ICE Digital Twinfrastructure Programme 2019

Keep pace with the smart infrastructure revolution
Deliver better outcomes with digital twininfrastructure

Throughout 2019, ICE’s Digital Transformation Knowledge Programme will shine a light on how digital twin thinking can drive more value from data and maximise infrastructure performance.

The fourth industrial revolution provides an exciting opportunity to develop a national ecosystem of digital twins connected by securely shared data, enabling infrastructure professionals to make better decisions that deliver better outcomes for businesses and society.

What is the national digital twin?

The Centre for Digital Built Britain has set out a 30-year vision for a national digital twin - an ecosystem of digital infrastructure representations, connected via securely shared data. The delivery of this vision depends on having an effective information management framework across the built environment. Infrastructure professionals must become better at sharing, utilising, managing and maintaining data to support this.

ICE’s programme will provide career support to members and other infrastructure professionals to make this happen.
Keep pace with the smart infrastructure revolution

ICE Knowledge will provide civil engineers with essential resources to successfully exploit the benefits of new technologies and make digital twininfrastructure a reality.

Visit ice.org.uk/digital to:

- Develop your skills and knowledge
- Read expert opinion and insight
- Learn from project case studies
- Explore journals and books
- Network with key industry players and peers at events

ICE’s yearlong campaign aims to share good practice and lessons learnt from digital adoption in civil engineering and answer:

- How can we create an effective environment for secure and open data sharing?
- How can we ensure data is of high quality and is used for the greater good?
- How can we encourage cross-sector knowledge exchange and awareness of where solutions lie?
- What are the skills requirements for future civil engineers and how can we ensure they are met?
- How can we ensure digital twins are developed to consistent standards so they can be integrated at system level in the future?
Get involved

Do you have interesting insights or project reports that infrastructure professionals could benefit from?

If so, please get in touch at dt@ice.org.uk

Become an ICE Partner

To discuss how to develop your client base and increase your company profile, contact the team today:

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Featured knowledge

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