



Department for
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Department
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Food & Rural Affairs

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Dear Sir / Madam,

Invitation to participate in joint research project by the Department for Energy Security and Net Zero (DESNZ) and the Department for Environment, Food and Rural Affairs (Defra) research into the potential benefits from resource efficiency.

I am writing to seek your participation in a research project jointly commissioned by DESNZ and Defra to explore the potential benefits from increasing resource efficiency across UK industry.

This research will cover a range of critical UK industrial sectors. You have been identified as a key stakeholder relevant to the one of these sectors and as such your participation in this research would be invaluable to us.

Resource efficiency has the potential to deliver wide-ranging benefits such as reducing industrial carbon emissions and energy demand, reducing landfill, improving supply chain resilience and UK resource security, and driving economic growth and creating new UK jobs. This research will be critical to informing the UK government's ambition on resource efficiency in these areas and form a key part of the evidence base to inform the design of future policies to deliver this ambition. Participation in this research is therefore a great opportunity to inform future government ambition and action in this space.

Please note, for the purposes of this research, we define resource efficiency as any action that achieves a lower level of resource use for a given level of final consumption. This can occur at any stage of the supply chain including production, consumption, and end-of-life. Other aspects of the industrial decarbonisation pathway such as energy efficiency, fuel switching, CCUS and hydrogen are out of scope of this research project.

This research is being led by Eunomia, a consultancy specialised in resources and waste, who are working in consortium with the consultancy WSP and the University of Leeds. Eunomia will facilitate workshops to discuss the findings of a literature review and work to find consensus on the following points (note the research is not looking to develop RE policy proposals):

- 1.) Establishing a comprehensive list of different resource efficiency measures for your sector
- 2.) Estimating the current level of efficiency for each of these measures
- 3.) Estimating the maximum level of efficiency which could be delivered for each of these measures
- 4.) Estimating how the level of efficiency for each of these measures would be expected to change over time in the absence of further government intervention
- 5.) Understanding the drivers and barriers to improving resource efficiency in your sector

If you have any questions about the research or what your participation would involve, please don't hesitate to get in touch using the email resource.encyency.pri@eunomia.co.uk

Yours sincerely,

Professor Paul Monks FRMetS, FRSC
Chief Scientific Adviser (DESNZ)

Sarah Dimbleby
Deputy Director, Industrial Decarbonisation Analysis (DESNZ)

Tom Murray
Lead analyst for Environmental Quality directorate (Defra)