



Construction Online 2020

As we move into a new decade, Construction Online is as determined as ever to provide you with the quality editorial content we have been bringing to the UK construction sector for the past 25 years.

And it is to this end that we have refreshed our editorial offering for 2020.

Research of our valued readers has been conducted and we have identified a number of key sectors for our community, which will focus our content over the next year.

Our core editorial offering will now centre around:

Infrastructure

After a difficult year in construction, civil engineering was one of the few highlights, with large infrastructure projects continuing to push forward the economy. The National Infrastructure Pipeline holds some £600Bn in future projects for the industry, making infrastructure hugely important to the construction sector. As HS2 is brought in for review, while the government continues to invest in preparations for future UK with electric vehicle charging and 5G connections, this topic focuses on developments within infrastructure, digitisation, sustainability and case studies.

- Rail
- Roads
- Transport
- Utilities - cabling, water - AMP programmes
- waste water, EV charging network
- Energy - nuclear, wind, solar, offshore
- HS2
- Thames Tideway
- Crossrail
- Waterways
- Government Transforming Infrastructure Performance Plan
- National Infrastructure Pipeline
- Digital infrastructure - 5G, fibre broadband, smart homes, smart motorways
- etc,
- Defence Infrastructure Organisation
- SUDS
- Flooding, flood defences, tidal flood schemes
- Housing infrastructure / social infrastructure
- Supply chain
- Logistics

Sustainability

As the country looks to develop its Clean Growth Strategy, sustainability within construction has become an ever-increasing priority. As the issues become more prominent, client's are asking more and more for green technology and sustainable designs. The sustainability focus looks at how adopting Modern Methods of Construction and digital technology can lead to greater energy savings during and post-construction.

- Offsite manufacture
- Energy consumption
- Intelligent buildings
- Supply chain
- SUDS
- Flooding
- Energy / carbon footprint
- Clean growth plan
- Plant – old plant is a big environmental challenge
- Materials
- Construction waste and recycling

Digitisation & Technology

The government is looking for a sea-change within the construction industry, to bring it forward with digitisation and invest in Modern Methods of Construction. This quarter looks at the adoption of technology within the industry and its progression. Government reports have identified problems in production and processes and want construction to follow a more manufacturing model for building, we look at the processes this involves and how we can speed up building.

- New technologies
- Software
- Drones
- Manufacturing
- Offsite manufacturing
- BIM
- IOT
- Cloud software
- Cyber security
- Site security
- Intelligent buildings
- Supply chain
- AR
- VR
- Digital twins
- Data

Skills & Training

With a well-publicised skills crisis underway, with the industry losing talent from every sector, we look at what is being done to encourage young people into construction. While the construction industry attempts to make the most of new technologies, we also look at training within the industry and how upskilling employees is vital. Research from City & Guilds Group shows that one in 20 construction companies believe their workforce doesn't have the necessary skills for now or the future; a comprehensive policy addressing the issue is sought industry-wide.

- Apprentices/ apprenticeships
- Skills shortage – Brexit, EU workers
- Professional development
- Upskilling & training
- Leadership
- Health & safety
- Software
- Brexit
- Mental health

Current Affairs and Project News

Of course, our usual current affairs and project news will also be delivered, with other topics regularly covered including:

- Housing and the housing crisis
- Transport
- Health & Safety
- Energy & utilities
- Regionality – devolution investment from Midlands Engine, Northern Powerhouse, etc.
- Brexit

Submissions are accepted on a rolling basis for online content.

Features must be non-commercial and exclusive to Construction Online.

Content: approx. 800 words plus images

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