021/2022	2022/2023	2023/2024
tCO <sub>2</sub> e	Target		616.55	584.6	548.7
	Actual	649.6	983.6	994.08	696
	Per Turnover £M		34.3	44.8	18.6
	Per Employee	(182) 3.57	(187) 5.26	(205) 4.85	(228) 3.05

Figures in brackets = employee numbers @30<sup>th</sup> April that year

## Emissions reduction targets

Although overall emissions have not dropped in line with projected targets there are a couple of caveats surrounding this.

- Figures taken in 2021 were during Global COVID Pandemic limiting work and travel
- 2022 figure included commuting which was not previously included
- The business has grown in size (25%) and revenue during reporting period, taking on further premises
- Figures calculated per head and £M/turnover show a reduction in emissions

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 five years to 487.17 tCO<sub>2</sub>e by 2026. This is a reduction of 25%

## Chess Dynamics Ltd

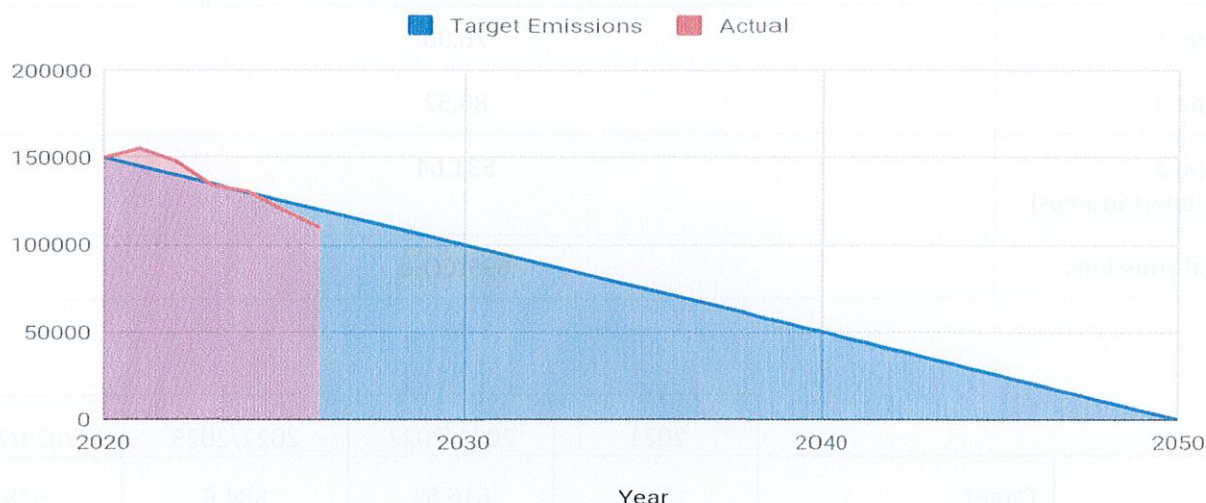
Quadrant House, North Heath Lane Business Park, Horsham, West Sussex, RH2 5QE

Tel: +44 1403 249888 E: [sales@chess-dynamics.com](mailto:sales@chess-dynamics.com) W: [www.chess-dynamics.com](http://www.chess-dynamics.com)

A company incorporate in England and Wales No: 3891212

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

## Carbon Reduction: Projected vs. Actual



### Carbon Reduction Projects

#### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been implemented since the 2021 baseline.

Chess Dynamics is certified to ISO14001, across all three sites. Within the last calendar year, we have made the following changes which we hope will have an impact on the current emissions;

- Change lights to LED
- Changed all units electricity to green energy
- Started the electric car scheme
- Monitor the amount of waste/recycling opportunities available to us

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

- Convert all fleet cars to electric at the end of current lease period or by 2026 (75% complete)
- Continue to reduce waste by exploring more recycling or re-purposing opportunities
- Bring Unit C&D in line with all other Chess Premises with regards to ISO14001

#### Chess Dynamics Ltd

Quadrant House, North Heath Lane Business Park, Horsham, West Sussex, RH2 5QE

Tel: +44 1403 249888 E: [sales@chess-dynamics.com](mailto:sales@chess-dynamics.com) W: [www.chess-dynamics.com](http://www.chess-dynamics.com)

A company incorporate in England and Wales No: 3891212



## 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<sup>1</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:



DAVID TUDDENHAM

Date: 24/6/24

### Chess Dynamics Ltd

Quadrant House, North Heath Lane Business Park, Horsham, West Sussex, RH2 5QE

Tel: +44 1403 249888 E: [sales@chess-dynamics.com](mailto:sales@chess-dynamics.com) W: [www.chess-dynamics.com](http://www.chess-dynamics.com)

A company incorporate in England and Wales No: 3891212

