



12 November 2020 | Virtual Event

13:00 Chair's opening remarks

13:00 Opening Address: How can the transport sector help build more resilient cities?

Assessing how to make our cities resilient to the effects of climate change, the implications for our transport networks and how collaboration is needed to drive change in the design and construction of rail and road projects.

Kim Yates, project director, **Mott MacDonald**

13:20 Speaker Q&A

13:35 Northern Powerhouse Rail: Why the future of the rail industry depends on development and investment in the North England

Sharing insight into upcoming projects and investments for Northern Powerhouse Rail and that connecting the North through major rail projects is not just key to investors, contractors, suppliers and developers, but to levelling up of the UK economy.

Tim Wood, CEO, **Northern Powerhouse Rail**

14:00 TfL: Exploring the next generation of stations upgrades in the pipeline and challenge of bringing them forward

Exploring planned upgrade works on stations such as Holborn and Camden Town and how tight budgets is challenging client and industry to design better and look at more productive ways of delivering.

Geoff Hobbs, director of public transport, **TfL**

14:25 Case Study: Designing and planning for phase 2 of East West Rail

Exploring the milestones for the scheme in the coming years as development moves forward and discussing that impact that consultation has had on planned route and new stations

Rob Brighouse, chairman, **East West Rail Company**

14:50 Electrifying routes as part of CP6 and the lessons learnt from CP5

Exploring the pipeline of rail electrification projects through Network Rail's CP6, assessing challenges these projects will face in retrofitting Victorian assets and drawing lessons from projects as the Great Western Upgrade, to improve delivery.

Martin Frobisher, group director, technical, safety and engineering, **Network Rail**

15:15 **Q&A Panel**

Tim Wood, CEO, **Northern Powerhouse Rail**

Geoff Hobbs, director of public transport, **TfL**

Rob Brighouse, chairman, **East West Rail Company**

Martin Frobisher, group director, technical, safety and engineering, **Network Rail**

15:40 **Using technology to drive productivity in rail projects**

Evaluating how industry are using technology to challenge site practices, how offsite and digital construction could improve productivity and what clients needs to do, to ensure technology is at the heart of procurement.

16:00 **Speaker Q&A**

16:20 **Graduate Transport Competition presentation**

The winners of the graduate competition will be presenting during the week and sharing their innovative ideas to reduce carbon in design and construction of transport infrastructure.

16:35 **Panel: Debating the impact that the rise of rail hubs and stations as destinations has for their design and delivery?**

- What impact is new technology and changing social factors having on stations and their usage?
- How has the design of stations changes over the last 10 years and how is it shaping their design in the future?
- What are clients doing to create better interchanges and improving interconnectivity and onwards connections?
- To what extent will we increasing see rail projects closely linked to other projects such as housing developments?

Malcom Taylor, head of technology, **Crossrail**

Norrie Courts, director of stations, **Network Rail**

Tim Chapman, head of infrastructure, **Arup**

17:15 **End of the Future of Rail and the Future of Transport**