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Net Zero Carbon Policy 2024

Rilmac's Net Zero Approach

Rilmac are committed to reducing emissions wherever possible.

As a Group of Companies, we can collectively make a difference.

We have and will influence sister companies to adopt net zero practices.

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Corporate Responsibility & Accountability

- Installation of solar panels
- Electric and Hybrid fleet
- On-site charging points available
- Support for cyclists who commute by bike
- Hazardous Waste Transfer Licence through Rilmac Insulation Ltd.
- Target to go ‘paper free’ using tablets and smartphone apps where permitted
- Digital payroll, electronic management system on site and internal communications via new software

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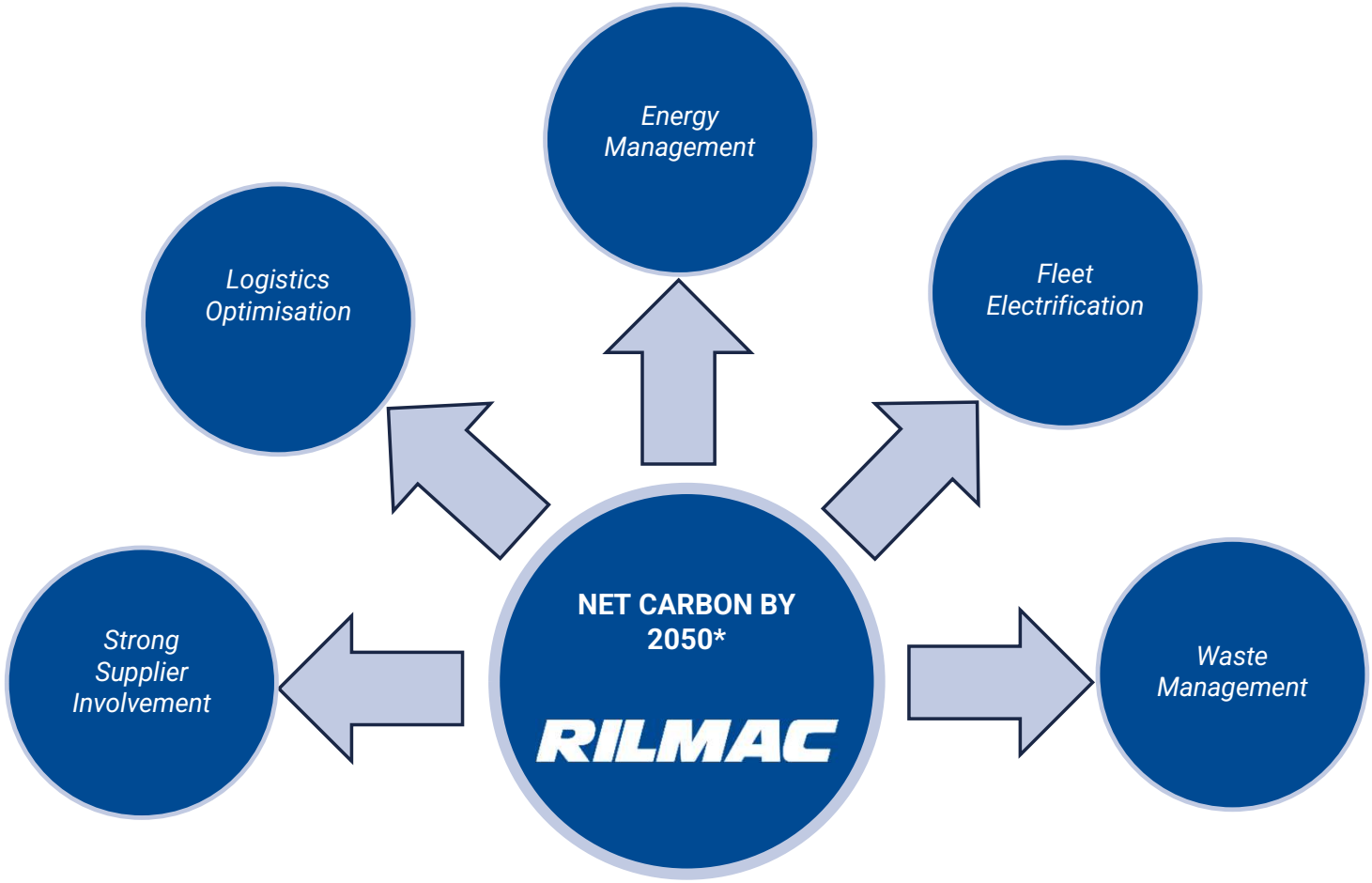
Rilmac's Net Zero Goals



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Project Objectives

Phase One Scope

- 2024 Scopes 1 & 2 carbon baseline across all operations
- 2024 Scope 3 emissions through MRP spend analysis
- Impact of the business streams to enable meaningful recommendations for improvement to be made
- A summary of opportunities for improvement across scopes 1, 2 and 3

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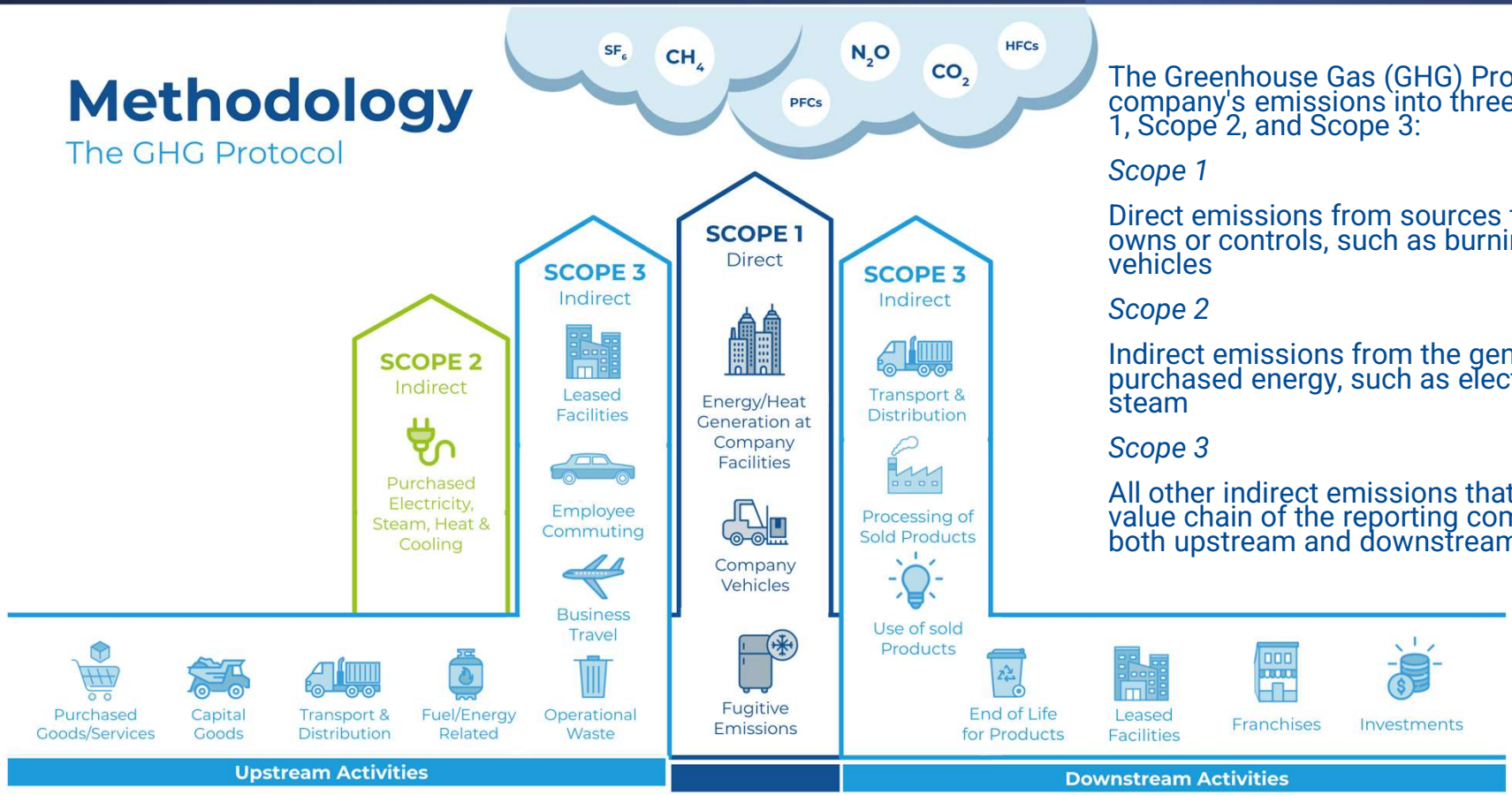
The Scope of Greenhouse Gas Emissions



The Greenhouse Gas (GHG) Protocol classifies a company's emissions into three scopes: Scope 1, Scope 2, and Scope 3:

Scope 1

Direct emissions from sources that a company owns or controls, such as burning fuel in vehicles

Scope 2

Indirect emissions from the generation of purchased energy, such as electricity, heat, or steam

Scope 3

All other indirect emissions that occur in the value chain of the reporting company, including both upstream and downstream emissions

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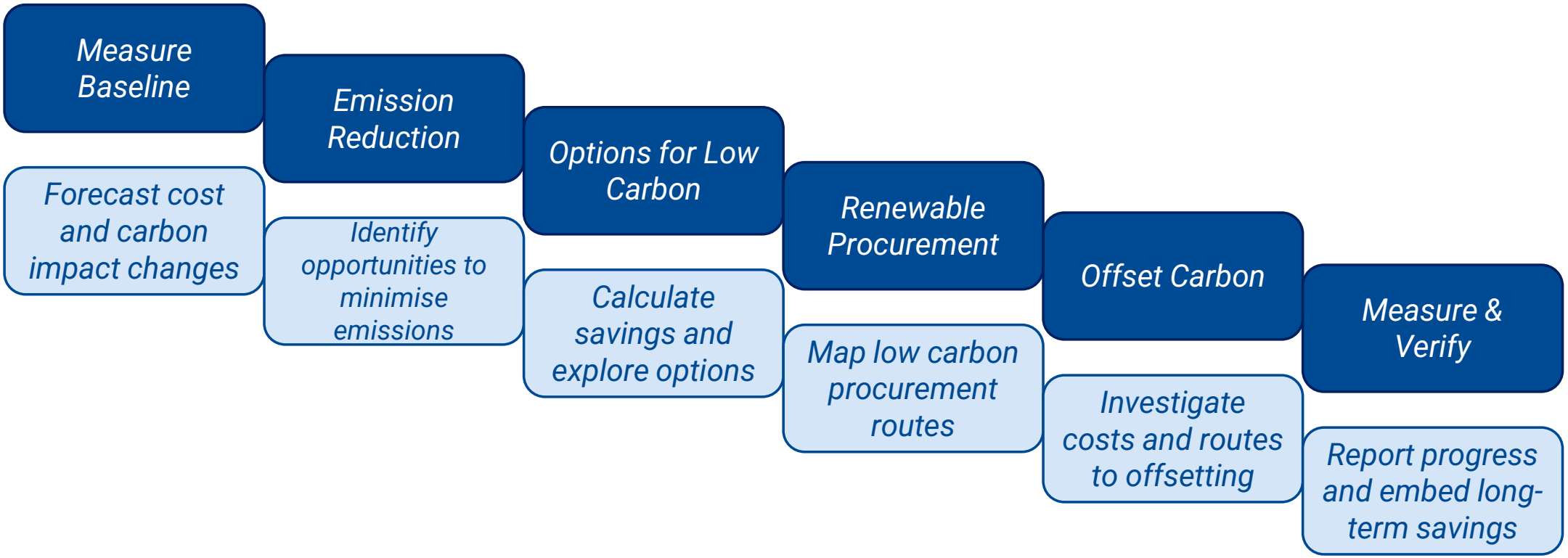
Steps to Achieving Net Zero Emissions



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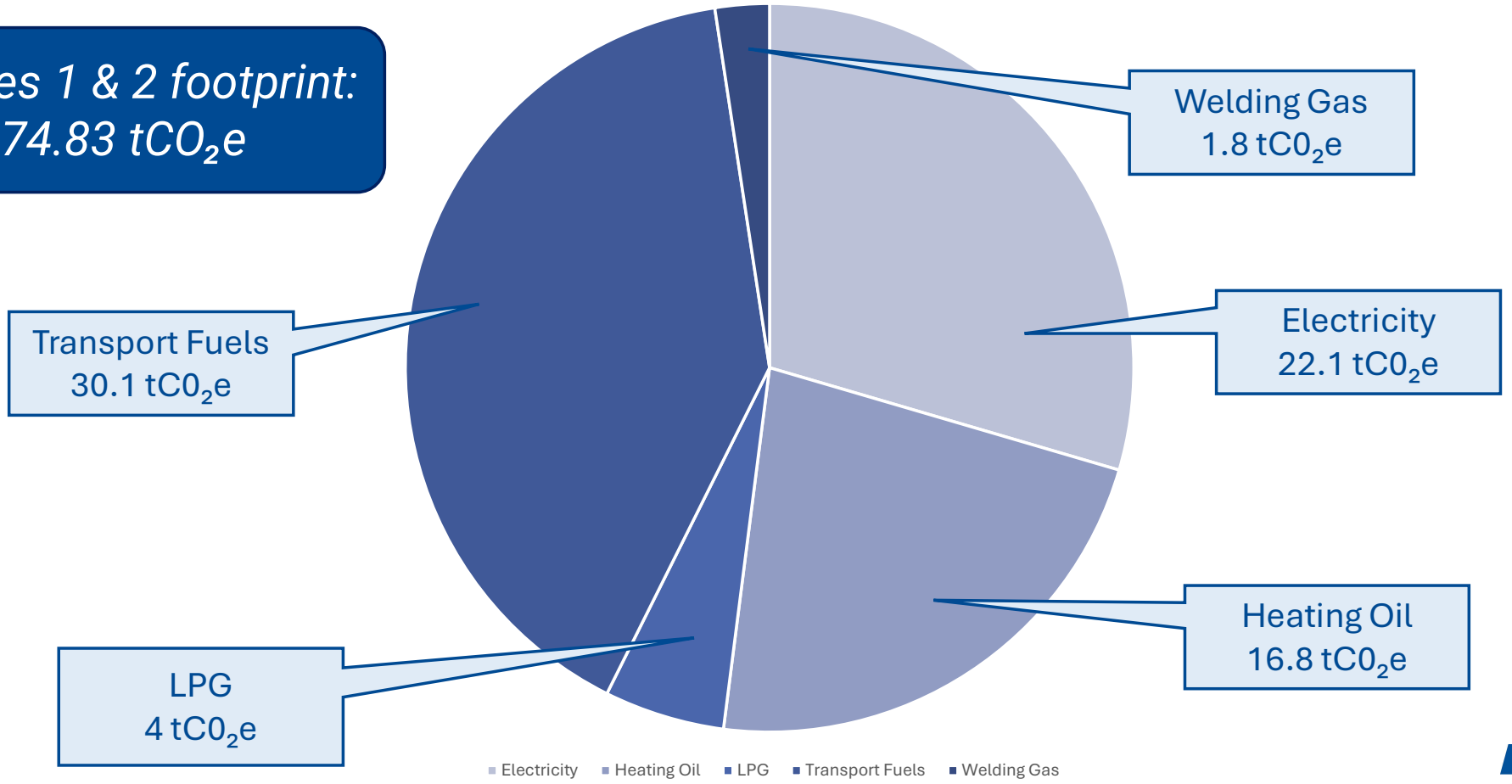
Carbon Footprint 2024

Scopes 1 & 2 footprint:
74.83 tCO_2e



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Scope 3 – Company Spend Breakdown

Company Spend		Total Spend	Emission Calculation - tCO_2e
Purchased Goods & Services	£	4,490,783	2,736
Capital Goods	£	337,295	58
Operational Waste	£	434,192	693
Business Travel	£	42,388	26
Downstream Distribution	£	132,483	82
Scope 1 - Petrol, Diesel, Oil, Gas	£	257,287	
		£ 5.7m	***3,595 tCO_2e***

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Future Decarbonisation Options

UK Government is providing significant funding into low carbon technology for transport as part of the transport decarbonisation plan

Hydrogen

- Government approved the used of hydrogen combustion engine on UK roads
- JCB's developmental hydrogen combustion engine powered backhoe loaders
- Hydrogen storage occupies less space than diesel storage due to it's 2.5 x greater energy density
- Hydrogen storage has safety and legal implications, which will need to be assessed

Bio-LNG

- Volvo has developed bio-LNG powered trucks capable for long distance haulage
- Performance is similar to diesel equivalent engine

Electric

- UK electric vehicle infrastructure strategy set up by Department of Transport
- Further development required for heavy plant equipment

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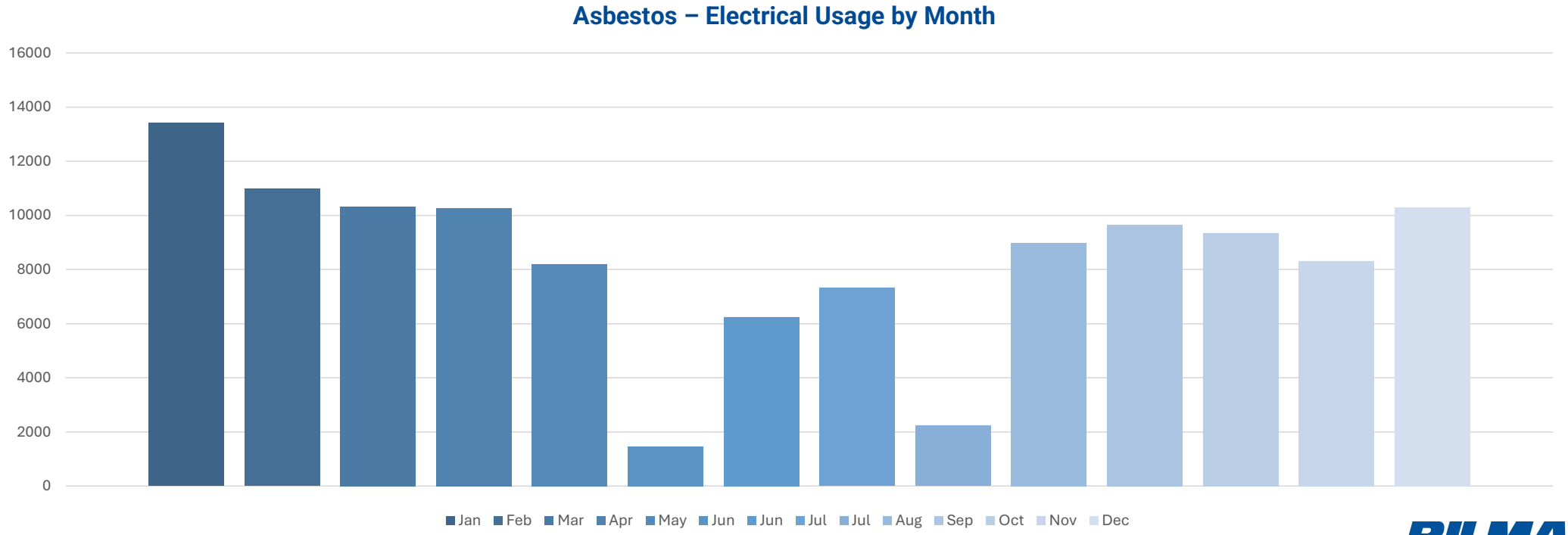
Asbestos – Energy Usage Analysis

From the Hourly Electrical data shared, Rilmac Insulation and Asbestos Services used 117,042kWh with electrical loads ranging from 68.7kW to 0kW. The average hourly load across the full year was 13.36kW



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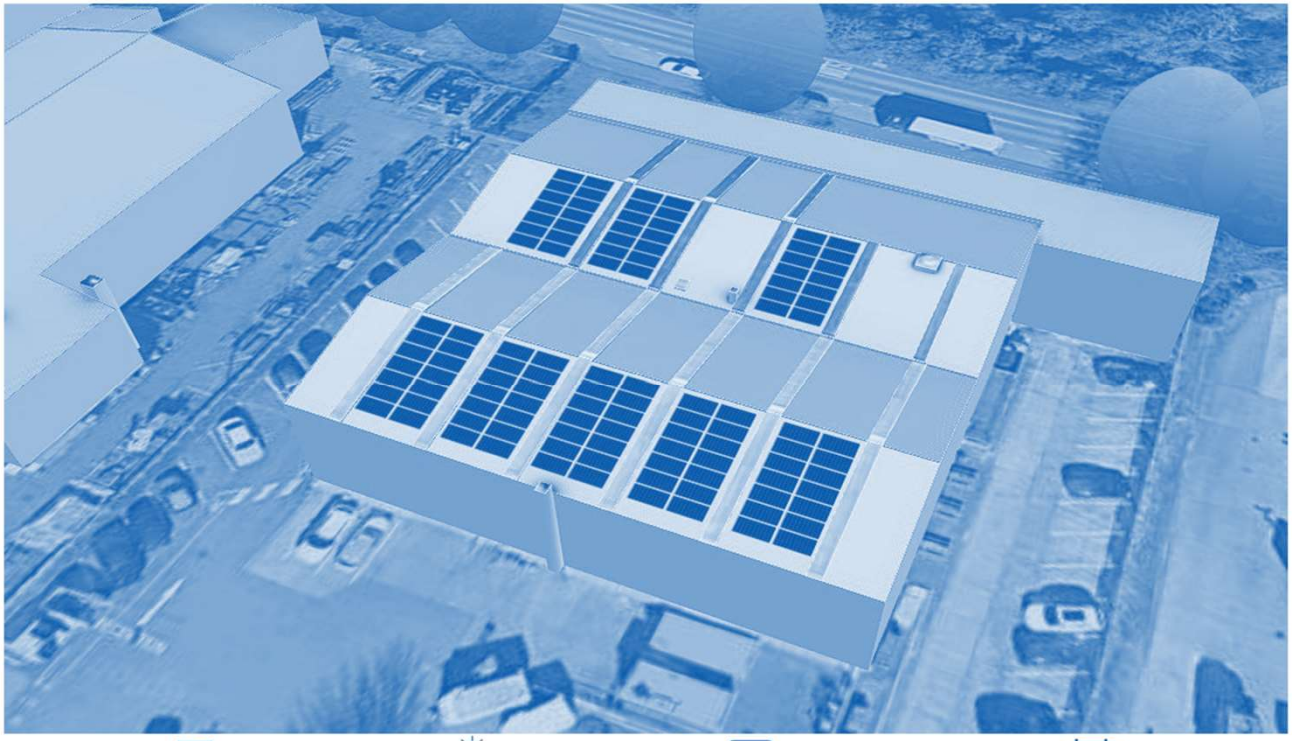
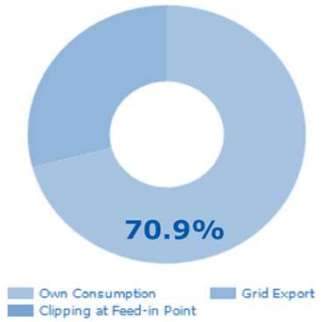
Solar Panel Impressions

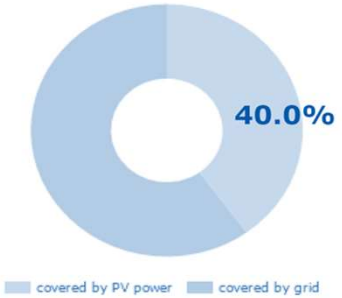
System Cost	Internal Return Rate	Payback Period	Year 1 Savings	25y System Profit
£35,500 *(Ex VAT)*	43.28%	2.4 years	£14,725	£451,076 *(3% Inflation Rate)*



PV Generator Energy (AC grid)



Total Consumption



Day Rate: **26p/kWh**
Export Rate: **12p/kWh**

Solar Panels	Array Size	Inverter Size	Annual Energy Production
112	65.52 kW	50 kW	67.30 MWh

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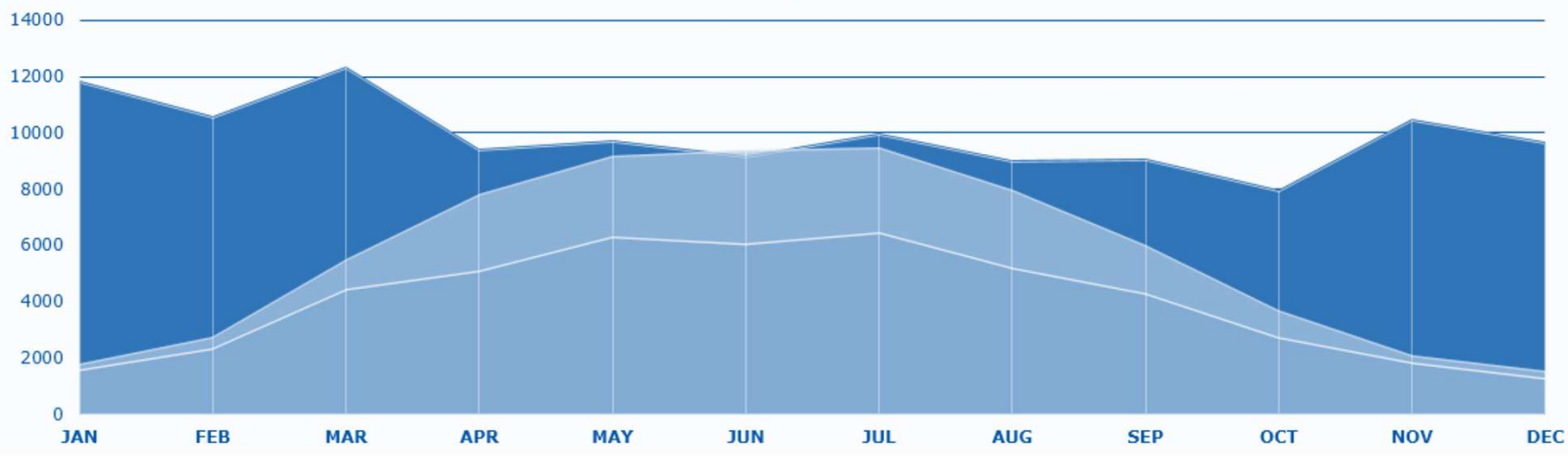
Solar Panel Impact

Installing 65.52kW of solar panels will allow Rilmac Asbestos to generate approximately **40.0%** of their site's annual electricity demand rather than importing this electricity from the grid. This annually is equivalent to:

13.93
Tonnes

235,553
EV Miles Driven

874
Trees Planted



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Scope 3 Emissions Reduction

- Reducing resource use – design in low carbon – carbon awareness training
- Engagement with upstream and downstream suppliers to drive their carbon emission reductions

  - Request scopes 1, 2 & 3 data from top suppliers
  - When negotiating with suppliers, include sustainability requirements
  - Procurement of low carbon alternatives – e.g. renewable energy guarantees of origin
  - Request Environmental Product Declarations, Chain of Custody Certifications and renewable energy certificates
  - Engage suppliers to complete a self-assessment, create an action plan and use free resources to address gaps in their approach

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Data Source Review

Data Type	Good / Bad	Accessibility	Data Source
Electricity	Good	Good	Utilities
Transport Fuel	Good	Good	Spend Data, Radius Velocity Report
LPG Data	Bad	Bad	Spend Data
Waste Data	Good	Bad	PDF's
General Spend Data	Bad	Good	Data Procurement System

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Conclusion

- Suggest using a business-wide software platform to help organise data – such as the NatWest Carbon Planner
- Implement standardised product code system across the business
- Review internal data collection process (e.g. difficult to get breakdowns easily)
- Reducing resource use – designing in low carbon – carbon awareness training
- Engagement with upstream and downstream suppliers to drive their carbon emission reductions
- Investigate carbon reduction opportunities – such as diesel and LPG fuel switch to hydrogen and electric and solar panel installation

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Next Steps

- Phase 2 analysis in greater detail – full scope net zero carbon roadmap
  - Development of carbon reduction opportunities
  - Refinement of Scope 3 assessment
  - Target Setting for 2050
- Phase 3 – development of carbon calculator
- Energy Savings Opportunity Scheme & Streamlined Energy & Carbon Reporting to be completed

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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 the board of directors (or equivalent management body).

Signed on behalf of Rilmac Group of Companies

Steve Baxter

Group Managing Director

Michael Woods

Managing Director

Tom Walker

Director

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