Transport Asset Management Conference 2017
Optimising performance through data-driven decisions
21 November, London
About the conference

The fifth Transport Asset Management conference, organised by the Institution of Civil Engineers, will focus on the benefits, opportunities and challenges of digital transformation.

The one day programme features expert speakers from government departments and agencies, transport operators and major engineering providers discussing recent developments and best practice. Discussions will explore strategic approaches to asset management and how to generate and analyse information for better decision making.

Delegates will get an exclusive update from UKRLG on its Code of Practice, and hear presentations from the Department for Transport, Highways England, Network Rail, HS2, The Bristol Port Company, Dublin & Cork Airport, Rolls-Royce and many more.

Join this unique event to stay ahead of the trends, explore new ways to approach critical challenges and future-proof your organisation and career.

Register online at ice-tam.com
Who should attend

- Asset Management Directors
- Asset Managers
- Heads of Infrastructure
- Heads of Maintenance
- Technical Directors
- Project Managers
- Senior Engineers
- Civil Engineers
- Structural Engineers
- Site Engineers
- Bridge Engineers and Managers
- Roads and Highways Engineers
- Highway Managers
- Rail Directors
- Railway Engineers
- Aviation Directors
- Marine & Aviation Engineers
- Ports / Marine Directors

“- A must-attend conference if you are involved in the infrastructure sector.
Informed debate with leading industry players and policy makers”

Why attend

At the only UK conference dedicated to transport asset management, delegates will:

- Network with transport professionals
- Hear insights from expert speakers
- Address cost and capacity challenges and advance strategies for managing both old and new assets
- Get guidance on whole life cycle approaches and achieving gold-standard asset management

Key topics

- Foresight on transport sector funding challenges
- Putting whole-life asset management at the core of the business strategy
- Disruptive technology and self-aware assets
- UKRLG Code of Practice one-year progress report
- Case studies and lessons learnt from the latest major projects
- How to turn big data into useful data
- Success stories for improving efficiency, performance and value
- The role of people - behaviours and skills for realising a digital transformation
- Cybersecurity for transport infrastructure
- How digital can unlock value gain for old and new assets

Choose sessions in three specialised streams:

- STREAM 1: Highways
- STREAM 2: Railways
- STREAM 3: International Gateways: Airports and Ports

Representatives from the following organisations attended in the past:

Register online at ice-tam.com
Meet the speakers

Steve Berry
OBE Head of Highways Maintenance, Innovation, Resilience, Light Rail and Cableways Branch, Department for Transport

Andrew Boagey
Chair
Railway Civil Engineers Association

Peter Chambers
Group Head of Asset Care
Dublin & Cork Airport

John Chaplin
Director of External Affairs & Special Projects
The Bristol Port Company

James Dean
Director, Route Asset Manager (LNW)
Network Rail

Chris Dyer
Head of Consultancy, Infrastructure Asset Management
Yotta

Chris Founds
Infrastructure Director
CJ Founds Associates

David Greenfield
Pothole-Spotter Research Programme Lead and Managing Director
SOENECS

Martin Hobbs
Asset Delivery National Rollout Director
Highways England

Alex Luck
Principal
A Luck Associates

Matthew Lugg
HMEP Advocate and Director of Public Services, WSP Global

Duncan McFarlane
Professor of Industrial Informational Engineering, Cambridge Centre for Smart Infrastructure and Construction

Aonghus O’Keeffe
CEDR INTERLINK Research Consortium and Chartered Engineer Associate
Roughan & O’Donovan

Emily See
Infrastructure Asset Management Consultant
Yotta

David Simpson
Investment Director
Egis International & Connect Plus

Lila Tachtsi
UKRLG and Technical Director
Atkins

James Turley
Senior Maritime Engineer
Arup

Nick Ward
Head of Solutions Management for OEM Digital Services
Rolls-Royce

Dave White
Head of Asset Management
HS2

Stuart White
Director Business Unit Maritime & Aviation Europe
Royal HaskoningDHV
08:00 Pre-conference breakfast briefing in association with Colas: Enterprise Asset Management

Creating a strategic approach to asset management through use of data

Why day-to-day management of infrastructure must align with corporate level objectives

Open discussion and Q&A focusing on challenges faced by asset owners and operators

Chaired by Ed McCann, Vice President for Knowledge, Institution of Civil Engineers

Please note the breakfast briefing is an invite-only session aimed at infrastructure asset owners and operators. If you are interested in attending, please contact events@ice.org.uk

09:00 Chair’s opening remarks

09:05 Keynote address: Government priorities and budget outlook for transport sector

Department for Transport Minister

09:20 Keeping the outcomes in mind: UK transport challenges to 2050 and how better asset management can meet them

Martin Hobbs, Asset Delivery National Rollout Director, Highways England

09:35 Q&A

09:45 Learning from other sectors: Digital transformation and equipment health management in aerospace

Nick Ward – Head of Solutions Management, OEM Digital Services, Rolls-Royce

- Rolls-Royce in the aerospace market is predominantly a services business, and is transforming to be a digitally-advanced services business
- Delivering profitable services requires careful control of both planned costs (reduce where you can) and surprises (eliminate)
- Equipment health management is the capability brought to bear: Monitoring, simulating and forecasting the business
- And a Digital culture, eco-system, platform and academy are the levers to accelerate

10:05 Digital transformation: How can technology and data help us understand infrastructure assets better?

- How digital processes and technology are opening up new possibilities
- How to create a joined up and strategic approach to realise benefits

10:20 Panel discussion

Can digital really help address asset management challenges being faced by rail, road and port/airport asset owners?

What barriers and blockers are there to realising this?

How can the aerospace example be applied to the port/airport sector?

11:15 Stream Session 1: Client experiences and the role of digital in meeting future challenges

- How has the journey to digitisation progressed so far for asset owners and operators?
- How can digital offer new solutions to existing and future challenges?
- How can the alternative industry experience be applied to transport infrastructure sectors?

11:15 STREAM 1: Highways

Led by: Matthew Lugg, Director of Public Services, WSP

Well-managed Highway Infrastructure, a Code of Practice: One year on

Lila Tachtsi, UKRLG

- Evolution of best practice plus insights and evaluation findings from authorities
- Why applying technology and digital asset management is essential to informing better risk based decision making

11:35 STREAM 2: Railways

Highways England’s new asset delivery approach

Martin Hobbs, Asset Delivery National Rollout Director, Highways England

- How implementation is progressing including the data management approach
- What lessons have been learned and future delivery strategy

11:55 STREAM 3: International Gateways

Highways Data & Information – a neglected asset?

Chris Dyer, Head of Consultancy, Infrastructure Asset Management, Yotta & Emily See, Professional Services Consultant, Yotta

- Highways maintenance is so often focused on potholes and carriageway resurfacing, but data is so often mistreated
- This session addresses the issue of why we should treat data as the most vital asset we have and why we so often neglect our intelligence

12:00 World Café Discussion

- How digital help address asset management challenges being faced by rail, road and port/airport asset owners?
- What barriers and blockers are there to realising this?
- How can the aerospace example be applied to the port/airport sector?

12:30 Lunch and Exhibition
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<td>13:50</td>
<td>Led by: Matthew Lugg, Director of Public Services, WSP</td>
<td>Led by: Andrew Boagey, Chair, Railway Civil Engineers Association</td>
<td>Led by: Stuart White, Director Business Unit Maritime &amp; Aviation Europe, Royal HaskoningDHV</td>
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<td>Pothole Spotters: Early findings from the public/private innovative trial to revolutionise local road maintenance</td>
<td>Developing an approach for high speed rail renewals – HS1 and Bechtel</td>
<td>Data challenges and solutions for managing old and new assets on a single site</td>
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|       | Steve Berry OBE – Head, Highways Maintenance, Innovation, Resilience, Light Rail and Cableways Branch, Department for Transport | Update on renewal programme plans for UK’s existing high speed rail network | **13:50 STREAM 1: Highways STREAM 2: Railways STREAM 3: International Gateways**
|       | Dr David Greenfield – Pothole-Spotter Research Programme Lead and Managing Director, SOENECS | | Led by: Andrew Boagey, Chair, Railway Civil Engineers Association |
| 14:10 | Improving information management and interoperability for national roads authorities | The role of standards in digital transformation – balancing innovation with risk and cost | State of the art visualisation and data acquisition techniques for ports and harbours |
|       | Aonghus O’Keeffe – CEDR INTERLINK Research Consortium & Chartered Engineer, Associate, Roughan & O’Donovan | Senior Representative, Rail Safety and Standards Board | James Turley – Senior Maritime Engineer, Arup |
|       | ■ Overview of CEDR INTERLINK, a two-year European research project on asset information management for road infrastructure, due for completion in autumn 2018 | ■ How standards can best support the integration of new asset management technology and solutions | ■ Insight on new technology that can transform inspection regimes |
|       | ■ The information needs of those who own, operate and deliver road assets, and current approaches to meeting those needs | ■ How best to gather and utilise data to support decision making | ■ How best to gather and utilise data to support decision making |
|       | ■ How to apply open standards-based digital technologies to improve interoperability, future proof asset data, and avoid vendor lock-in | | |
The venue

Institution of Civil Engineers
One Great George Street
Westminster
London SW1P 3AA

Directions

One Great George Street is located within easy reach of Waterloo and Victoria train stations. Just off Parliament Square, we are a 2 minute walk from Westminster underground station and a 5 minute walk from St. James’s Park underground station.

Discounted accommodation

In order to assist conference attendees in booking their accommodation, the Institution of Civil Engineers has negotiated preferential hotel accommodation rates for all attendees and their guests.

To take advantage of this offer contact The Corporate Team on +44 (0)20 7592 3050 or events@corporateteam.com, quoting ID number 10198CMC.

Related activities

WEBINAR
Connected Asset Management for Highways
18 October
Book online at ice.org.uk/highways2017

WORKSHOP
Security for Transport
22 November
Book online at ice.org.uk/security2017

LECTURE
Detecting hidden defects in bridges
22 November
Book online at ice.org.uk/hiddendefects

Transport journal

Transport is essential reading for those needing information on civil engineering developments across all areas of transport. This journal covers all aspects of planning, design, construction, maintenance and project management for the movement of goods and people.

Learn more at icevirtuallibrary.com

Sponsorship opportunities

DO YOU WANT TO SHOWCASE YOUR SOLUTIONS, PRODUCTS OR EXPERTISE TO CIVIL ENGINEERS?

Take part in ICE’s Digital Transformation campaign to enhance your business result.

To discuss your requirements and options contact George Kalathil at george.kalathil@ice.org.uk or call +44 (0)20 7665 2467.
Register

There are three easy ways to register for the conference:

- Book online at ice-tam.com
- Email the completed registration form to events@ice.org.uk
- Call +44 (0)20 7665 2226

BOOKING TYPE:
Please select the type of registration

Prices: Early Bird/Last

- ICE member £249 £359
- Non-Member £329 £439
- Partner Association £299 £419
- Local authority £99 £259
- Student £99 £99
- Retired £99 £99

Where did you hear about this event?

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