

Assessing the Adoption of Sustainability Practices in UK Construction Project Management

We are inviting you to take part in a research study. Before you decide, it is important that you know why we are doing the study and what is involved. Please read the following information carefully.

What is the purpose of the study?

This research aims to understand how sustainability practices can be better incorporated into construction project management in the UK. It is part of a Masters study at the University of coln. The key question is how can sustainability implementation in UK construction project management be improved?

This is highly relevant to construction professionals like yourself. The industry faces increasing demands to reduce its environmental impacts but struggles to integrate sustainability amid deeply ingrained processes. Your experiences can shape realistic solutions.

The focus is specifically on sustainability adoption in UK building construction project management. This includes practices like energy efficiency, waste reduction, green materials sourcing, and sustainability monitoring. What are the barriers and drivers you face?

Your perspectives will inform recommendations tailored to the UK sector on advancing sustainability despite project constraints. This study collects data through an online survey of construction project management professionals across the UK.

Am I eligible to take part?

You are being invited to participate because of your experience managing building construction projects in the UK. We are recruiting professionals like yourself who have at least 5 years of practical experience with responsibility over sustainability issues.

Your expertise provides the insights needed to examine how sustainability adoption can be improved in UK construction project management. We aim to survey at least 100 participants in total.

To take part, you should have a minimum 5 years working on UK building projects and familiarity with sustainability practices. Infrastructure project experience is not suited for this study. You also need to be able to complete an online English survey.

Do I have to take part?

Participation is completely voluntary. You should only take part if you want to and choosing not to take part will not disadvantage you in anyway.

What will I be asked to do?

If you decide to take part, you will be asked to complete an online questionnaire related to sustainability practices in your construction projects. This will take approximately 15-20 minutes of your time.

The questionnaire will include sections on:

- Your current adoption of sustainability approaches
- Barriers you face to further integration
- Factors that can drive sustainability implementation
- Optional demographic questions on your role and experience

Further information and contact details

Researcher:

* Required

Informed Consent

1. I confirm that I have read the information sheet dated 19/10/2023 (version 01) for the above study. I have had the opportunity to consider the information, ask questions and have had these answered satisfactorily.
2. I understand that as I have completed the study anonymously it will not be possible to remove any information I have provided, as you will not be able to identify me in any way.
3. I understand that individuals from the University of Lincoln may look at research data collected during the study, to ensure that the study is conducted appropriately.
4. I understand that the information collected about me will be used to support other research in the future, and may be shared anonymously with other researchers.

1. I agree to take part in the above study. *

☐ Yes

☐ No

Section A: Demographics

2. What is your current role in the construction industry? *

- ☐ Project manager
- ☐ Sustainability manager
- ☐ Other

3. How many years of experience do you have working in construction project management? *

- ☐ 0-5 years
- ☐ 6-10 years
- ☐ 11-15 years
- ☐ 16-20 years
- ☐ 20+ years

4. What types of construction projects have you worked on? (Tick all that apply) *

☐ Residential buildings

☐ Commercial buildings

☐ Infrastructure

☐ Industrial facilities

Section B: Sustainability Adoption

5. Please rate the extent to which you agree with the following statements about integration of sustainability practices in your construction projects:

(Scale: 1= Strongly disagree, 2= Disagree, 3= Neutral, 4= Agree, 5= Strongly agree) *

	1	2	3
Sustainability objectives are incorporated into project planning and design.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Suppliers/contractors are evaluated based on sustainability criteria.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sustainability impacts are considered in procurement and purchasing decisions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Energy efficiency is prioritized in development and construction.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Water conservation and efficiency measures are implemented.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Waste and pollution generation is minimized.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sustainability practices are regularly monitored and reviewed.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Section C: Barriers to Sustainability

6. Please rate your level of agreement with the following potential barriers to further integration of sustainability in your construction projects:

(Scale: 1= Strongly disagree, 2= Disagree, 3= Neutral, 4= Agree, 5= Strongly agree) *

	1	2	3
Lack of client demand for sustainability.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Perceived higher costs of sustainability practices.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of financial incentives for sustainability.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tight project budgets and timelines.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of regulation and policies mandating sustainability.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient sustainability expertise in the project team.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of guidance on implementing sustainability practices.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Difficulty obtaining sustainability data from the supply chain.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Industry norms focused on conventional practices.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Industry norms focused on conventional practices.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Section D: Drivers of Sustainability

7. Please rate your level of agreement with the following potential drivers that can encourage greater sustainability implementation:

(Scale: 1= Strongly disagree, 2= Disagree, 3= Neutral, 4= Agree, 5= Strongly agree) *

	1	2	3
Client requirements for sustainability in tenders and briefs.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Policies and regulations mandating sustainability.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Top management commitment to sustainability goals.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Availability of sustainability expertise.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Financial incentives for sustainability achievements.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Desire for competitive advantage from sustainability reputation.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrated cost savings from sustainability investments.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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