



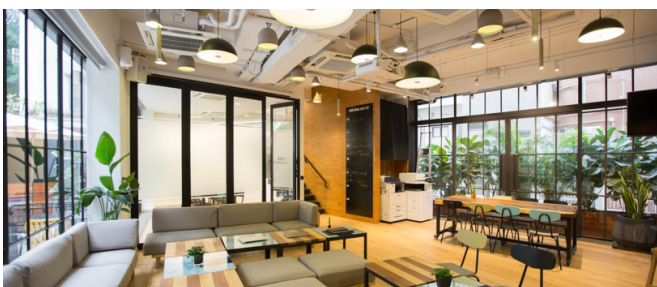
Steve Osborne
Managing Director,
Melford Technologies

As we transition to greener technology in many aspects of our lives, businesses are increasingly exploring how they can make their new and existing premises sustainable for the future.

Savills, a leading UK estate and lettings agent, have stated that sustainable building practices have been a central focus in 2024, with office refurbishments in London looking to increase from 35% to 43% between 2023-2027, and reflecting a response to more stringent environmental regulations and a desire to decarbonise building portfolios.¹

Similarly, recent research from Swedish bank Handelsbanken shows that 72% of UK property investors welcome raising minimum EPC rating to A for their commercial lettings, the highest level achievable.²

With a drive to more sustainable working environments, businesses are also looking at the technology used within their facilities to support their corporate responsibility and sustainability goals, and the desires of their staff and customers.



What should you consider when evaluating sustainable digital solutions?

Given the always on or high usage requirements of digital technology for many businesses, the most effective sustainable solutions focus on reducing power requirements, removing the need for mains power at all times or directly utilising renewable energy generation.

However, these solutions also need to meet their main purpose – good display quality for example is essential for informing staff and promoting important content. Sustainable digital solutions also need to be flexible, able to adapt to specific indoor and outdoor locations with different screen size options and mounting capabilities.

What sustainable digital solutions are available?

Low power solutions, such as highly efficient [e-ink displays](#), are an increasingly popular option as they are able to constantly display important public information, whilst using 36 times less power than a traditional LCD display. This is thanks to innovative e-paper technology that only updates when content needs to change, meaning digital content can be displayed for long periods of time with minimal power usage.

An approach that supports relocation on demand as well as reduced power requirements are battery-powered solutions, such as [mobile kiosks](#) or [a-board displays](#). These solutions can operate for 24 hours or more from a single charge, during which time mains power can be switched off or utilised to power other digital solutions, increasing your power efficiency.

Some digital solutions can even utilise renewable energy directly to become truly self-sufficient, for example solar-powered [e-ink displays](#) or [taxi top displays](#). Solutions such as these are capable of using direct sunlight to meet all of their power needs, storing excess energy for use when sunlight is not present.

Melford provides a versatile range of proven sustainable digital solutions – including e-ink displays, mobile kiosks, a-board displays, taxi top displays and more. If you would like to discuss how we can tailor an eco-friendly solution that meets your business needs, contact us today for a chat.

High efficiency e-Ink display technology



Designed to be highly efficient and eco-friendly, our e-ink displays make use of the latest e-paper technology to deliver high quality imagery and messaging across a range of indoor and outdoor locations.

[Learn more](#)

Sources

¹ <https://www.savills.co.uk/blog/article/355271/commercial-property/real-estate-sustainability-priorities-in-2024.aspx>

² <https://www.handelsbanken.co.uk/en/about-us/insights/property-insights>