

Supplementary Online Resources

The following list of online resources are suggested for further study on key topics covered throughout the book. This list is by no means exhaustive and further resources in the ICE library of recorded events can be found at: <https://www.ice.org.uk/eventarchive?online=true>

The promotion of projects

ICE Project 13: <https://www.ice.org.uk/eventarchive/ice-project-13-leeds>

Project 13: A better way of working: <https://www.ice.org.uk/eventarchive/project-13-better-way-of-working-and-agm-glasgow>

Building a business case for connected autonomous vehicles: <https://www.ice.org.uk/eventarchive/lunch-and-learn-building-a-business-case-avs>

Risk management

Understanding risk - An engineer's guide: <https://www.ice.org.uk/eventarchive/lunch-and-learn-understanding-risk>

Risk Analysis and Management for Projects: <https://www.ice.org.uk/eventarchive/risk-analysis-and-management-for-projects>

Managing the risks to ensure value for money: <https://www.ice.org.uk/eventarchive/projects-managing-the-risk-cardiff>

High impact low probability risks in civil engineering: <https://www.ice.org.uk/eventarchive/high-impact-low-proability-risk-london>

ICE Strategy Sessions: Reassuring the public that infrastructure is safe: <https://www.ice.org.uk/eventarchive/ice-strategy-session-reassuring-public>

The management of risk in tunneling and major infrastructure projects: <https://www.ice.org.uk/eventarchive/management-of-risk-in-tunnelling-london>

Design

Building Information Modelling: History, purpose and benefits: <https://www.ice.org.uk/eventarchive/building-information-modelling-history-purpose>

Beatrice Offshore Wind Farm, Foundation Design: <https://www.ice.org.uk/eventarchive/beatrice-offshore-wind-farm-london>

Engineering the Shard: <https://www.ice.org.uk/eventarchive/engineering-the-shard>

Designing V&A Dundee: <https://www.ice.org.uk/eventarchive/designing-the-v-a-edinburgh>

Belfast Transport Hub: <https://www.ice.org.uk/eventarchive/belfast-transport-hub-belfast>

Peterhead Harbour, Belfast: <https://www.ice.org.uk/eventarchive/peterhead-harbour-belfast>

Organisation

BIM for Infrastructure: How to upskill your existing teams and take on apprentices: <https://www.ice.org.uk/eventarchive/bim-for-infrastructure-how-to-upskill-webinar>

Breaking down the barriers: lip service to equality or long term business case: <https://www.ice.org.uk/eventarchive/breaking-down-the-barriers-lip-service-to-equality>

Preventing a re-occurrence – what organisations do to embed lessons:
<https://www.ice.org.uk/eventarchive/costain-joint-lecture-preventing-reoccurrence>

Project and programme management

Management practices and issues: <https://www.ice.org.uk/eventarchive/management-update-cardiff-sept>

Management: update from a professional: <https://www.ice.org.uk/eventarchive/management-update-cardiff-sept>

Management: Professional review preparation: <https://www.ice.org.uk/eventarchive/professional-review-preparation-management>

Managing and Delivering Projects in a Digital World: <https://www.ice.org.uk/eventarchive/management-procurement-and-law-lecture-2017-london>

Health, safety and welfare

CDM and health & safety: <https://www.ice.org.uk/eventarchive/cdm-and-health-and-safety-webinar>

10 things you need to know about CDM 2015: <https://www.ice.org.uk/eventarchive/10-things-you-need-to-know-about-cdm-2015>

Engineering healthier and safer solutions: <https://www.ice.org.uk/eventarchive/engineering-healthier-and-safer-solutions-cardiff>

Temporary works – excavation safety: <https://www.ice.org.uk/eventarchive/project-13-better-way-of-working-and-agm-glasgow>

Embedding Learning to Eliminate Harm: <https://www.ice.org.uk/eventarchive/costain-health-and-safety-lecture-london-nov-19>

Contract strategy

Procurement Strategy & Contract Selection: <https://www.ice.org.uk/eventarchive/procurement-strategy-contract-selection-belfast>

Contents of the NEC4 - management tools: <https://www.ice.org.uk/eventarchive/nec4-management-tools-webinar>

NEC4 DBO – a whole-life delivery solution: <https://www.ice.org.uk/eventarchive/nec4-a-whole-life-delivery-solution-webinar>

Consultancy contracts: <https://www.ice.org.uk/eventarchive/lunch-and-learn-consultancy-contracts-webinar>

Commercial & contracts: <https://www.ice.org.uk/eventarchive/commercial-contracts-update-cardiff-feb-18>

Hazards from procurement: <https://www.ice.org.uk/eventarchive/hazards-from-procurement-london>

Contracts: Professional review preparation: <https://www.ice.org.uk/eventarchive/professional-review-preparation-contracts>

Construction management and supervision

Construction design management (CDM) webinar: <https://www.ice.org.uk/eventarchive/construction-design-management-webinar>

Lean Construction Management and BIM: How to speed up construction:
<https://www.ice.org.uk/eventarchive/lean-construction-management-and-bim>

Responding to Construction 2025: <https://www.ice.org.uk/eventarchive/responding-to-construction-2025>

An industry fit for the 21st century: <https://www.ice.org.uk/eventarchive/an-industry-fit-for-the-21-century>

Cost planning, project financing and quantity surveying

Modern Survey Techniques: <https://www.ice.org.uk/eventarchive/modern-survey-techniques-peterborough>

Improving cost prediction in infrastructure: <https://www.ice.org.uk/eventarchive/lunch-and-learn-improving-cost-prediction>

The integrated project insurance procurement model: <https://www.ice.org.uk/eventarchive/lunch-and-learn-integrated-project-insurance>

Infrastructure investment: <https://www.ice.org.uk/eventarchive/lunch-and-learn-infrastructure-investment>

Funding and financing Scotland's infrastructure: <https://www.ice.org.uk/eventarchive/funding-financing-scotlands-infrastructure>

Ten years of public-private partnerships in Germany: experiences and perspectives: <https://www.ice.org.uk/eventarchive/ten-years-of-ppp-in-germany-london>

Overseas projects

Engineers for International Development: <https://www.ice.org.uk/eventarchive/engineers-for-international-development-conference>

Shaping the World's Cities: <https://www.ice.org.uk/eventarchive/shaping-the-worlds-cities-a-new-question>

Transforming Lives in Rwanda: Bridges to Prosperity: <https://www.ice.org.uk/eventarchive/bridges-to-prosperity-transforming-lives-in-rwanda>

Construction challenges at the Song Bung 4 RCC dam in Vietnam: <https://www.ice.org.uk/eventarchive/construction-challenges-at-the-song-bung-dam>

Under the City of Oslo and Deep Fjords: <https://www.ice.org.uk/eventarchive/under-the-city-of-oslo-and-deep-fjords-london>

Kathmandu Soil Obstacles and Opportunities: <https://www.ice.org.uk/eventarchive/kathmandu-soil-obstacles-and-opportunities>

Professional duties

TPS Professional Development Scheme: Introduction for trainees: <https://www.ice.org.uk/eventarchive/tps-professional-development-scheme-london>

How to Inspire Future Civil Engineers: <https://www.ice.org.uk/eventarchive/how-to-inspire-future-civil-engineers-webinar>

Ethical Working and the ICE Code of Conduct: <https://www.ice.org.uk/eventarchive/professional-review-prep-ethics>

BIM

Digitising the Offsite Construction Industry: <https://www.ice.org.uk/eventarchive/lunch-and-learn-digitising-offsite-construction>

BIM and the Stockholm Bypass: <https://www.ice.org.uk/eventarchive/bim-and-the-stockholm-bypass-glasgow>

Building Information Modelling: History, purpose and benefits: <https://www.ice.org.uk/eventarchive/building-information-modelling-history-purpose>

Breaking barriers in BIM: <https://www.ice.org.uk/eventarchive/breaking-barriers-in-bim-webinar>

Digital infrastructure – unlocking the true value in civil engineering:
<https://www.ice.org.uk/eventarchive/digital-infrastructure-unlocking-the-true-value>

All Roads Lead to BIM: <https://www.ice.org.uk/eventarchive/all-roads-lead-to-bim-belfast>