



CASE STUDY

Making rural holiday homes fit for the future.

Set in the rolling countryside of Lincolnshire, an extensive farming estate aims to become a go-to destination for UK holidaymakers looking for a quiet, green getaway out in the country.

The estate includes a number of rural properties that have been in the process of refurbishment for just this purpose – including a recently completed barn and farmhouse annex. The challenge was to retain the character of these buildings, while bringing them up to date in terms of heating and hot water comfort for guests, as well as efficiency and reliable performance – all while enhancing the sustainability of the heating system across the properties.



Beauty and comfort, inside and out.

As holiday rental properties, there was a clear focus on aesthetics and comfort throughout both of the buildings. And, while not being particularly large, they needed to blend rural looks with striking design throughout, to maximise both desirability and – as a direct result – commercial viability for the owners.

The refurbishments were completed to a very high specification for these very purposes, including high-quality, high-performance thermal insulation. When it came to the heating systems themselves, though, with a view towards sustainability, while heat pumps were considered, their high installation costs, space requirements and complexity, given the aged nature of the buildings, together presented too much compromise, commercially and aesthetically. Instead, a solution was required that would combine compactness, comfort and commercial benefit...



HVO's renewable nature definitely impressed on this project – and I think that, in my area, it will be a very popular product.

– Jason Birch *Birch (Lincs) Ltd.*

A smarter solution for more sustainable staycations.

Working with expert local installer Jason Birch, the owner saw the all-round benefits of installing the Navien **LCB700 Blue Flame HVO-ready** oil boiler, together with HVO tank, across both finished properties. Key to this was its compatibility with hydrotreated vegetable oil (HVO) as a fuel source: a key solution for more sustainable living, and ideal for the estate's rural location and high demands, particularly given the ease of transitioning to it from conventional fuels.

Alongside HVO compatibility, the **LCB700's** future-proof **Blue Flame technology**, which delivers superior efficiency and ultra-low NOx emissions, added to a greener option for the properties. Meanwhile, its space-saving design minimised any intrusion on the buildings' aesthetics, while its lightweight construction made installation easier and more flexible for the engineers.

Coupled with the additional ease of smart controls and intuitive operation, and its robust, reliable build quality, it presented the ideal balance of advantages – while

also benefitting from straightforward installation, with the process virtually identical to installing existing boiler technologies.

This balance, itself, was critical to the owners' decision: rather than take the risk of switching straight to heat pump technology, the HVO-ready LCB700 represented familiar technology with a next-generation twist – a smarter and more sustainable option, thanks to cutting-edge, environmentally friendly performance and HVO compatibility. Altogether, playing its part in a future where holidaymakers can enjoy both beauty and comfort in the heart of the British countryside.

Looking for a compact heating system that brings comfort, performance and sustainability to your home? Learn more about the Navien **LCB700 Blue Flame** HVO-ready oil boiler at:

navien.co.uk/product-category/oil-boilers/

