

The UKRI logo consists of the letters 'UK' stacked above 'RI' in a white, bold, sans-serif font, set against a dark blue square background.

UK
RI



Innovate
UK

An aerial photograph of a large solar farm. The solar panels are arranged in neat, parallel rows that recede into the distance, creating a strong sense of perspective. The panels are dark blue with visible grid lines. The ground between the rows is a mix of green grass and brown earth. A road or path runs horizontally across the middle of the image, separating the two main sections of the solar array.

Welcome

A panoramic view of the London skyline at sunset, featuring prominent skyscrapers like the Shard and the Gherkin. The image is overlaid with semi-transparent digital graphics, including concentric circles and glowing arcs, suggesting a focus on technology and innovation.

Realising the Potential of the UK Clean Air Tech Sector

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Innovate UK

- Part of UKRI
- We are the UK's innovation agency
- We support business-led innovation in all sectors, technologies and UK regions
- A key delivery body of the Government's Innovation Strategy

Our Mission

To help UK businesses grow through the development and commercialisation of new products, processes, and services, supported by an outstanding innovation ecosystem that is agile, inclusive, and easy to navigate.



The Clean Air Challenge


- Pollution contributes to chronic health conditions such as asthma, coronary heart disease, stroke and lung cancer. It impacts quality of life, damages buildings, lowers crop yields, and harms ecosystems
- Most disadvantaged communities tend to experience the highest exposures.
- Globally, 9 out of 10 people breathe a mixture of toxic pollutants responsible for an estimated 8 million premature deaths and nearly \$5 trillion in welfare costs—equivalent to 6% of global economic output.
- In the UK air pollution is a public health emergency, responsible for up to 36,000 early deaths a year in the UK. Estimated annual cost of £20 billion to health services and businesses



What is Clean Air Tech?

“*Clean Air Tech* is any application of technology which **monitors** harmful air pollutants or results in cleaner air, both indoor and outdoor, through **prevention, mitigation, or control** of harmful airborne pollutants.”





The Clean Air Tech sector is predicted to expand at a compound annual growth rate of 7.8% between 2023 and 2030.


Future Data Stats, Clean Air Technologies Market Report

Global Clean Air Tech Market Opportunity

- Genuine and buoyant worldwide market for solutions
- Global Clean Air Technologies market size estimated as USD90.89 Billion in 2023.
- Predicted to expand to USD162.49 Billion by 2030
- Key growth drivers of the Clean Air Technologies market include rising concerns about air pollution's impact on health, stringent emission regulations, and the demand for sustainable solutions across various industries

Positioning UK businesses to deliver global impact?

- Clean Air Strategic Priorities Fund has directly funded 24 businesses. There are great examples here today.
- The Clean Air Tech sector cannot be optimised on its own or by one entity- it operates in a complex system of impacts, technologies, regulations, use cases and markets.
- Innovate UK, UKRI, Central and Local Government, industry, academia, health professionals and the public are needed to develop a cohesive Clean Air Tech sector
- Co-ordinated and cross-sectoral communication is required to build credibility and visibility- nationally and internationally

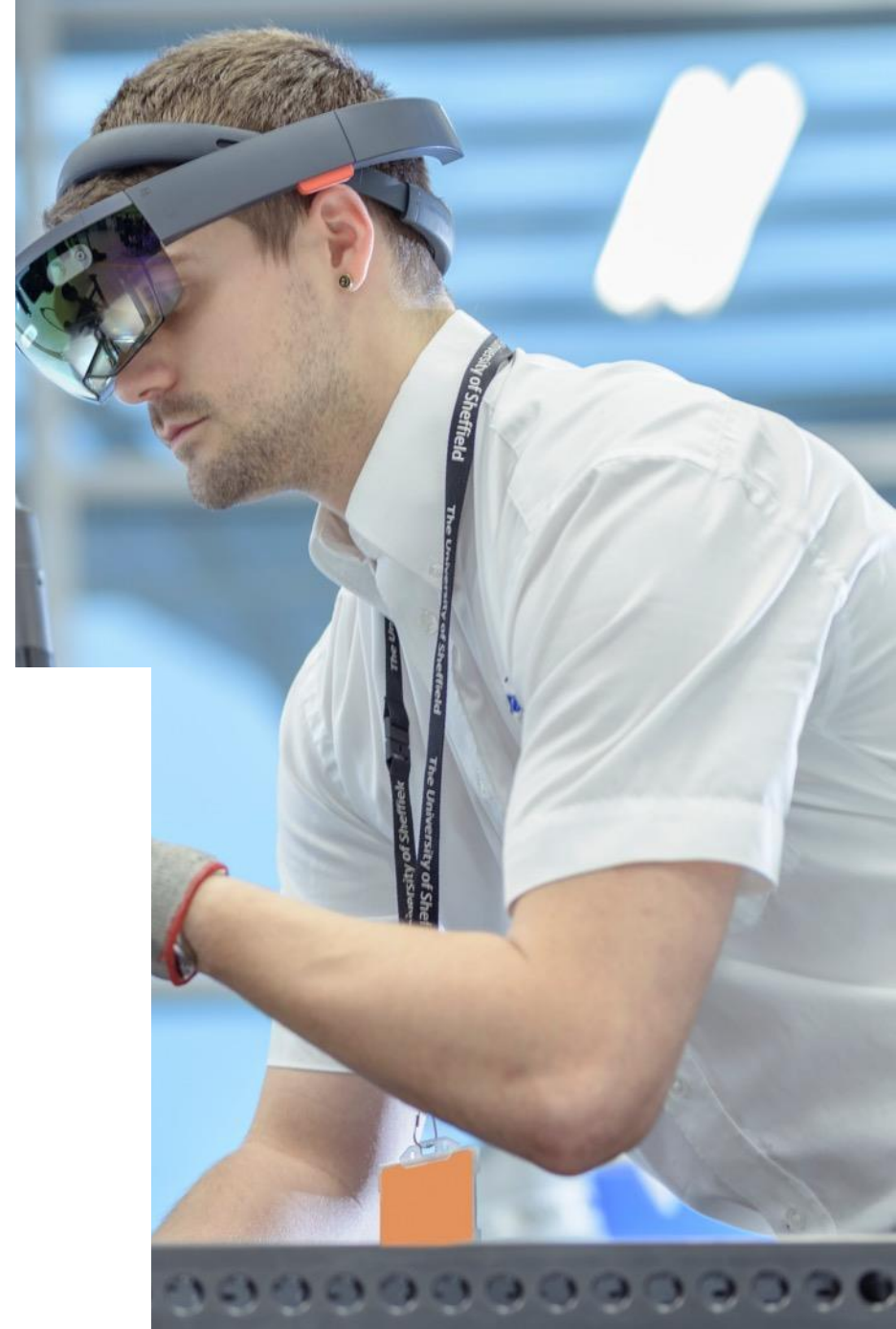


“A cohesive Clean Air Tech sector would bring together the entire Clean Air Tech ecosystem to drive investment, innovation and public awareness on the importance of tackling air pollution.”

Clean Air Tech Sector Report

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Download the Clean Air Tech Sector Research Report

- Read the research report <https://bit.ly/3AxoRX3>



Thank You



Questions?

