CK Facilities Management Limited | 2023

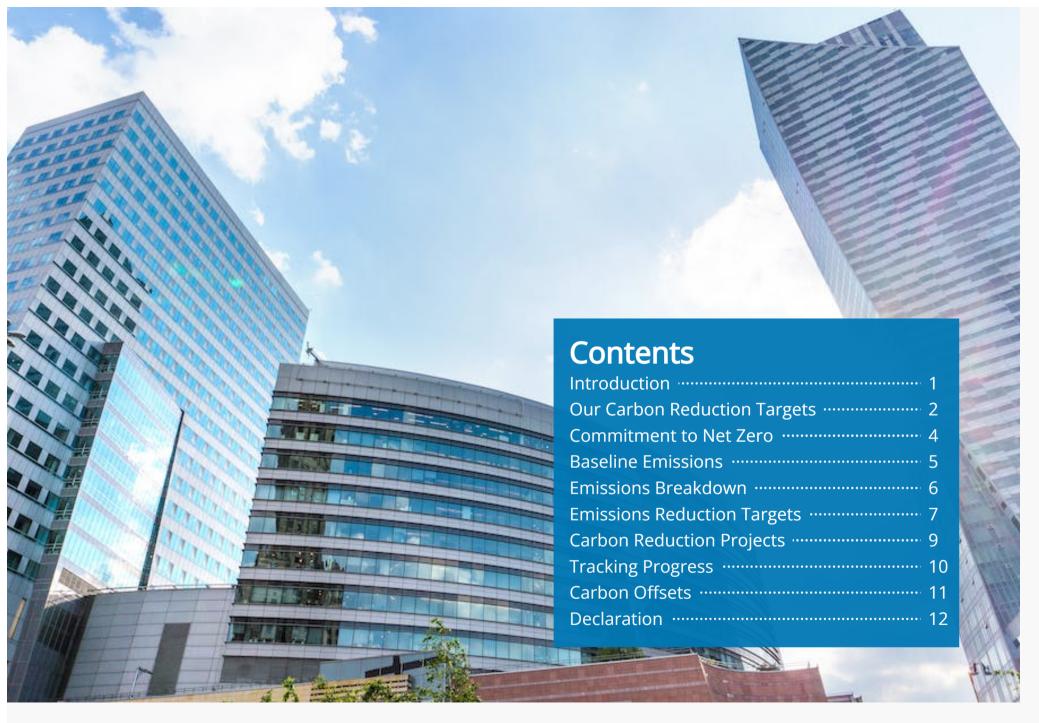
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# Towards a Sustainable Future

An ambitious Carbon Reduction Plan compliant with PPN 06/21







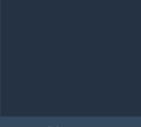
### Introduction

As we embark on our carbon reduction journey, we recognize the vital role that our Company plays in shaping a sustainable future. Our commitment to reducing carbon emissions is not only driven by the need to comply with regulations, but also by our genuine desire to make a positive impact on the environment. By implementing innovative energy-saving measures and adopting sustainable practices, we can pave the way for a greener and more prosperous future.

At CK Facilities Management Ltd, we firmly believe that sustainability and economic growth go hand in hand. By reducing our carbon footprint, we can not only contribute to mitigating climate change but also unlock new opportunities for innovation and cost savings. We are excited about the potential of renewable energy sources, energy-efficient technologies, and smart building solutions to transform our operations and create a more sustainable workplace for our tenants and employees.

While the challenges ahead may seem daunting, we approach them with optimism and determination. We are confident that by working together, embracing new technologies, and fostering a culture of sustainability, we can achieve our carbon reduction goals. Let us seize this opportunity to lead by example and inspire others to join us on this journey towards a more sustainable future.

We extend our heartfelt gratitude to our dedicated sustainability team for their unwavering commitment and hard work in developing and implementing our carbon reduction plan. Their expertise, passion, and tireless efforts have been instrumental in driving our sustainability initiatives forward. Together, we are making a real difference in reducing our environmental impact and creating a more sustainable Company. Thank you for your invaluable contributions and



Directo

### Our Carbon Reduction Targets

CK Facilities Management Limited is committed to a reduction in all Scope 1, 2, and 3 emissions by 2030

100% by 2030

Reduction compared to 2023







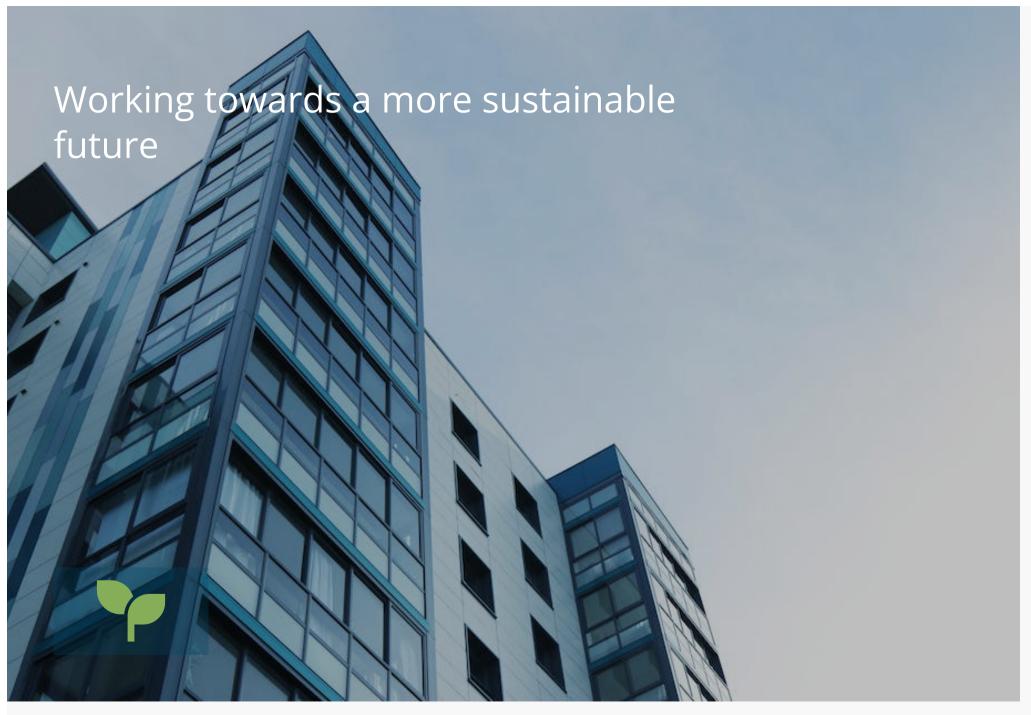
To support this target and demonstrate our commitment to reduce our carbon emissions, we will produce a carbon reduction plan inline with PPN 06/21.

All our emissions reductions will be primarily achieved through ambitious carbon reduction projects and offsetting carbon emissions will only be considered in cases of unavoidable emissions or residual emissions. CK Facilities Management Limited will work with its partners to establish a yearly emission reduction target and this KPI will be integrated into our reporting system to ensure annual targets are met.

### **Emissions Categories**

Currently, we measure all our Scope 1 and Scope 2 emissions following the GHG protocol, and we measure a subset of scope 3 emissions (PPN 06/21 requirement) following the Corporate Value Chain Scope 3 Standard.

GHG Scope	Emissions sources
Scope 1	Direct emissions resulting from sources that are owned and controlled by CK Facilities Management Limited
Scope 2	Indirect emissions from purchase of electricity and onsite EV charging
Scope 3	Indirect emissions from other sources not included in Scope 1 and 2 categories. We include in our carbon footprint scope 3 calculation business travel, deliveries we make, deliveries we receive, waste, commuting, work from home and supply chain purchases from our tier 1 suppliers



### Commitment to Net Zero

CK Facilities Management Limited is committed to reducing its carbon footprint by 100% by 2030 when compared to 2023.

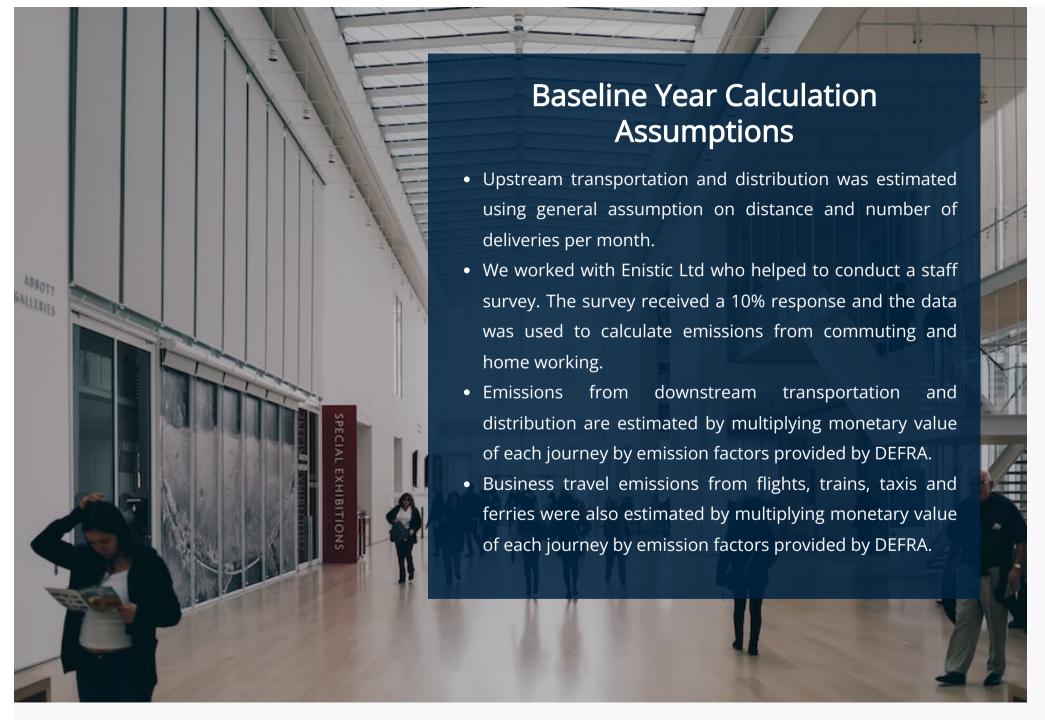
This report sets out a Net Zero roadmap, detailing the strategies we have put in place to achieve this goal.

### **Baseline Emissions**

Our baseline emissions comparison year is 2022/23

Baseline year emissions: Apr 2022 - Mar 2023		
Emissions	TOTAL (tCO <sub>2</sub> e)	
Scope 1	158	
Scope 2	6.9	
Scope 3 (including sources)	600	
Total emissions	765	

Note: UK-specific emissions factors were used for all calculations - even for sites not in the UK



## **Emissions Breakdown**

Scope 1	Emissions TOTAL (tCO <sub>2</sub> e)
1: Gas	22.1
1: Medium Van 1.7-2.0 litre diesel	122
1: Medium car 1.4-2.0 litre petrol	13.8
Total Emissions Scope 1	158

Scope 2	Emissions TOTAL (tCO <sub>2</sub> e)
2: Electricity	3.1
2: Electric car	3.7
Total Emissions Scope 2	6.9

Scope 3	Emissions TOTAL (tCO <sub>2</sub> e)
3.04: Deliveries (upstream)	0.7
3.05: Waste	17.7
3.06: Staff mileage	0.6
3.06: Flights	3.7
3.07: Working from home	50
3.07: Commuting	526
3.09: Deliveries (downstream)	1.5
Total Emissions Scope 3	600
TOTAL EMISSIONS	765 tCO₂e



### **Emission Reduction Targets**

To continue our progress towards achieving Net Zero, we have developed a Net Zero target for 2030.

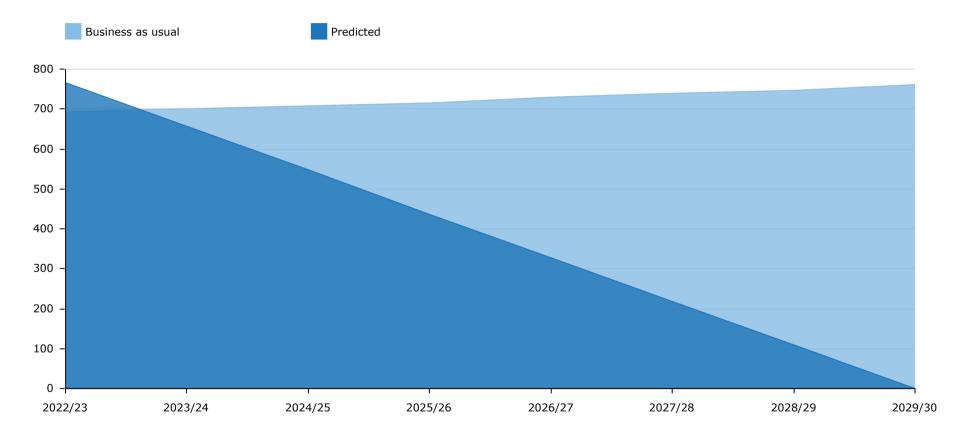
We project an absolute linear reduction in our emissions from our baseline year to net zero emissions by 2030. These targets may change as new projects are implemented.

Before our baseline year, we tracked scope 1 and 2 emissions. In future, we aim to work with our supplier to tackle our scope 3 emissions.

The graph on the right projects our future carbon emissions in two different scenarios. Starting with our emissions from the baseline year (2023), the light blue area shows our potential emissions in a business-as-usual scenario, with no further carbon reduction projects implemented. The dark blue area shows our predicted carbon emissions based on our Net Zero target.







These projections suggest that CK Facilities Management Limited could save nearly 760 tCO2e by continuing existing or implementing new carbon reduction projects detailed in the next section.

### Carbon Reduction Projects

The following environmental management measures and projects are currently in progress or in the planning stages.

#### **Energy-Efficient HVAC**



The Energy-Efficient HVAC project involves upgrading existing HVAC systems to energy-efficient models with advanced controls and variable speed drives. Energy-efficient HVAC systems optimize energy usage by adjusting cooling and heating output based on demand and environmental conditions.

#### **LED Lighting**



The LED Lighting project involves replacing traditional lighting fixtures with energy-efficient LED lights throughout the office building. LED lights consume significantly less energy compared to traditional incandescent or fluorescent lights, resulting in reduced energy consumption and carbon emissions.

#### **Occupancy Sensors**



The Occupancy Sensors project involves the installation of occupancy sensors in office spaces to automatically control lighting and HVAC systems based on occupancy. These sensors detect the presence or absence of occupants and adjust the lighting and temperature accordingly, optimizing energy usage.

#### **Paperless Office**



The Paperless Office project involves transitioning to a paperless working environment by digitizing documents, implementing electronic workflows, and promoting digital collaboration. By reducing paper usage and waste, the project aims to minimize the environmental impact associated with paper production, printing, and disposal.

#### **Smart Thermostats**



The Smart Thermostats project involves upgrading existing thermostats to smart thermostats with occupancy detection and remote control capabilities. Smart thermostats use advanced sensors to detect occupancy and adjust temperature settings accordingly, optimizing energy usage and providing remote control options.

#### Solar Panels



The Solar Panels project involves the installation of solar panels on the roof of the office building to generate renewable electricity. Solar panels harness the power of sunlight and convert it into usable electricity, reducing reliance on grid-supplied energy.

# **Tracking Progress**

	01 Apr 22 - 31 Mar 23	
Scope	tCO2e	
1: Gas	22.1	
1: Medium Van 1.7-2.0 litre diesel	122	
1: Medium car 1.4-2.0 litre petrol	13.8	
2: Electric car	3.7	
2: Electricity	3.1	
3.04: Deliveries (upstream)	0.7	
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3.07: Commuting	526	
3.07: Working from home	50	
3.09: Deliveries (downstream)	1.5	
Total	765	
Square root feet (sqft)	0	
tCO2 / sqft		

Baseline year

### **Carbon Offsets**



# Seaweed Farming Innovation, Cornwall

This project is an opportunity to invest in early stage, nature-based innovation and help write the science to scale up seaweed farming across the South West of the UK.

This option is under consideration, but no definitive commitment has been established.



#### Peatland Protection, Rimba Raya

The Rimba Raya Biodiversity Reserve project is protecting one of the most highly endangered ecosystems in the world.

Without this project, the carbon-rich, peatland forest of Rimba Raya would have been turned into palm oil estates...

This option is under consideration, but no definitive commitment has been established.



# Dryland Protection, Kasigau Wildlife Corridor

The Kasigau Corridor project is a REDD+ project based in Rukinga, Kenya. It protects an expanse of over 200,000 hectares of dryland Acacia-Commiphora forest home to over 2,000 elephants.

This option is under consideration, but no definitive commitment has been established.

### **Declaration**

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 the Streamlined Energy and Carbon Reporting (SECR) requirements, and the subset of Scope 3 emissions have been reported in accordance with the published standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

This Carbon Reduction Plan has been reviewed and signed off by the head of sustainability for CK Facilities Management

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