

Your Trusted Partner.

WHAT WE DO

Energy Efficiency

Specialists in energy efficiency and strategy development in industrial and commercial facilities, across a wide variety of sectors.

Scope Three Focus

Experience of quantifying supply chain CO2 and devising solutions to these more challenging emissions, giving clients a competitive advantage.

Delivering Carbon Reduction

12 years of delivering operational reviews and proposed decarbonisation strategies to industrial and commercial facilities which has resulted in a **reduction of over 1 MTCO2e (Million Ton of Carbon Dioxide equivalent)**.



Energy Efficiency and Strategy

Process review and optimisation

Energy and water auditing, management and optimisation

Energy and water projects

- Project identification
- Feasibility study
- Investment grade business case and preliminary design
- Development of investment grade business
- Project management through detailed design, construction, and commissioning

Principal designer and contractor under CDM

Net zero strategy development

Scope 1, 2 & 3 emissions and carbon accounting, including:

- Business travel and logistics
- Supply chain
- Waste and effluent
- Market-based and location-based emissions

Compliance Support for SECR, ESOS

Due diligence, legislative and regulatory advisory services

HOW WE DO IT

Proven Methodology

Carbon Management and Reduction Planning (CMRP)

MOBILISE



- > Gain organisational support
- > Secure resources
- > Identify information sources
- > Create a project plan

BASELINE



- > Set Scope
- > Calculate emissions baseline
- > Prepare emissions forecast
- > Document vision and record targets

OPTIONS



- > Identify emissions reduction opportunities
- > Determine prioritisation
- > Incorporate best practice

PLAN



- > Decide forward strategy
- > Agree actions to commit to
- > Ensure carbon management is embedded

IMPLEMENT



- > Make the plan work
- > Capture the benefits
- > Conduct annual review
- > Update plan
- > Celebrate successes

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CASE STUDIES



Confidential Distilling Client

Synergie Environ Ltd (SEL) undertook a comprehensive review of our clients' six distillery portfolio and identified a range of projects to cut emissions and energy costs identified by a range of measures.

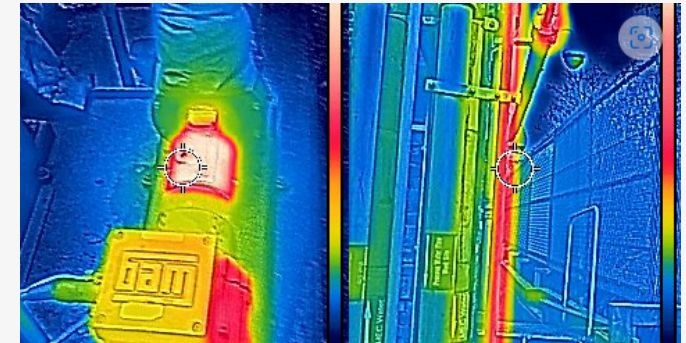
Outcomes - energy costs reduced by 37% per year, energy consumption reduced by 3 GWh per year and carbon dioxide equivalent (CO₂e) emissions cut by over 6K tonnes per annum.



Well-Safe Solutions

Well-Safe Solutions (WSS) provides ground-breaking approaches to the safe and cost-efficient decommissioning of onshore and offshore wells. As part of WSS' promise to deliver safe, smart, and efficient ways of working for its clients, and support the governments net zero targets, WSS has appointed SEL/PD&MS to carry out a Carbon Management and Reduction Plan (CMRP) on their assets and headquarter's building.

SEL baselined emissions for Scope 1, 2 & 3, and then worked with WSS to look at the options available to support their decarbonisation objectives and provide outline costs as well as the carbon saving for each option.



Brewing Carbon Assessment (LCIP Project)

SEL undertook a comprehensive analysis of a brewing client's carbon emissions across their estate. This included:

- Assessment of existing consumption (baseline)
- Energy consumption reduction recommendations
- Low carbon energy alternatives (including technical & economic modelling)

Outcomes - the client progressed the report to the next stage of the LCIP application funding based on SEL's solution which is currently being reviewed.