

# Decarbonisation survey: UK Materials and Manufacturing

## Information sheet

### Overview

We are carrying out a survey on UK companies' plans for decarbonization. Participation in the survey provides an opportunity to put your company's decarbonization programme in perspective and potentially get new ideas to develop it. We will explore the following:

- 1) How is your company setting **targets**, and making **plans** for decarbonisation right now? Do these targets factor in a ban on fossil fuels? Are they affecting company valuation?
- 2) Thinking about some key **technologies** that are widely thought to be part of the solution for decarbonisation: CCS, biomass and electrification – what are companies' plans? What would enable further uptake?
- 3) Do companies perceive a **limit to future electricity supply**? How can companies cut demand to match supply whilst growing as a sector?

We seek the views of professionals involved in decarbonisation planning, and manufacturing process innovation: **these will be treated as personal opinions, and not statements of company position.**

The study period is from September 2020 to March 2021. The principal output is a document, provisionally titled: Absolute Zero for UK Materials and Manufacturing, to be published for free download on the UK FIRES project website. See the reports we've already published here: <https://ukfires.org/reports/>

This survey is a part of a larger EPSRC funded research project “**UK FIRES: Locating Resource Efficiency at the heart of Future Industrial Strategy in the UK**”, conducted by: University of Cambridge (leader), University of Bath, University of Nottingham, University of Strathclyde, Imperial College and University of Oxford.

### What are the benefits of participation?

UK FIRES **Absolute Zero report** set out a framework for reaching net-zero 2050 using technologies that are commercially available today. Taking part in the survey will enable you to:

- Translate what UK's commitment to net-zero emissions means for your business
- Assess how ready your business and supply chain are for decarbonisation
- See how your responses compare to others in the UK Materials and Manufacturing supply chains.

### What does participation involve?

Participants will:

- 1) Fill out a short electronic form. This will involve answering a series of up to 12 multiple choice questions with options to provide written clarification if needed. This will require a time commitment of approximately 15 minutes.

Optionally:

- 2) Participate in a recorded 30 minute video call with a UK FIRES researcher(s) to discuss your responses to the online form. A short report will be prepared showing how your response compares to the distribution of others' responses.
- 3) Join a group innovation workshop with other survey participants and UK FIRES supporters, led by Professor Teppo Felin, Oxford Business School, using the Value Lab toolkit. The workshop is free of charge for those who have completed the electronic form.

### How will data be stored?

The electronic form will be hosted on Google Forms, and access to the unredacted survey responses will be strictly limited to the interviewing team: Christopher Cleaver, José Azevedo, Kirsten Saward and Robert Wilkinson.

The video call will use the video conferencing software Zoom, and will be recorded locally. Video and audio recordings will be stored on University of Cambridge One Drive cloud storage system with access strictly limited to the interviewing team.

Both of the above will be deleted at the end of the UK FIRES project (March 2024) or sooner.

### How will the results be used?

Results of the survey and quotes from the interviews will be published **anonymously** and attributed to the industry subsector (e.g. the iron and steel sector) provided this does not implicitly reveal either the participant's identity or the name of their company.