

# Project Summary March 26



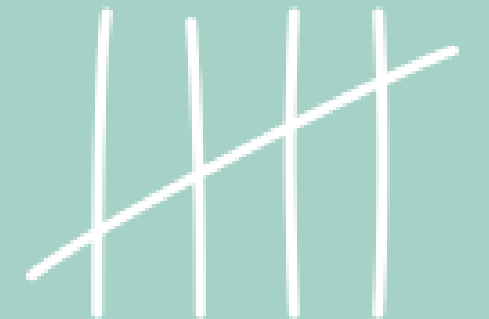
Project:  
**Embedded  
Energy  
Management  
Support**



Industry: **Local  
Government /  
Public Sector**



Locations:  
**Lewes, Seahaven,  
Peacehaven,  
Seaford,  
Ringmer**



Number of  
sites:  
**8**

# Challenges & Approach



## Timeline:

- Initial 12-week embedded placement
- Full portfolio energy & carbon baseline established
- Physical site surveys conducted across all non- domestic properties
- FM staff training delivered
- Findings presented to senior officers & cabinet members
- Funding for phase 2 successfully secured
- Extended contract awarded to support implementation of 33% savings



## KEES Approach:

- Contracted as embedded Energy Engineer — embedded within the council rather than operating as a remote consultant
- Established full baseline energy and carbon metrics across all leisure centres, swimming pools and the Marine Workshop (Grade II listed, converted 2019)
- Conducted physical site surveys across all non- domestic council properties
- Designed and delivered bespoke training for Facilities Management staff covering AHU settings, boiler controls and energy monitoring
- Translated technical findings into boardroom- ready recommendations for senior officers and cabinet members
- Recommendations used to build a successful funding application



## Key Findings:

- No established energy or carbon baseline existed across the portfolio
- Equipment operating 24/7 and set-points applied to several equipment not in line with operational hours
- The Marine Workshop (Grade II listed) presented specific constraints as a converted historic building
- Technical findings needed translation into clear, accessible recommendations for non- technical decision-makers
- Energy and carbon data was not being used to inform operational decisions

# Achievements

The initial 12-week embedded placement delivered a complete energy and carbon baseline across Lewes District Council's entire non-domestic portfolio, including leisure centres, swimming pools and the Grade II listed Marine Workshop.

A 33% reduction in energy consumption and associated carbon emissions was identified — representing significant cost and carbon savings for the local authority.

KEES was subsequently awarded an extended contract to support implementation of the identified measures and realise the full 33% saving.

Facilities Management staff were upskilled through bespoke training, enabling them to independently manage AHU settings, boiler controls and energy monitoring systems — embedding long-term capability rather than ongoing dependency.

Findings were presented directly to senior officers and cabinet members. The resulting recommendations were used to successfully secure external funding to support implementation.

**33%**

**Energy & carbon savings identified**

Across full LDC non-domestic portfolio

**12 wks**

**Initial project delivery timeline**

From kick-off to full baseline & recommendations

**100%**

**Portfolio coverage**

All leisure centres, pools & Marine Workshop surveyed

**Funded**

**External funding secured**

Based on KEES findings & recommendations

# Testimonial

## *Testimonial*



**Kate Richardson**

**Sustainability Lead, Lewes District  
Council and Eastbourne Borough Council**

*Having a dedicated person, local to the council, with the energy engineering skills and knowledge to identify and articulate how best to achieve our ambitions to reduce operational costs whilst achieving our broader environmental policy objectives, has been fabulous.*

*We now have a better understanding of what is achievable in the short and medium term, as well as options for how we could commercialise projects needing investment.*