

# 25th Annual Conference

# The Sustainability puzzle

## -Making the pieces fit

Building on previously successful conferences before the pandemic struck, the CBDG are pleased to announce their 25th Annual Conference which will be taking place at the **National Conference Centre, Birmingham on 29 June 2022.**



Under the theme *The Sustainability puzzle - making the pieces fit*, the conference will tackle the sustainability options for the design, construction, inspection and management of concrete bridges and explore the question; how does bridge engineering respond to the modern, post-carbon world?

### Opening address

***The challenge for Net Zero carbon bridges – an overview of the challenges and a framework for progress.***  
Brain Duguid, Net Zero Bridges Group

### Presentations

***Technical Guide 17 Precast concrete substructure for bridge construction.*** Richard Scantlebury, Hewson

***Low carbon concrete bridges – case study.*** Jimmy Barratt-Thorne, WSP

***Decarbonising concrete bridges - Are low carbon concretes part of the solution or the problem?*** Ian Gibb, Mott Mac

***Improving the management of post-tensioned bridges - a contribution to sustainability.*** Donald Pearson-Kirk & George Probert, WSP

***Digitization of carbon footprinting for concrete bridges.*** Oliver Hill, Arcadis

***New AI technology revolutionises bridge inspection.*** Tim Grimshaw, Waterman

***Stainless steels; sustainable construction materials.*** Tim Collins, World Stainless Association

***Using smart, low carbon cements to preserve embodied carbon in reinforced concrete bridges.*** Graeme Jones, C-Probe Systems

***Efficient use of concrete in high speed rail viaducts to minimise embodied carbon.*** Cameron Archer-Jones, COWI

***East west rail – delivering differently in a more sustainable world.*** Steven Cook, ARUP & Eloy Tabares East West Rail

**Includes an after conference drinks reception and optional evening dinner**

Provisional programme, for the latest information and to book your place visit: [www.cbdg.org.uk](http://www.cbdg.org.uk)  
email: [enquiries@cbdg.org.uk](mailto:enquiries@cbdg.org.uk) or call **+44 (0) 1276 33777** or **+44 (0) 1276 607140**

Thanks to our sponsors

Media partner

