

# IET sustainability skills survey 2023 summary

## Measuring the sustainability skills challenge

A survey of over 2000 engineering employers across the world, conducted by YouGov, found that the UK's ambition to be a world leader in AI and sustainability is hampered by the lack of adoption of digital technologies. A whole system approach is needed to ensure the UK has the skills to be internationally competitive.

## Recommendations

- Net zero needs the trifecta of an industrial strategy, innovation funding, and support for upskilling the UK workforce to become more internationally competitive.
- Agility and whole-systems thinking are key skills for reaching net zero and adapting to climate change, and more should be done to encourage this in the workforce.
- Industry confidence in the UK's education pipeline is remarkably low by international standards - greater collaboration between industry and universities is required targeting placements in areas of critical skill deficit such as nuclear technologies and digital twins.
- Employers are missing an opportunity on digitalisation and net zero. Government should help facilitate upskilling in the sustainable use of technologies such as AI and digital twins.

## Skills gaps



However, UK is the nation least likely to offer training in;



new technologies (15%), and manufacturing (9%) sectors.



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#### **Education system**



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#### Methodology

1,007 adults working in engineering employers in the UK. Fieldwork was undertaken between 21 August – 5 September 2023. The survey was carried out online.

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