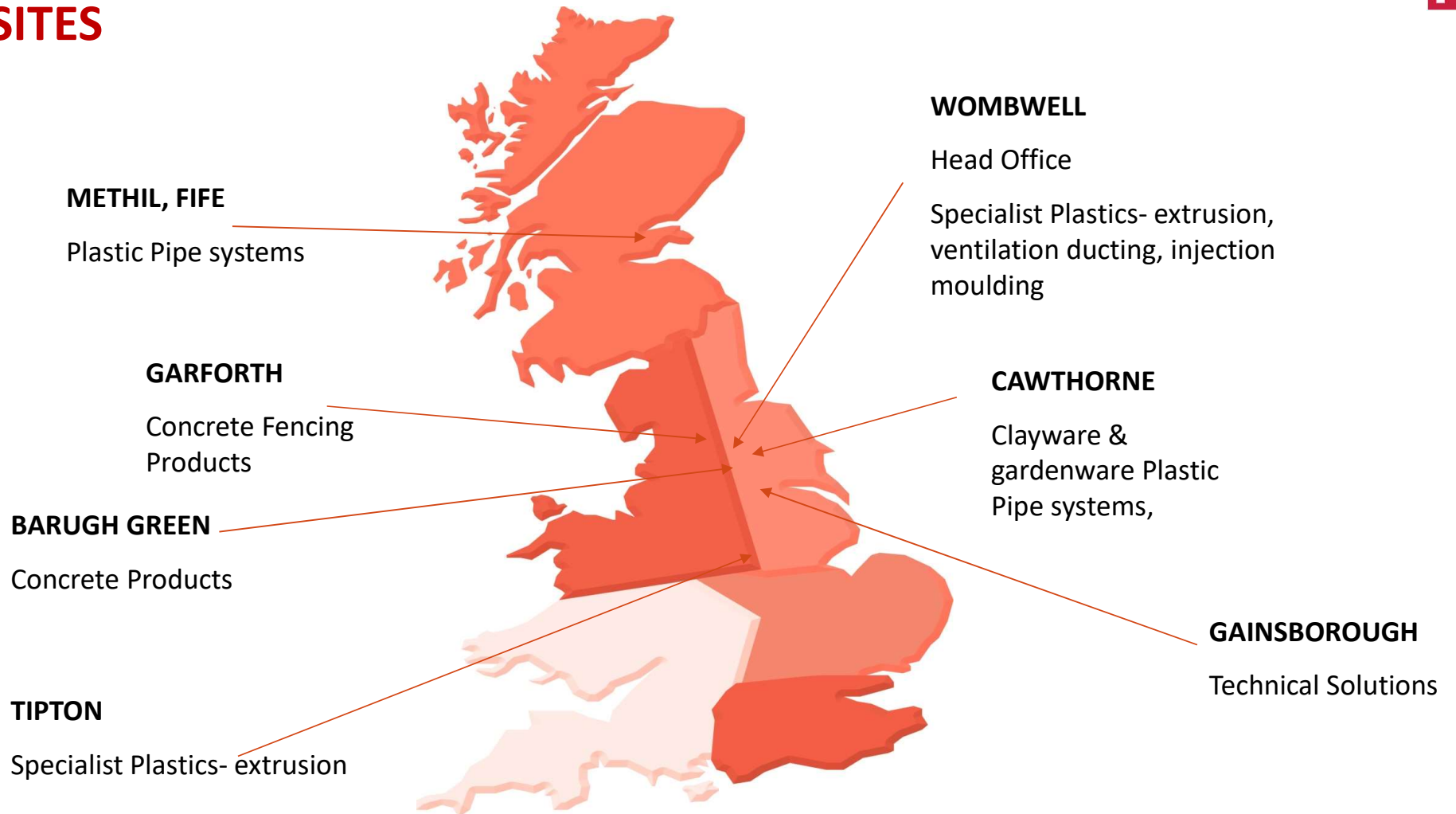


NAYLOR  
INDUSTRIES

N



## OUR SITES





# NAYLOR DRAINAGE PRODUCT RANGES





NAYLOR

Our strategy



Our journey to

# NET ZERO CARBON

Be a part of it!

QUANTIFICATION

TARGETING

IMPLEMENTATION

MONITORING

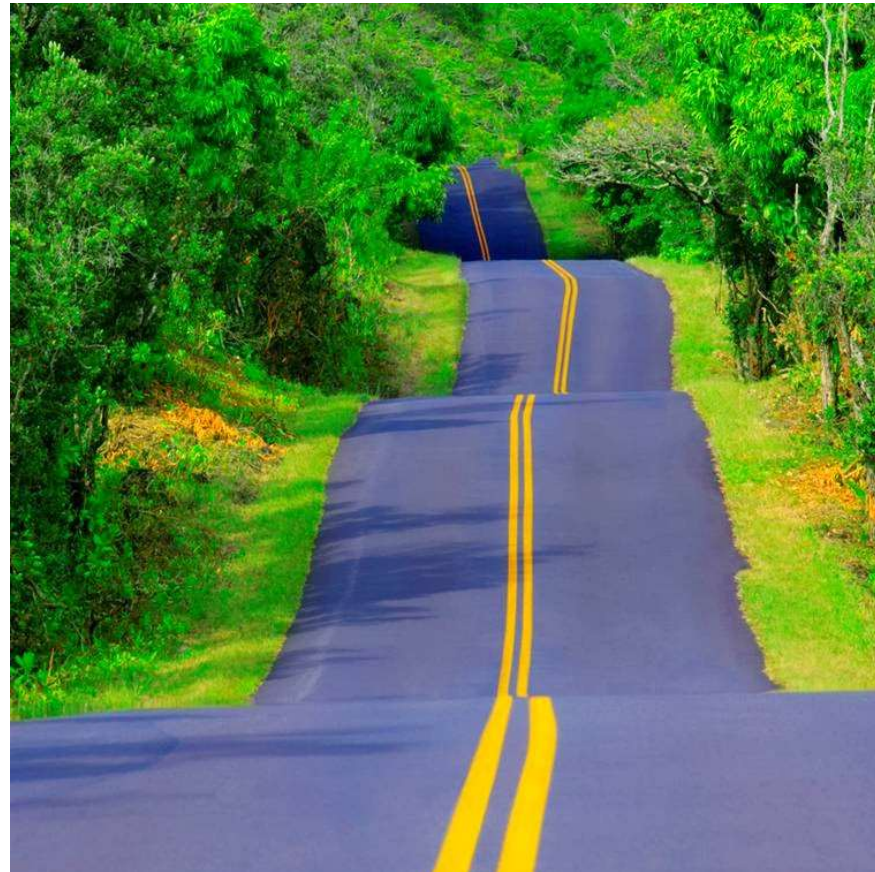
IMPROVING

BBIC Net Zero : Case Study – Feb 2022

## WHY NOW?

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- Previous Working Groups
- Customer Demands
- Morale Grounds
- Legal
- Financial Aspects



# WHAT?

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Scope 1 ,2 &3

Green House Gases

Funding Opportunities

Carbon  
Footprint



Net Zero

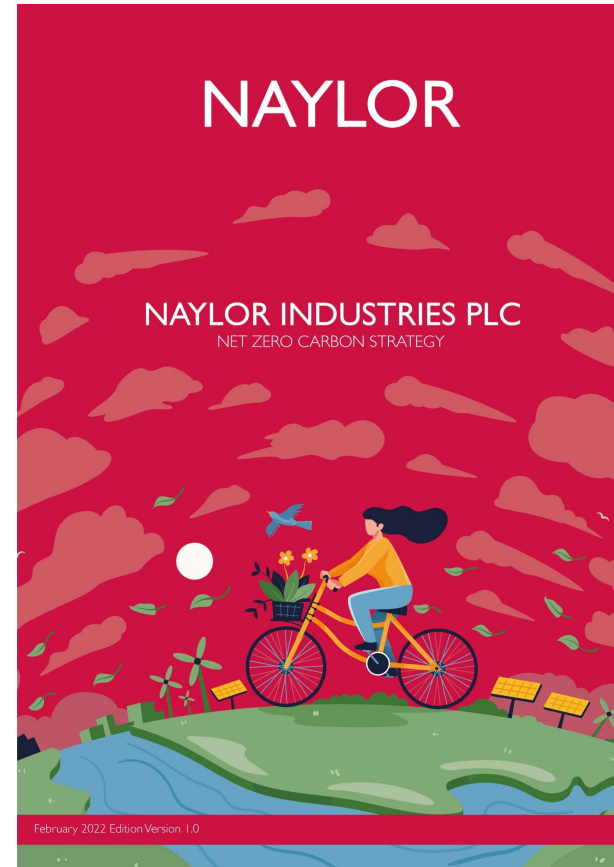
Sustainability

ESOS

Webinar

SECR

# WHAT?



# BUY-IN



"Naylor cares deeply about the environment and we are sharing our journey to net zero carbon with colleagues, as well as customers and suppliers.

We monitor the environmental impact of our sites at every level. Our aim is to continually reduce this impact by increasing energy efficiency and reducing carbon emissions and waste.

We recognise that to achieve net zero by 2050 we need to explore and develop innovative and energy saving technologies"

*E. Naylor*  
**EDWARD NAYLOR**  
CEO NAYLOR INDUSTRIES PLC



#### Director commitment

*As a senior leader within Naylor Industries, I will support the below principles and ensure these are driven at all levels*

#### Personnel

- Consideration to environmental aspects must be given when selecting new senior leaders to be business – including but not limited to energy/carbon awareness.

#### Energy

- Choose renewable, low carbon energy sources (zero Carbon if possible) to ensure carbon emissions from our electricity use are kept to a minimum.
- Where possible - reduce, avoid and eliminate the use of fossil fuels in the business.

#### Property and Assets

- When implementing new equipment, give foresight to energy efficiency and emissions.
- For maintenance, consider locality of replacement parts (distance of location, frequent replacements etc.).
- Energy and carbon consideration must be given to new sites and buildings.

#### Education/Training

- Ensure environmental training is issued to all staff and energy efficient practices are conducted throughout the business.

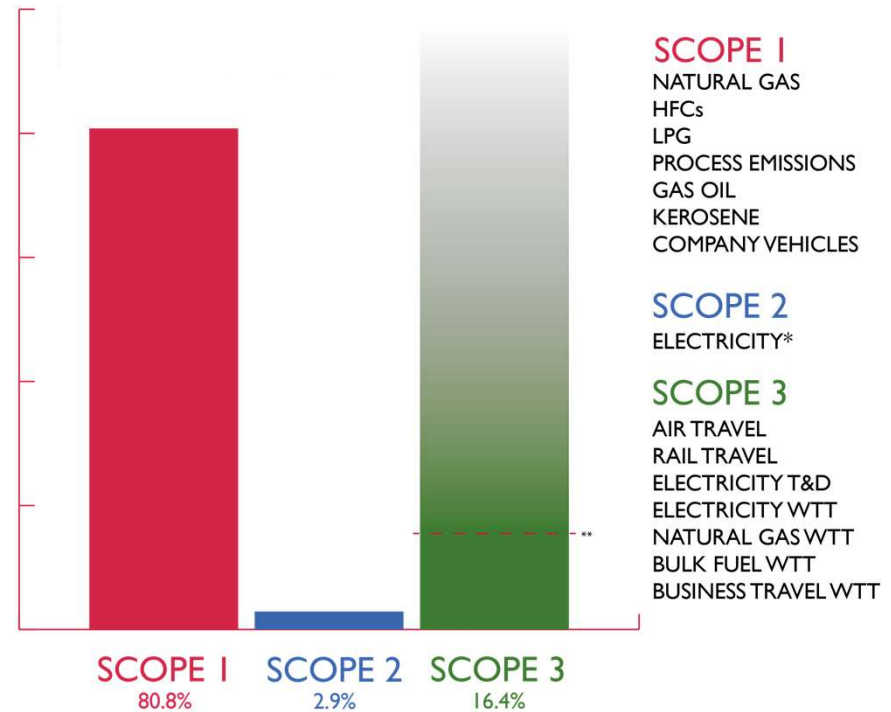
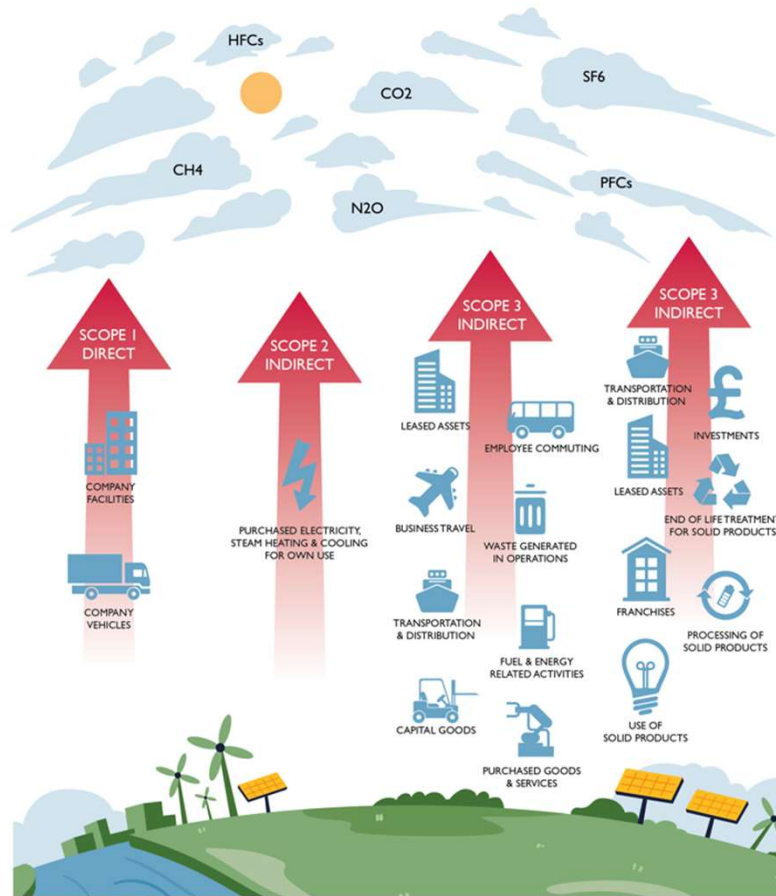
#### Support

- Allocation of resources for the annual quantification of carbon emissions.
- Support the EHS team to drive Naylor Industries 'journey to net zero', provide support and resources where required.





# QUANTIFICATION



\*Market-based emissions methodology  
 \*\*Scope 3 emissions not fully quantified

## LOW HANGING FRUIT

### Energy Efficiency

- Configuration of Deliveries
- Kiln Insulation
- Lighting
- Air Compressors

### Production Efficiency

- Increasing Yield
- Minimising Quality Issues

### Waste Reduction

- Zero to Landfill



## CASE STUDY

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### Air Compressor upgrade in Clay

This project will save us;

- ✓ £15,000 in reduced electricity bills per annum
- ✓ A reduction of over 100,000kw(h) per annum
- ✓ Saving 25 tons of CO<sub>2</sub> per annum



## PROJECTS

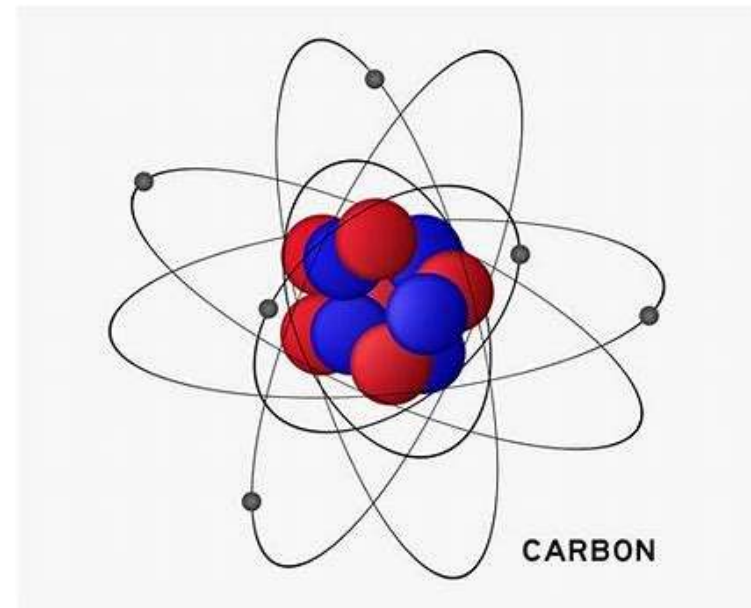
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- Fuel Alternatives
- Heat Recovery
- Carbon Capture
  
- Technology of the future









## PRODUCT

- Lower Carbon Products
- Establish Carbon content of all our products
- BREEAM Requirement for Construction Projects



## Tool options – 225 mm Ø MetroDrain / Sewer Coupler

| TOOL MANUFACTURER  | MODE OF TRANSPORT  | COST INC TRANSPORT | TIME INC TRANSPORT | CO2 OUTPUT TRANSPORT |
|--|--|--------------------|--------------------|----------------------|
|   |   | £62k               | 22-25 weeks        | 19875 kg             |
|   |   | £54k               | 30-36 weeks        | 1184 kg              |
|  |  | £70k               | 20-22 weeks        | 36 kg                |

**CONSCIENCE OVER COST OR COST OVER CONSCIENCE**



Our journey has only just begun ...

NAYLOR

Our challenge

Our journey to  
**NET ZERO CARBON**

Be a part of it!

QUANTIFICATION STRATEGY IMPLEMENTATION MONITORING IMPROVING