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*Examining how technology is shaping projects and businesses now and in the next decade*

**4 December 2019, The Brewery, London**

08:00 Registration

08:30 **Tech Hack kick off (invite only)**

A half day hackathon where forward thinking young professionals will shape a concept to drive site productivity and change, through technology. To enter, see our website.

**Amanda Clack**, executive director, **CBRE**

**Fiona Spencer**, director of project delivery profession, **Infrastructure and Projects Authority**

09:00 Opening welcome from chair

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### **Trends to 2030**

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09:10 **Keynote address**

**From the outside looking in – how has other industries been transformed by technology and data?**

Revealing how technology has impacted a sector outside of construction and is shaping their business culture, how they operate and the workforce them employ.

09:25 Speaker question and answer session

09:35 **Futuregazing to 2030 – thinking about the company, worker and site of the future**

Three talks exploring how technology could shape the industry in the next ten years and what this means for its structure, practices and workers.

- How will the contracting business model have changed by 2030?
- Who is the construction worker of 2030 and what will they do?
- What does the construction site of 2030 look like?

10:05 Speaker question and answer session

10:25 **Investing in construction disrupters**

Evaluating what investors are seeking from ideas, businesses and solutions to invest in, where they see the greatest returns and what this means for the industry and it's interaction with SME and innovators.

10:40 Speaker question and answer session

10:45 **Network and learn**

- Innovation Hub – hear short pitches on solutions from industry and start-ups

Main stage: What you might have missed?	Workshop: Digitising your business (Invite only)
<p>11:30 <b>What impact is technology already having for businesses and sites, and how are the benefits quantified?</b> Three talks sharing how technology is already driving significant change and the specific applications from sites to businesses.</p> <ul style="list-style-type: none"> <li>• How is technology improving site safety?</li> <li>• What impact can data have for the quality on construction outputs?</li> <li>• How is advanced manufacturing is being used to improve the design of complex projects?</li> </ul> <p><b>David Bray</b>, project director, <b>Highways England</b> <b>Aaron Lacey</b>, category lead - construction, <b>Scape Group</b> <b>Julie Alexander</b>, director of technology and innovation, <b>Places for People</b></p>	<p><b>How is digital engineering impacting construction at the corporate and business level?</b> A discussion on the best approaches to maximising the impact of digital engineering for a business, how it is driving improvements in sustainability, collaboration and risk management, and the impact for corporate structures.</p>
<p>12:00 <b>Roundtable discussions</b> Discuss and share with facilitators what pockets of innovation are occurring across the industry and how they are seeing technology impact areas from sustainability, cost and safety.</p>	
<p>12:30 Feedback from roundtables</p>	

12:45 **Lunch and learn**



- Innovation Hub – hear short pitches on solutions from industry and start-ups

Main stage: Avoiding Silos	Workshop: The Offsite Conundrum (invite only)
<p>14:00 <b>Bringing your workforce with you on the tech journey and avoiding silos of innovation</b> Sharing knowledge and best practice with the whole business can be challenging but how can we ensure that all workers and the supply chain are equipped to make the most of technological advancement, and not in silos. <b>Peter Vale</b>, engineering innovation manager, <b>Tideway</b></p>	<p><b>How could industry look beyond cost change it's approach to offsite?</b> A forum to futuregaze at how industry can scale offsite to meet demand, the limitations of and implications for today's contracting model and what businesses will make the most of the sector's potential.</p>
<p>14:20 <b>Roundtable discussions</b> Discuss and share with facilitators what organisations are doing to ensure technology impact all employees and aspects of their work, and what impact this is already having.</p>	
<p>14:50 Feedback from roundtables</p>	

15:15 **Network and learn**

- Innovation Hub – hear short pitches on solutions from industry and start-ups
- Tech Hack judges – join the Hackers and Judges to hear the pitches from the teams

15:45 **Mandating for change – what will clients do put technology at the heart of future projects**

Four clients will share how technology will be a core part of their procurement and delivery model for the future.

- Using data to inform and drive change
- Driving innovation and its implementation through the supply chain
- Unlocking the benefits for site productivity and safety
- Investing in technology to provide clarity and reduce risk for industry

**Best West**, head of development, London, **Landsec**

16.15 Speaker question and answer session



16:25 **Closing keynotes**

**Disrupting the industry and applying fresh thinking to construction problems**

Two disruptors to the market share how technology is enabling their business to approach construction differently and what impact this could have for the supply chain.

16:40 Speaker question and answer session

16:50 **Tech Hack winners announced.**

17:00 End of ConTech

EMAP 2019. The programme may change due to unforeseen circumstances. EMAP reserves the right to alter the venue and/or speakers.