

BUILD OFFSITE Innovation Hub Challenge

Offsite Expo | Coventry Building Society Arena | 16 – 17 September 2025

A. Overview

The BOS Innovation Hub Challenge is a focal point where industry leaders, innovators, and enthusiasts can converge to explore the next big breakthroughs in sustainable construction. Three participants will be invited to deliver their pitch and respond to rapid fire questions from the judges.

Each pitch will culminate in a series of thought-provoking questions posed to the competitors, emphasising the importance of sustainability, affordability, long-term impact and potential. From carbon reduction to circular economy principles, each question will delve into crucial aspects of environmentally conscious construction solutions.

The theme for 2025 is: System Ready: Driving Scalable Retrofit for UK Homes; Solving the Retrofit Puzzle – Scalable, Repeatable, Digital.

B. Rules

1. Deadline for competition entries – 31 July 2025; complete and return entry form to fareita.udoh@buildoffsite.com.
2. The commercial launch date of the innovation must be less than 18 months prior to the entry deadline date.
3. Entries are limited to a maximum of two A4 pages including diagrams and illustrations, with a minimum 10pt font.
4. Additional pages will be ignored by the judges.
5. The BOS Industry Advisors will complete the initial judging to shortlist three entries .
6. The shortlisted entrants will be invited to pitch their innovation on 16th September at Offsite Expo (16th September) to a panel of three judges and Expo attendees.
7. The judges will be recruited from the speakers and panellists taking part in the BOS sessions preceding the challenge on that day.
8. Each shortlisted participant will be allowed 15 minutes to present their innovation.
9. The judges will have 5 minutes to ask three different questions selected from the list in Appendix A.
10. International entries or entries with an international component are being sought for the Challenge on Day One which will commence at 16:00 BST.
11. By entering this challenge permission is given for the publication and circulation of the information submitted on the entry form in BOS/CIRIA newsletters and social media platforms. Additional information may be requested.

C. Benefits

The event wraps up with the announcement of results, highlighting what both the judges and audience consider to be the most innovative and impactful solutions that have the potential to shape the future of sustainable construction. The winner will benefit from a marketing package worth £5,000 sponsored by Offsite Expo.

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D. Entry Form

Company Name	
Contact Details (Phone & Email)	
Company Location (UK or Overseas)	
International Aspects	
Date of Commercial Launch	
Description of Innovation	
Scalability Potential	
Benefits (for example) <ul style="list-style-type: none"> • Environmental • Productivity improvement • Design perception/aesthetics • Procurement model disruption • Open source/platform • Social value 	
Other Relevant Details	
Presentation Team (2 maximum) <ul style="list-style-type: none"> • Names, Roles & Mobile Nos 	

Submission Date:

Name:

Signature:

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Appendix A – List of Potential ‘Dragon’s Den Style’ Questions.

1. How does your digital solution enhance construction efficiency while maintaining quality?
2. Could you share an example of a successful implementation of your technology in a construction project?
3. What specific challenges in the construction industry does your solution address, and how does it address them?
4. How do you see your product adapting to future advancements in digital technology?
5. Can you provide insights into the scalability of your innovation within the construction sector?
6. What measures have you taken to ensure the cybersecurity of your digital solution in the construction environment?
7. How do you anticipate your innovation/technology will impact the workforce in the construction industry?
8. Could you elaborate on any partnerships or collaborations that have contributed to the development of your innovation?
9. What data analytics capabilities does your AI solution offer, and how do they drive decision-making in construction projects?
10. In a rapidly evolving digital landscape, how will your innovation stay ahead of the competition and remain relevant?
11. How does your solution contribute to reducing the construction carbon footprint?
12. Can you provide specific examples of how your technology has been successfully integrated into sustainable projects?
13. What sustainability certifications or standards does your solution adhere to or help achieve?
14. How do you ensure that your innovation is affordable and accessible to a wide range of builders and developers?
15. Could you explain the long-term cost savings associated with implementing your environmental solution?
16. What role does circular economy principles play in your approach to reducing environmental impact?
17. Are there any unique materials or construction methods involved in your solution that set it apart from traditional practices?
18. How do you address the potential trade-offs between sustainability and construction timelines?
19. Can you describe your vision for the future of environmentally conscious construction and how your solution fits into that vision?