FW THORPE PLC

Investor Presentation 2025

Introduction

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Introductions.

FW THORPE PLC



Mike Allcock Non-Executive Chairman

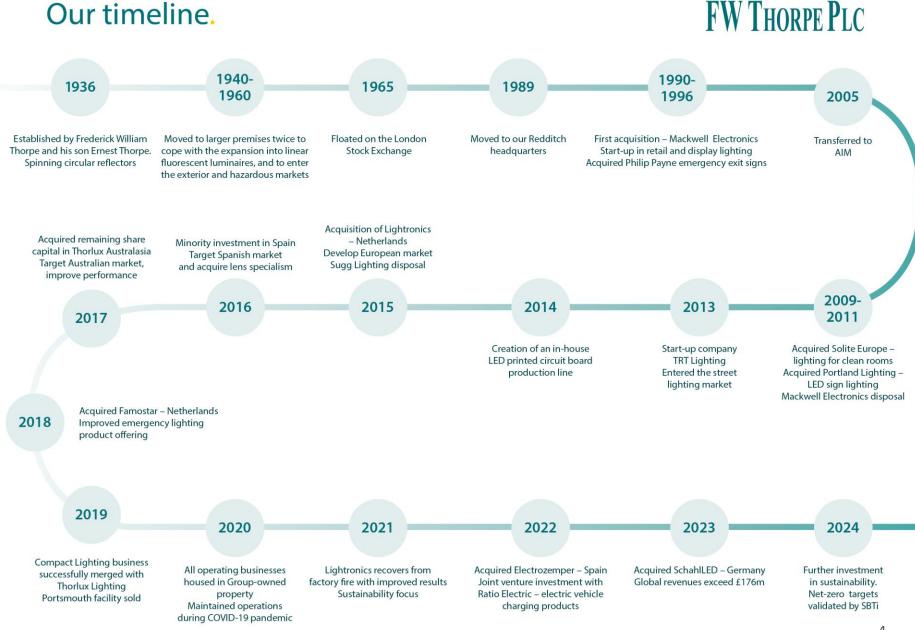
Mike joined FW Thorpe Plc in 1984 as an apprentice working his way to Technical Director for Thorlux Lighting in 1998, taking responsibility for the Company's design programme. He was appointed Group Technical Director in 2001 and became Managing Director of Thorlux Lighting in 2003. Mike is a Chartered Electrical Engineer and a Fellow of the Institution of Engineering and Technology. He is passionate about developing innovative, high technology, market leading products. He became Joint Group Chief Executive of FW Thorpe in 2010, a position he held until July 2024, and Chairman in July 2017.



Craig Muncaster

Chief Executive, Group Financial Director and Company Secretary

After graduating in Business Administration, Craig qualified as a Chartered Management Accountant in 2000. He has spent time in the manufacturing and engineering sectors, previously as UK Financial Director for Durr, which included a number of overseas ventures and projects for the wider Group. He joined FW Thorpe in 2010 and was appointed Joint Group Chief Executive in July 2017 and Group Chief Executive in July 2024.



Our global footprint.













Highlights.

The following key performance indicators are considered to be the most appropriate for measuring how successful the Group has been in meeting its strategic objectives.

C

Revenue (£m)	
-0.5%	
2024	175.8
2023	175.8

2022

2021

2020

2023

2022

2021

2020

pera	ating	pro	fit (:	£m)	
+1	0.	1	%)	

2024	30.6
2023	27.8
2022	24.7
2021	19.2 ²
2020	16.3

Dividend per share (pence)

2024	6.78
2023	6.46
2022	6.15 ¹
2021	5.80 ¹
2020	5.66

Basic earnings per share (pence) +10.7%

143.7

117.9

113.3

20.73	202
18.72	202
17.16	202
13.57 ²	202
11.45	

CO₂ emissions (tCO₂) (Scopes 1, 2 and 3) -10,2%

2024 🧲	212,912
2023	237,054 ³
2022	274,154 ³
2021	322,9563

Operational highlights.

- Strong performance, supported by operational improvements at Thorlux and revenue growth at Lightronics
- Operating profit growth despite
 inflationary cost pressures
- Recent acquisitions continue to
 perform in line with expectations
- Strong net cash generated from operating activities continued with £41.4m.

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1 2024, 2022 and 2021 dividends exclude special dividends

2 2021 excludes the exceptional items in respect of Lightronics fire £1.6m

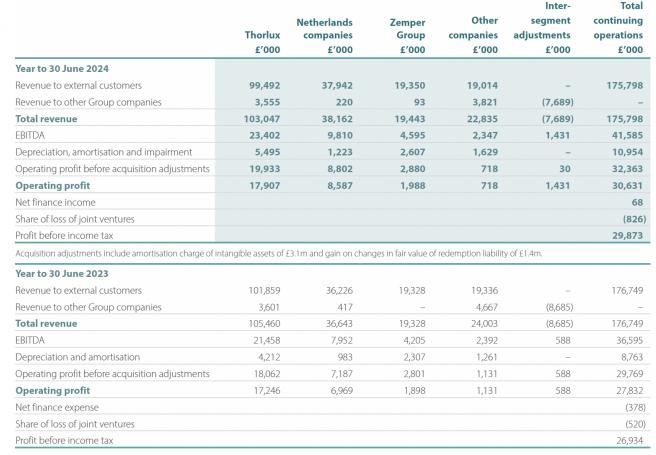
³ Restated to include SchahlLED

Highlights.

Segmental analysis.

- SchahlLED included in the Thorlux segment
- Thorlux segment dampened by acquisition costs
- Operating profit before acquisition adjustments – shows impact of acquisition adjustments
- Amortisation of intangibles the main impact
- EBITDA performance added to demonstrate contribution of acquisitions

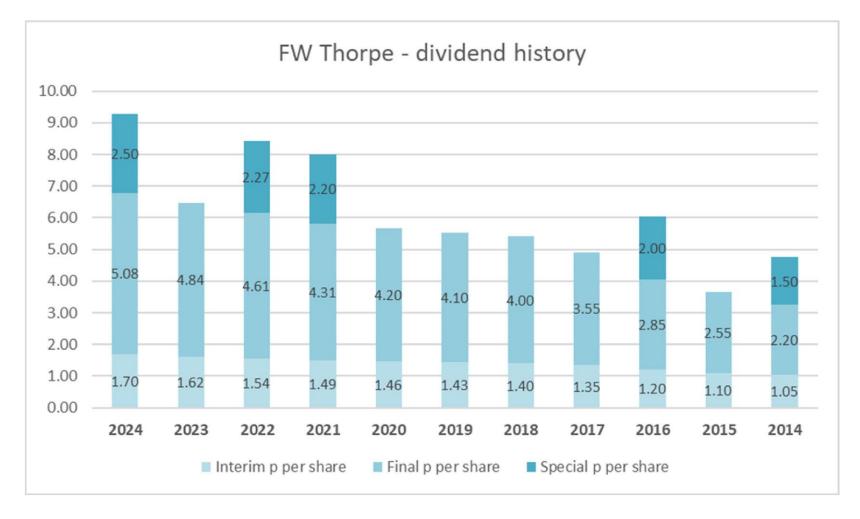
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Acquisition adjustments include amortisation charge of intangible assets of £1.9m.

Financial highlights.

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22 consecutive years of increased dividends

Our businesses.

FW THORPE PLC



- High and low bay luminaires
- Lighting controls
- Exterior lighting



Lighting controls



lighting systems

Group companies.

FW THORPE PLC

Typical applications.









Our businesses. continued











Group companies.

FW THORPE PLC

Typical applications.











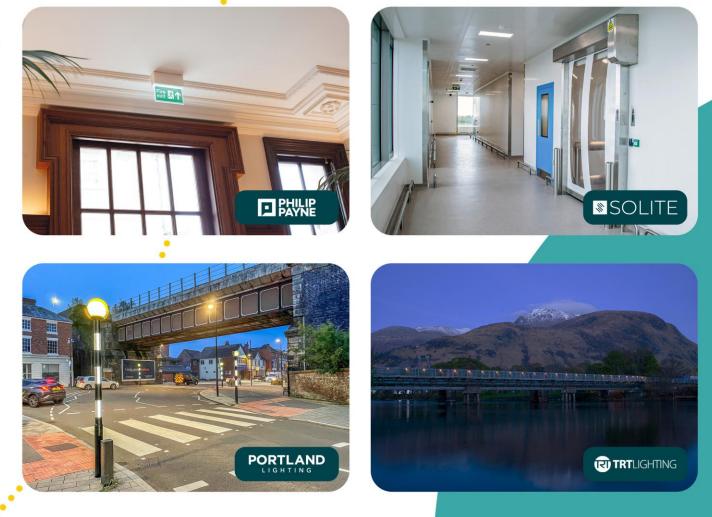
Our businesses. continued



Group companies.

FW THORPE PLC

Typical applications.



Business model.

Customers come to us for peace of mind. They want the correct technical solution, professional service, sustainability of products/services and the ability to provide support during a product's warrantable life and beyond.

Our business model is focused on the needs of customers and the marketplace, with a robust capital structure that underpins our ability to deliver sustainable growth, innovative products and excellent customer service.



Design & Innovation Talented People

Manufacturing Facilities

Financial & Environmental Sustainability The service offering we provide . . .

Design & development

Investment included solar, injec-

with reduced carbon emissions.

£1.0m (2023: £0.8m)

tion moulding, paint plant facility

£2.0m (2023: £1.9m)

Group operations . . .

Specification renovations Diversified product portfolio

Cross-selling opportunities Sustainability leadership

ustainability leadership

provided for our customers

Solutions

Value generated

Customers Shareholders Employees Environment Communities

Services £6.1m (2022: £8.6m)

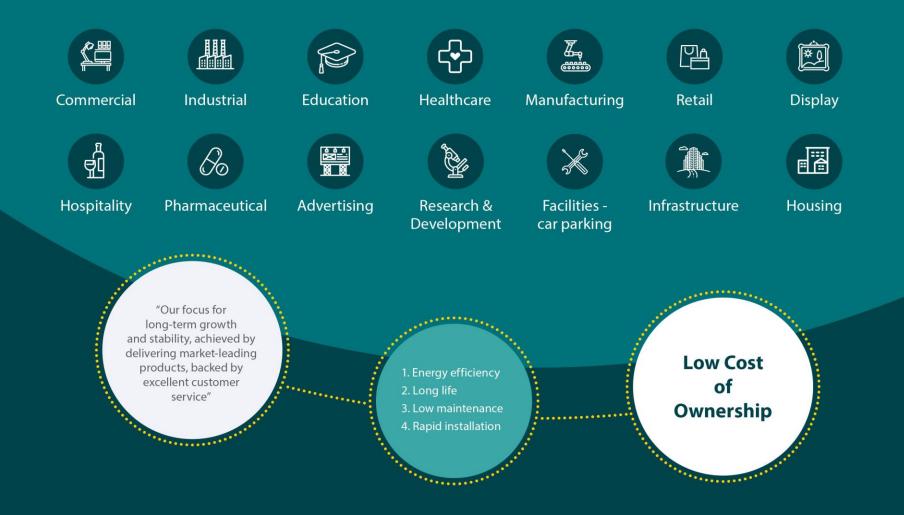
Manufacturing

• Energy efficiency

- Low maintenance
- Rapid installation
- Longevity of product
- Low total cost of ownership

CASGLU Collectio

Market positioning.





Thorlux proposition.

Controls.

- Indoor and outdoor lighting management for energy conservation, flexibility and wellbeing
- Fully automated emergency lighting testing and compliance
- Completely wireless infrastructure simple installation
- Cloud based information storage and display
- E-mail based reporting
- Additional features air quality measurement, occupancy sensing



Thorlux illuminates London landmark.

The Elizabeth Tower, better known as Big Ben, is one of the most recognisable landmarks in the world. Standing at 96 metres (316 feet) high, the clock tower overlooks the Palace of Westminster.

Thorlux is proud to have been involved with the five-year Elizabeth Tower renovation and conservation programme. Thorlux provided luminaires and wireless lighting controls for rooms and service areas, as well as bespoke fixtures for the famous clock faces and the Ayrton Light lantern which tops the tower.



Illuminating the Great Clock Faces

Surveys were first undertaken, and successful trials proved that the LED solution would make no difference to the appearance of the clock faces.

The final design was developed and supplied, with the four clock faces being illuminated by 228 luminaires and over 55,000 individual LED chips. This also provided a 60% energy saving.

Upgrading the Ayrton Light

The bespoke fixture for the Ayrton Light provides an intense downward beam of light through 360 degrees. A series of stacked 'light rings' provide the required effect in a compact size to fit inside the lantern structure. The final solution was then designed and engineered by Thorlux with a custom mounting bracket.



Interdisciplinary Biomedical Research Building (IBRB), University of Warwick.

Client

University of Warwick

Location

Warwick, United Kingdom

Challenge

A low energy and low maintenance lighting solution with the ability to monitor occupancy.

Luminaires

A selection of high performance luminaires used on this project.





Client testimonial

"As one of the university's approved suppliers, Thorlux were set the challenge of creating an energy efficient, smart building lighting solution which complements the buildings architecture whilst also being low maintenance. I believe Thorlux have excelled in this and also brought innovation in the form of smart lighting controls and circadian rhythm simulation to meet user requirements."

Paul Holland

Electrical Design Engineer at the University of Warwick

Occupancy Profiling

Occupancy status is displayed via an interactive drawing on the SmartScan Website.



SMARTSCAN

FW THORPE PLC

Maximising energy savings through movement detection and daylight sensing.

ColourActive

The daily ColourActive cycle is configured via the SmartScan website.





Rhind Building, City, University of London, London, United Kingdom.

Thorlux Lighting has worked closely with City, University of London to convert aged light fittings in its Rhind Building on St John Street to the latest energy-saving LED lighting technology.

Challenge

The lighting system comprised outdated fluorescent technology and required updating; besides the recent phase-out of fluorescent lamps from general sale under changes to the Restriction of Hazardous Substances in Electrical and Electronic Equipment Directive (RoHS), the university sought to improve energy efficiency and reduce carbon output.

Luminaires:



Solution:

Thorlux provided tailored retrofits to replace the existing lamps and covers, re-engineering the existing chilled beam chassis. The retrofit was completed in situ by Thorlux engineers and scheduled around lectures and other bookings to minimise disruption to both staff and students.

Thorlux has a long history of providing retrofit and custom lighting solutions, implementing lighting solutions that balance environmental, aesthetic, and economic considerations. Retrofitting offers a circular economy solution which can help minimise waste and keep valuable materials in circulation longer. 94% Energy saving FW THORPE PLC

125,387kg CO2e reduction

£194,498 Anticipated annual saving

Ordnance Survey Head Offices, Southampton.

Client

CBRE

End user

Ordnance Survey

Location

Ordnance Survey Head Offices, Southampton

Commissioning

Thorlux provided a professional on-site commissioning service to ensure that the products were configured to provide the desired performance and return on investment.

Carbon offsetting

For CBRE, one of the main advantages of using Thorlux products was the ability to carbon offset the CO₂ produced during the manufacture and use of the luminaires.



Client testimonial

"From initial engagement to project completion Thorlux Lighting was brilliant. The installation was completed with more than 3000 fittings being replaced and the client can now use the SmartScan portal to track and highlight energy usage and lighting patterns throughout the site."

Matthew Balcombe **Project Manager** CBRE | FM-FMSO

Luminaires installed

LIGHT LINE





CBRE team visit to plant trees at the FW Thorpe carbon offsettin cito in Wales

Installation





3,015

Fluorescent luminaires replaced

FW THORPE PLC

After

West Midlands Trains and Network Rail.

Thorlux has worked closely with West Midlands Trains (WMT) and Network Rail for nearly a decade to modernise the lighting systems at 150 sites, including 145 stations.

University Station, Birmingham

An ageing canopy structure from the late 1970s on the southern leg of Birmingham's Cross City Rail Line has given way to a £56 million state-ofthe-art station capable of handling up to 7.2 million passengers yearly.

SmartScan Lighting Management System

- Maximised energy savings through movement detection and daylight sensing
- · Lighting levels increased to current rail safety standards.
- Presence detection for passenger safety after dark
- In depth reporting including space occupancy and luminaire performance

WMT project accolade

Recognising the success of this long-term relationship and the impressive carbon reductions it has generated, Thorlux Lighting and WMT were highly commended for their overall LED station lighting project at the 2024 Rail Business Awards.

Luminaires:









RADIANCE

REALTA REA

REALTA MICRO



To achieve our objectives, it was crucial to find the right lighting supplier to implement a solution never before seen on the UK's railway network. Thorlux was approached as a midlandsbased company with [...] a longstanding reputation for innovation and a wide and unique range of products.

Richard Gannon Project Manager, West Midlands Trains

STARBEAM

Carbon emissions reduced by 65%

W THORPE PLC

Over £1,000,000 Anticipated annual saving

Presteigne Dark Skies.

Client/End user

Powys County Council and Presteigne and Norton Town Council

Location

Presteigne, Powys

Background

Presteigne Dark Skies aim was to transform Presteigne into the first IDA Dark Sky Community in Wales.

The goal was to light the town whilst preserving the night sky. Presteigne is so remote and perfect for star gazers and protecting an important local resident, the endangered Lesser Horseshoe Bat, which adversely changes its feeding patterns in response to bright streetlights.



Luminaires installed

TRT Optio Micro (16 LED) with 2200K LEDs.



The outcome

- The town is now sufficiently lit for residents and visitors, providing good visibility and a feeling of safety, whilst also protecting the endangered Lesser Horseshoe Bat along with other bats, birds and wildlife.
- The Spaceguard Centre, an observatory located on a remote, dark sky site ideal for astronomy, has also benefitted as they now have better visibility of the night sky.
- Moving to the TRT Optio Micro lantern provides an estimated saving of 3.5 tonnes of CO₂ emissions per annum.



In-house manufacturing.





Quality and certification.

FW THORPE PLC

ISO 9001



Kitemark



ISO 14001



ENEC



ISO 27001

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Declaration of Conformity

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ISO 45001



Support.

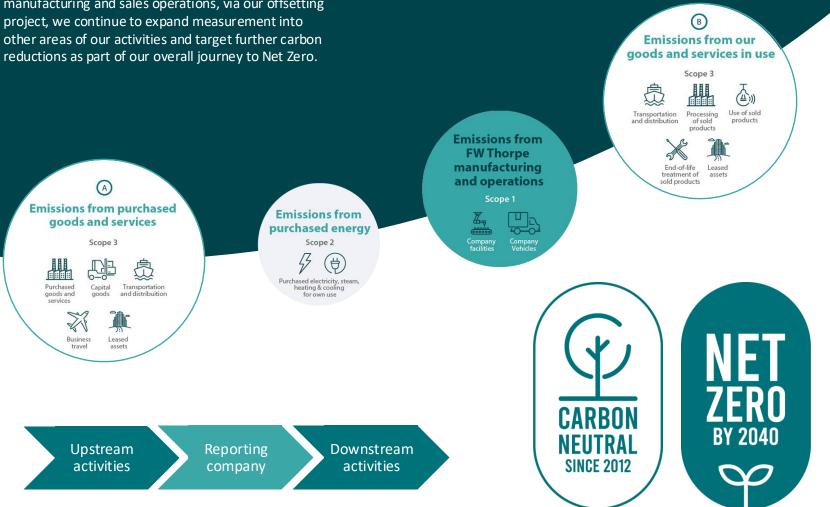
More than just a lighting manufacturer.





Carbon neutral to net zero.

Having achieved carbon neutral status for our manufacturing and sales operations, via our offsetting project, we continue to expand measurement into other areas of our activities and target further carbon



Carbon neutral to net zero.

FW THORPE PLC

Scope 1

All direct emissions from the activities of an organisation, including fuel combustion on site, such as in gas boilers and in its fleet of delivery and other company-owned vehicles.

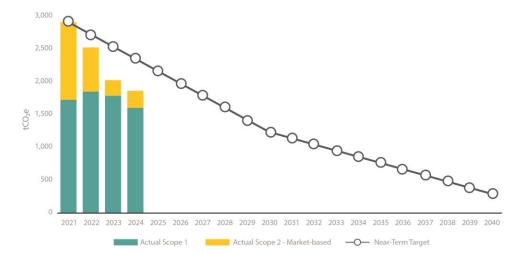
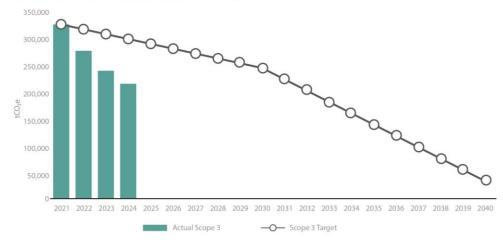


Figure 1: FW Thorpe Group's Progress against Scope 1 and 2 Targets





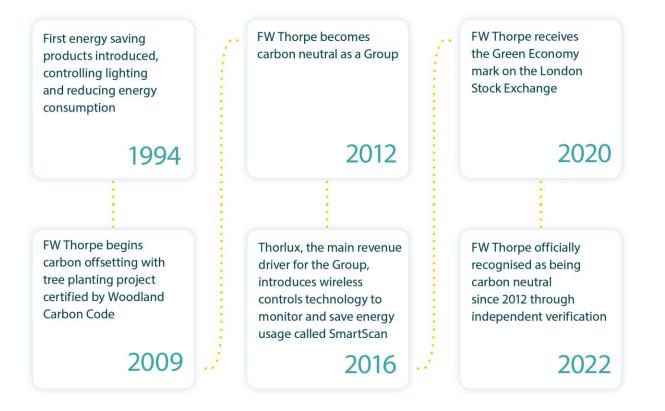
Scope 2

Indirect emissions from electricity purchased and used by the organisation. These emissions are caused during the production of the electricity that is ultimately used by the organisation.

Our sustainability journey.

FW THORPE PLC

The journey so far: the Group's progress and plans for the future



Our sustainability journey. continued

FW THORPE PLC



DRIVING AMBITIOUS CORPORATE CLIMATE ACTION



FW Thorpe Plc's net-zero target is verified by the Science Based Targets initiative (SBTi) under the Net-Zero Standard

2024

Our progress made this year

In 2023, FW Thorpe Plc announced its ambitious climate target to achieve net-zero emissions by 2040 and set credible and robust sciencebased targets. The SBTi has validated that FW Thorpe Plc's sciencebased greenhouse gas emissions reduction targets conform to the SBTi Corporate Net Zero Standard. The standard includes the guidance, criteria, and recommendations companies need to set science-based net-zero targets consistent with limiting global temperature rise to 1.5°C.

Overall Net-Zero Target: FW Thorpe Plc commits to reach net-zero greenhouse gas emissions across the value chain by FY2040.

Near-Term Targets

FW Thorpe Plc has submitted two near-term targets for review by the SBTi. All targets have been assessed against the SBTi's quantitative and qualitative criteria, alongside the Criteria Assessment Indicators.

FW Thorpe Plc commits to reduce absolute scope 1 and 2 GHG emissions 57.5% by FY2030 from a FY2021 base year.

FW Thorpe Plc also commits to reduce absolute scope 3 GHG emissions 25% within the same timeframe.

FW Thorpe Plc commits to reduce scope 1 and 2 GHG emissions 57.5% by FY2030.



FW Thorpe Plc commits to reduce scope 1 and 2 GHG emissions 90% by FY2040.



Long-Term Targets

FW Thorpe Plc has submitted two long-term targets for review by the SBTi. All targets have been assessed against the SBTi's quantitative and qualitative criteria, alongside the Criteria Assessment Indicators.

FW Thorpe Plc commits to reduce absolute scope 1 and 2 GHG emissions 90% by FY2040 from a FY2021 base year.

FW Thorpe Plc commits to reduce absolute scope 3 GHG emissions 90% within the same timeframe.

Our sustainability focus areas.

The link between the Group's sustainability journey and its strategic priorities related to its products, operations, business model and people is vital to the long-term success of the business.

Products (Design and Innovation)

New products:

- Design principles - circularity focus, recycled renewable content, retrofit options
 - Wiring Packaging

Sourcing:

Plastics

Metals

Electronic

components

- Product lifetimes e.g. 100.000 hour's operation
- Energy efficiency
- Smart technology
- Health and well-being .
- Minimum certification against sustainability and circularity standards

Supply chain:

· Determine sourcing criteria with key suppliers





Ensure healthy lives and promote wellbeing for all at all ages.

Ensure access to affordable, reliable, sustainable and



inclusive and modern energy for all. growth.



Sustainable cities and



Ensure sustainable consumption and

13 ACTON

> Take urgent action to combat climate change and its

People

- Health and safety measures ISO 45001 across the Group
- · Training and development
- . Employment of young people continued support of apprenticeship scheme
- Diversity, gender pay
- Responsible wage/salary rates
- Flexible working



- New products supporting green economy e.g. EV charging
- Existing products that support the green economy - e.g. Smart, SmartScan
- Refurbishment/reuse business replacement light engines, upgraded controls
- Alternative financing models for customer projects



FW THORPE PLC

- Distribution: Own solar generation . Hybrids/electric vehicles (EVs), Source from shipping routes Packaging – type, Continue and expand return/reuse carbon offsetting
 - Goods in shipping routes, air freight, packaging
- Reduce waste to landfill

Operations (Manufacturing Excellence)

External activities:

Energy usage:

renewables

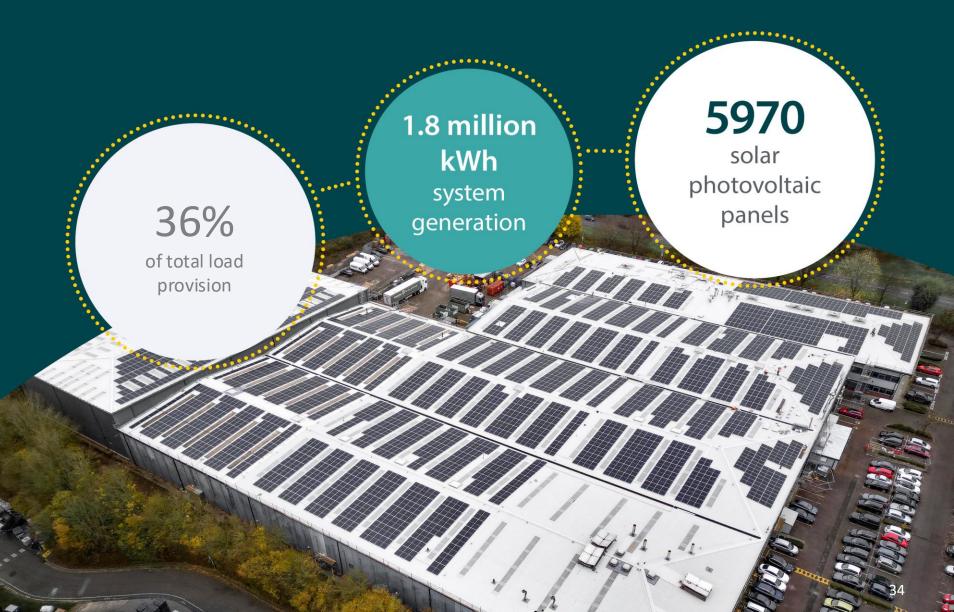
programme

Waste:

- Sales and engineering fleet hybrids/EVs/hydrogen
- Consider travel policy trains, air travel
- Ability for certain staff to work at home reduced travel
- EV charging at work using solar energy suppliers



Solar photovoltaic.

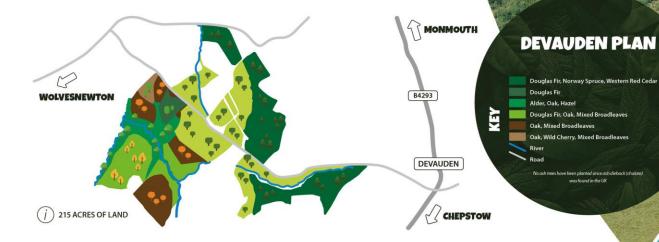


Carbon offsetting.

FW Thorpe is committed to minimising the environmental impact of both its manufacturing processes and its products.

The company has therefore designed an ambitious carbon-offsetting scheme to help compensate for these emissions.

- 215 acres in Monmouthshire
- Purchased in 2009 £0.8m
- 179,412 trees planted
- Sequesting over 44,385 tonnes of CO_2e over a period of 100 years
- Ability for customers to offset CO2e when purchasing products
- The first site in Wales to be certified against the Woodland Carbon Code





Carbon offsetting. continued



FW THORPE PLC

Our products are sold throughout the world. The Group management team is passionate about developing the business for the benefit of the shareholders, employees and customers. With the energy and ability of our staff we look forward to the future with enthusiasm. Our aim is to create shareholder value through market leadership in the design, manufacture and supply of professional lighting systems.

Overview.

Strategy.



Focus on high quality products and good leadership in technology Continue to grow the customer base for Group companies

ânÎ

Focus on manufacturing excellence

Continue to develop high

507

quality people

Summary.

Why invest in FW Thorpe.

- A well-positioned portfolio of companies in eight different countries
- Innovative products with market-leading technology
- Strong profit margins and robust balance sheet
- Track record of growth
- Progressive dividend
- Stable ownership and management structure aligned with our shareholders

FW THORPE PLC

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