



Design

# Salix Low Carbon Skills Fund (LCSF) Heat Decarbonisation Feasibility Plans

A joint venture between  
West Sussex County Council  
(WSCC) and Norse Consulting

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## Issue

- Climate Emergency declared
- Lack of in-house expertise
- Need access to funding streams to meet ambitious Net Zero targets
- Large range of corporate estates to survey

## Project

- M&E engineers attended 50 sites across West Sussex to create individual site-specific feasibility plans, which subsequently supported the overall Heat Decarbonisation Plan summary for Salix submission.
- Buildings assessed included: Care Homes, Libraries, Offices and Fire Stations

- A holistic review of the buildings was undertaken which looked at: current energy consumption, analysis of building and its fabric, assessment of M&E infrastructure, an in depth analysis of energy saving opportunities

## Solution

- Feasibility report submitted to allow access to funding
- Increase in clients knowledge of what's require to decarbonise its built environment
- Suggested short term and long term energy cost savings
- Improved public perception of local authorities' efforts to preserve environment through reduction in carbon emissions

The project will contribute towards reducing WSCC's carbon emissions and therefore assist with working towards achieving a net zero carbon status if the feasibility studies are implemented. The implementation of LZC technology and building fabric improvements at WSCC could result in a 82% reduction in carbon emissions by 2030 when compared to the current building emissions.

Paul Cockaday



## Contact

**Richard Gawthorpe** BSc, MRICS

**Group Business Development Director**

**E:** richard.gawthorpe@norsegroup.co.uk

**M:** 07702 556965



[norseconsulting.co.uk](http://norseconsulting.co.uk)