



Lloyds Banking Group

Journey to Net Zero

Work Sample Briefing

29th June 2023

reboot

[ENGINEER THE FUTURE]

Launched in 2018, Reboot Hackathons put the spotlight on technology and are **open to everyone**, whether you're an accomplished engineer, curious about technology or looking for inspiration around your career journey.

Reboot gives colleagues an opportunity to **collaborate** with each other to generate new ideas, **experiment** with new technology and take advantage of **learning** opportunities. Each Reboot Hackathon is different but includes:

A collage of images from Reboot Hackathons. It includes a woman in a black shirt holding a white object, a group of people working at a table with laptops, a man wearing a VR headset, a woman smiling, a group of people standing together, and a man presenting at a podium. There are also signs for 'Azure. Invent with purpose.' and 'Reboot Hackathon'.

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The collage features various scenes from Reboot Hackathons: participants working at laptops, a woman presenting a project, a group of people wearing VR headsets, a man giving a presentation, a group of people holding up a large screen, and a group of people standing together on a stage.

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The collage features various scenes from Reboot Hackathons: participants working at laptops, a woman presenting a project, a group of people wearing VR headsets, a man speaking at a podium, and a group of people holding up their project boxes on a stage. Banners for 'Azure. Invent with purpose.' and 'REBOOT HACKATHON' are also visible.

Lloyds Banking Bright Network Work sample Briefing- Journey to Net Zero

Following the UK Government's target of Net Zero carbon emissions by 2050, and the ambitions set out at COP 26 in Glasgow, sustainability is undoubtedly one of the key issues of the day. Yet transitioning to a green economy will mean short term challenges for many small businesses. Small and Medium Enterprises (SMEs) are firms with less than 250 employees. They play a vital role in sustainability, because of their significance to the UK economy.

- SMEs account for 99% of UK business
- Account for three fifths of employment in the private sector
- 50% of the total turnover of the UK's private sector

According to our client 360 survey, 13% of businesses still aren't aware of net zero, while 29% were beginning to explore what it means for their businesses. Most SMEs have recognised the importance of sustainability to the natural environment and to their future success.

Many say they have already started on their journey to Net Zero. For them, things such as cost, improving supply chain emissions and measuring what impact their business is having on the climate may not be easy, and they will likely require help and guidance along the way.

Resources

[From Now to Net Zero: a practical guide for SMEs \(lloydsbank.com\)](https://www.lloydsbank.com/From-Now-to-Net-Zero-a-practical-guide-for-SMEs)

[Sustainability is important to SMEs - Lloyds Banking Group plc](https://www.lloydsbank.com/sustainability-is-important-to-smes)

Lloyds Banking Bright Network Work sample Briefing- Journey to Net Zero

In this micro hackathon we want you to consider how we can use technological innovation to support SMEs in their journey to Net Zero Carbon Emissions

We are looking for solutions that will support these small businesses in their journey to Net Zero.

We believe the journey to Net Zero Carbon emissions is a shared endeavour. Sustainability will be achieved through sharing ideas and knowledge and collaborating with business partners up and down supply chains.

SMEs make up 99% of businesses; from Hairdressers to Toolmakers, Accountants to Gardeners. One of the challenges frequently cited by SME business leaders was a lack of guidance or understanding about how the journey to Net Zero applies to their sector.

Each business is unique, but within each industry there are common issues that can and should be addressed at a sector level.

The main barriers to SMEs in their pursuit of Net Zero are:

Finance - Insufficient budget; high cost: low return on investment

Control - Difficult reducing emissions outside of own operations

Assessment - Hard to measure environmental impact



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Key Deliverables:

In this scenario you are all hackers, trying to come up with technical solutions to problems are at the heart of the UK's response to climate change. We are looking ideas and potential solutions to support businesses at the heart of our economy.

A short presentation of no more than 4 slides. Please include:

Summary : why have you chosen a particular business type or sector to focus on. Demonstrate your research using the provided industry papers as to the challenge of your particular SME area.

Solution: If you have the capabilities to create the starting points of an app, website or technical solution please do. Otherwise feel free to create mock up, or wireframe or process map of how you see technology supporting the task.

Business model: consider the feasibility and scaling of your solution

Be sure to bring to life the 5 marking considerations:

- Technical Innovation
- Creativity
- Execution
- Design
- Business model

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Hackathon Scoring

At the heart of it a hackathon is a competition. Each hackathon can have specific scoring criteria, depending on the challenge.

The 5 key areas here provide a framework to how best present and consider your potential solutions

Total scoring is out of a possible 40

5 key areas

Technical Innovation - Did you come up with a good solution to the initial problem. Do you understand the problem and help support SMEs to improve sustainability and their journey to Net Zero. (Score out of 10 points)

Creativity - How creative were they in solving the challenge. Was it a radical idea or did it follow existing solutions. (Score out of 10 points)

Execution - Does the hack work? Is the Hack testable, and can the team show the minimum viable product. The hack doesn't have to be perfect, but does the idea come to life within the pitch (Score out of 5 points)

Design - Did the team think about the user interface (UI) and user experience (UX). How are the graphics or how is the human-computer interaction designed. (Score out of 5 points)

Business model - although it is a hackathon with a relative short period of time, the business model is something that can raise the level of the final ideas. Criteria like feasibility, scale and impact are part of the judging under the term Business Model. (Score out of 10 points)