

Green BELLE Case Study: Airbourne Colours Ltd

Airbourne Colours Ltd is an SME based at East Midlands Airport, which specialises in painting and repainting aircraft.

The high-bay lighting used in the company's aircraft hangers was old and inefficient. Switching to LEDs saved the equivalent of over 26 tonnes of carbon dioxide in the first 12 months alone. That's the same as the annual emissions from eight homes.

Green BELLE provided Airbourne Colours Ltd with a maximum grant of £10,000. This covered around 40 per cent of the cost of replacing the lighting.

LED lighting is available in a wide range of colours. White LEDs are particularly effective in applications where colour matching for painting or printing is important.



The newly installed LED high-bay lighting.
Photograph © Airbourne Colours Ltd

As well as reducing its greenhouse gas emissions, Airbourne Colours Ltd will save over 50 percent on the cost of electricity used for lighting the hangers, thanks to the high efficiency of the new LED fittings.

Green BELLE was part-funded by the European Regional Development Fund and was administered by Leicester City Council with support from Leicestershire County Council. The scheme provided grant funding to eligible SMEs to install energy efficiency measures from 2017 to May 2023.

For more information, visit www.greenbelle.org.uk and www.leicester.gov.uk/your-council/policies-plans-and-strategies/energy-efficiency/