# Press release

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## New techUK report highlights recent green digital innovations

- *techUK members are using digital technologies to achieve net-zero targets*
- *40% of the global tech sector have signed up to the Race to Zero campaign*

**LONDON, 4 November 2021:** As tech companies continue to push the boundaries of what is possible in digital technologies, techUK is today publishing a new report showcasing the technology innovations that are contributing to a greener society and economy to achieve net-zero targets by 2050.

As tech has become embedded in all parts of the economy it has contributed 2-3% of global emissions, but digital innovation can also bring the solution to net-zero forward. The report, *'Climate Tech: The Innovators'*, includes insights from some of the UK's leading digital innovators on the role of emerging digital technologies (Internet of Things, Quantum, Geospatial, Cloud, AI, Blockchain, 5G, Digital Twins) in the global transition to net zero.

The collection of seminal essays from techUK members form a unique and essential briefing for representatives at COP26 and for anyone engaged in this most urgent challenge.

The essays explore eight key areas:

- Using the Internet of Things to deliver sustainable solutions
- How quantum computing can help tackle climate change
- Using geospatial to support climate action and improve resilience
- Blockchain-enabled supply chain traceability
- Green Cloud: How collaboration is unlocking the green potential of cloud computing

> Digital Twins: a new way to imagine, plan and manage the built environment

> Unlocking 5G connectivity for climate action

> AI in the Race to Net Zero

The report is an initiative developed by techUK's Environment and Market Access programme in observance of COP26.

**Craig Melson, Associate Director for Climate, Environment and Sustainability, techUK said:**

"The latest report from the Intergovernmental Panel on Climate Change has stressed the severe consequences we face if the narrow window to avert a rise in temperature of more than 1.5C is not immediately grasped. Solutions are required at a systemic level to transition the real economy and the lives of millions.

"The techUK members' innovations highlighted in this report show how developments in digital technologies are pushing the boundaries of what is possible, bringing us a step closer to a zero-carbon economy. The tech sector is inherently innovative and with the science setting out so clearly what needs to change we must all come together to prepare for what comes next and deliver a better future for our planet."

**-ENDS-**

**Notes to Editors**

40% of the global tech sector, including techUK, have signed up to the Race to Zero, the campaign that rallies leadership from businesses and regions to unlock sustainable growth.

**Media Contacts:** Margherita Certo | T 07462107214 | E margherita.certo@techuk.org

The full report can be downloaded here.

## About techUK

techUK is the trade association which brings together people, companies and organisations to realise the positive outcomes of what digital technology can achieve.

With over 800 members (the majority of which are SMEs) across the UK, techUK creates a network for innovation and collaboration across business, government and stakeholders to provide a better future for people, society, the economy and the planet.

By providing expertise and insight, we support our members, partners and stakeholders as they prepare the UK for what comes next in a constantly changing world.

techUK's Climate Action Hub