

Carbon tracking and calculation

16 January 2024

@buildoffsite @CIRIAupdates

Welcome and introduction



Ken Davie

Industry Advisor
BUILDOFFSITE

BUILDOFFSITE

- Set up in 2004 as the voice of the industry, BUILDOFFSITE has sought to promote, support and increase the adoption of offsite and pre-manufactured solutions for the built environment.
- Working in collaboration with our members and influencing government and key industry stakeholders, we seek to facilitate offsite solutions and deliver guidance, resulting in tangible change.
- By 'normalising' Modern Methods of Construction, BUILDOFFSITE enables greater project delivery and strives to remove the perceived challenges to offsite adoption.

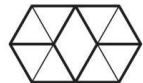
“To be the trusted independent voice of the construction industry with respect to offsite and pre-manufacturing, and to provide all relevant support to our members and other stakeholders.”

A new identity



- Our **new brand image** reflects who we are **today** and where we are aiming to be in the **future**.
- This change **represents our community** of buyers and supply chain members **collaborating to deliver standardisation** and **greater adoption of offsite**.
- Our actions and decisions today will shape the way we will be living and building in the future.

BUILD OFFSITE members



BUILDOFFSITE guidance 2022 – 2023

- Achieving sustainable resilience in new precast concrete structures – May 2022
- Offsite construction concept and design – May 2023
- Client Group proposals approved for 2023:
 - Specifying for performance
 - IP Management guide



2023 events

- Linear infrastructure overbuild seminar TfL
- What is the path to sustainable infrastructure?
- Site visit to new prison development, HMP Millsike
- BOS members' meeting
- Aliaxis factory visit
- Low carbon concrete webinar
- The Offsite Show May and October
- Roger Bullivant and Keystone Lintels factory tours
- BOS Christmas member meeting hosted by Arup

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2024 events programme

- 15 January – Tour of The Forge, hosted by Landsec – London
- 16 January – Carbon tracking and calculation – webinar
- 16 April – Building safety webinar: enhancing fire resilience in modular structures
- April – Built environment working group – webinar
- May - Energy House 2.0 tour – Salford
- May – BOS members' meeting – webinar
- May – BOPAS Forum – in person
- June – Timber construction (for reduced carbon) – webinar

2024 events programme

- July – BOS membership forum and Donaldson Timber factory visit
- September – BOS 20th anniversary conference
- October – The management of intellectual property, specifically relating to MMC/offsite – new CIRIA and BOS guidance
- November – BOPAS Forum – in person
- November – The use of MMC performance standards in construction projects – new CIRIA and BOS guidance
- December – BOS Christmas members' meeting and 20th anniversary celebration
- And a few more...

CIRIA communities of practice

BRMF

Brownfield Risk Management Forum



PFAS

Perfluoroalkyl and Polyfluoroalkyl
Substances Forum

ciriasoil

DNZC

Driving Net Zero Carbon



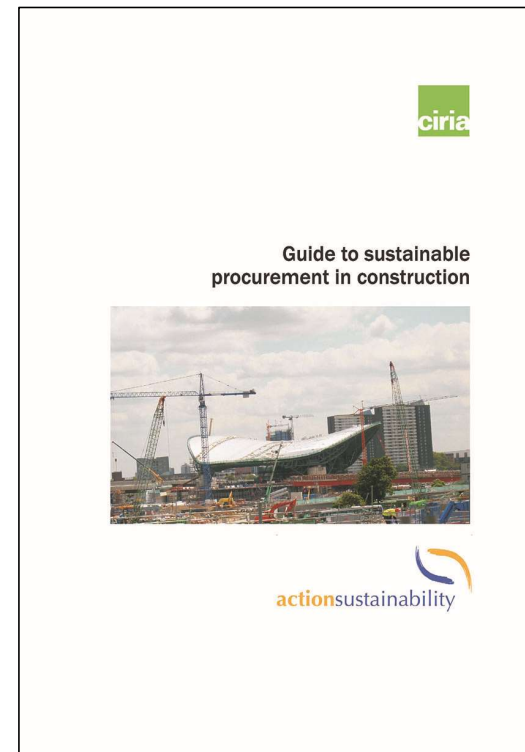
ciriabiodiversity



Driving Net Zero Carbon Community of Practice

Aims and objectives

- Share knowledge
- Stimulate debate
- Foster collaboration



Driving Net Zero Carbon Community of Practice

Balfour Beatty



Welcome to our speakers



Ken Davie
BUILDOFFSITE



Owen Tarrant
Environment Agency



Jack Waring
Balfour Beatty



Paul Wagstaff
Aggregate Industries



Tom Kyle
Sheppard Robson



Eoin Bailey
Celsa Steel UK



Graeme Jones
C-Probe Systems



Dr Kat Ibbotson
WSP

Agenda

- 10:05 Setting the scene
- 10:20 Setting the scene: client expectations
- 10:40 Company calculation – tier one
- 11:00 Company calculation – supply chain
- 11:20 Project calculation
- 11:40 Product calculation / environmental product declaration
- 12:00 Interactive discussion and Q&A
- 12:25 Closing remarks
- 12:30 End of webinar

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