Learn, network and do business with clients worth up to £40 billion

3-4 December 2014, Central London

TUNNELLING SUMMIT

WHY ATTEND?

• Debate the key lessons learnt from Crossrail, the Lee Tunnel and the London Power Tunnels, and discuss how those lessons will shape future projects in the UK

• Gain crucial insights into the UK’s next generation of projects, including Crossrail 2, the York Potash Tunnel and Bank station upgrades. Find out where clients are looking to procure future work

• Hear an update on the design, procurement and delivery of the Northern Line Extension and the Thames Tideway Tunnel and pinpoint the opportunities that will follow

HEAR FROM:

• Michèle Dix, Managing Director, Planning, Transport for London

• Kim Smedegaard Andersen, Contract Director, Immersed Tunnel, Fehmarnbelt Tunnel

• Simon Addyman, Programme Manager, Bank Station, London Underground

• David Luetchford, Head of Cable Tunnels, National Grid

• Graeme Shaw, Head of Northern Line Extension, Capital Programmes Directorate, London Underground

• Phil Stride, Head of Thames Tideway Tunnel, Thames Water

• Chris Dulake, Chief Engineer, Crossrail

To register: call Ilja Ryndin on 0203 033 2609 or email NCEevents@EMAP.com

www.NCEtunnelling.co.uk
From the UK to overseas, pinpointing projects and capitalising on new opportunities

With the tunnelling work for Crossrail nearing completion and construction on the Thames Tideway tunnel and Northern Line extension now on the horizon, there has never been a more exciting time for the UK tunnelling sector. Likewise, major innovative projects are in development overseas, from the world’s longest immersed tunnel in the Fehmarnbelt Fixed Link to the new Stockholm bypass. With numerous opportunities emerging from such projects, now is the time to build new relationships that are essential to winning work.

Following the success of the 2013 event, NCE’s Tunnelling Summit returns to London on 3 and 4 December. This year’s conference will bring together decision-makers from across the industry to share insight into the design, procurement and delivery of current and upcoming projects in the UK and abroad.

NEW FEATURES FOR 2014

• A new ‘Lightning Talks’ session
  Pinpoint future opportunities from the next generation of projects, including Bank Station upgrades, Crossrail 2, HS2, the Shieldhall Tunnel and York Potash Tunnel.

• More practical case studies from the UK and abroad
  Get exclusive insights into the design and delivery of major tunnelling projects, including the Northern Line Extension, the Thames Tideway Tunnel and the Fehmarnbelt “mega project”

• Hear feedback from Crossrail, the Lee Tunnel and London Power Tunnels
  Put your questions directly to the panel and find out how the lessons from these major projects can shape the future of tunnelling

• A new workshop focusing on asset management strategies
  Take away practical tools to improve your asset management strategies, from routine maintenance to major reconstructions

WHO YOU WILL MEET

• Clients
• T1 contractors
• Consulting engineers
• Geotechnical engineers
• Tunnelling specialists
• Geo-environmental engineers
• Geologists
• Project managers
• T2 contractors
• Instrumentation and TBM manufacturers and suppliers
• Finance, insurance and legal professionals
• Academics

“VERY USEFUL FOR UNDERSTANDING PROJECTS UP TO 2020”

Javier Gonzalez, IESM Manager, Crossrail

Wednesday 3rd December - Main conference

8:15 Registration
9:00 Chair’s opening remarks
Bob Ibell, Managing Director, London Bridge Associates
9:05 Keynote address: A vision for tunnels and underground space in urban areas
  • Considering the benefits of developing underground space for urban infrastructure
  • What other countries and cities are doing to enhance their underground infrastructure
  • Unlocking the commercial potential of urban surface space by strategic undergrounding of transportation corridors
Martin Knights, Senior Vice President, Managing Director – Tunnels and Earth Engineering, CH2M Hill

9:25 Question and answer session

9:35 Panel discussion: How can lessons from Crossrail, Lee Tunnel and the London Power Tunnels be applied to future projects?
  • Overcoming health and safety, environmental and stakeholder challenges across major projects
  • Technical challenges – comparing Sprayed Concrete Lining (SCL) techniques and their pros and cons
  • Applying value-engineering measures and efficiencies – what has worked well and what hasn’t?
  • Key reflections: what one thing would each speaker do differently on their projects?
Chris Dulake, Chief Engineer, Crossrail
David Luchtel, Head of Cable Tunnels, National Grid
François Poggi, Project Director, Lee Tunnel MVB JV
Nick Fawcett, Head of Major Projects, Thames Water

10:00 Networking refreshments break

10:50 Lightning talks – Previewing the UK’s next-generation of projects
  With the bulk of construction for Crossrail nearing completion and the Thames Tideway Tunnel and Northern Line Extension both on the horizon, the industry is now looking ahead to future projects and the opportunities that will follow. This session brings together clients from across the UK to outline their plans and timetables. Each speaker will have five minutes to share with the audience how their projects are shaping up, including Bank Station upgrades, Crossrail 2, HS2, the Shieldhall Tunnel and York Potash Tunnel.
Simon Addyman, Programme Manager, Bank Station, London Underground
Michèle Dix, Managing Director, Planning, Transport for London
Mike Garnett, General Manager Finance & Treasury, Sirius Minerals
Donald Milne, General Manager, Managed Delivery, Scottish Water
Tim Smart, Head of Engineering & Operations, HS2

11:30 Discussion and question and answer session:
  What are the key drivers that influence clients’ project pipelines and what are they looking for from the industry?

DELIVERING SKILLS IN THE SECTOR

11:50 Interview: Examining resource, skills, equality and diversity in the industry
  • From Crossrail to the Thames Tideway Tunnel – is the capability there to deliver the next big project?
  • What next for the Tunnelling and Underground Construction Academy (TUCA)?
  • What else can be done to encourage both training and diversity in the industry?

12:10 Interview: Attracting and retaining young engineers in tunnelling
  • What attracted you to this sector?
  • What advice would you give clients and employers looking to attract people?
  • How can the industry better support young tunnellers?

Petří Salák, Senior Engineer, Dr. Sauer & Partners

To register: call Ilja Ryndin on 0203 033 2609 or email NCEevents@EMAP.com
Thursday 4th December - Tunnel Asset Management Seminar

OPTIMISING EXISTING ASSETS THROUGH A COST-EFFECTIVE OPERATIONS, MAINTENANCE AND REFURBISHMENT PROGRAMME

8:15 Registration and refreshments
8:45 Chair’s opening remarks
8:50 Making the case for a strong asset management plan
   - When is it necessary to start thinking about the operational life span of your asset?
   - Factoring in asset management from the early design stage – constructability, quality and future-proofing the tunnel
   - Making cost-efficient improvements to existing tunnels
   - Driving down costs in day-to-day maintenance

Andy Evans, Chair, UK Road Tunnel Operators Association

9:05 Discussion and question and answer session

9:30 Using BIM as part of your asset management strategy
   - How can BIM contribute to the total asset management and maintenance strategy?
   - Utilising PAS 1192-3 to link BIM to Asset Management
   - Added benefits of BIM – data as a vital tool for improved health and safety standards

Julian Schwarzenbach, Director, Data & Process Advantage

9:50 Question and answer session
10:00 Networking refreshments break

10:25 Case study: Maintaining London Underground’s ageing tunnel assets
   - The tunnel maintenance strategy – from minor works to major reconstructions
   - Keeping London moving – minimising service disruption due to works
   - Looking forward – the implications of 24-hour operation

Keith Bowers, Professional Head: Tunnels, London Underground

10:50 Delivering cost-effective and smooth refurbishment programmes on ageing tunnels
   - When is a tunnel past its ‘sell-by date’ and when should it be refurbished or rebuilt?
   - Reducing the disruption to service in major refurbishment projects
   - Exploring tunnel refurbishment success stories – the £20 million Holme Tunnel refurbishment project

Colin Sim, Principal Engineer, Asset Management Technical Services – Tracks & Civils, Network Rail

11:10 Question and answer session
11:20 Chair’s closing remarks
11:25 Close of workshop

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Celebrate the leaders of the tunnelling community at the International Tunnelling & Underground Space Awards

From 12.15, 4 December 2014

For more information and to book your ticket, visit www.tunnellingawards.com

www.NCEtunnelling.co.uk
“GOOD RANGE OF SUBJECTS AND SPEAKERS WHICH I FOUND VERY INFORMATIVE. GOOD CONTENT AND PACE OF THE DAY”
Paul Gott, Deputy Managing Director for Tunnelling, Morgan Sindall

DELEGATE REGISTRATION

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GROUP BOOKING DISCOUNTS
Register three delegates and the fourth attends for free.
Contact Ilja Ryndin on 0203 033 2609 for more information

SPECIAL RATE
Attendees of the International Tunnelling & Underground Space Awards SAVE £100 off the full rate for the Tunnelling Summit

SUMMIT VENUES:
Main conference – 3 December 2014
Guoman The Tower Hotel
St Katherine’s Way, London, E1W 1LD

Post-conference seminar – 4 December 2014
JW Marriott Grosvenor House Hotel
86-90 Park Lane, London, W1K 7TN

OTHER UPCOMING EVENTS
Slope Engineering
18-19 November 2014, Bloomsbury Hotel, London
www.slopeengineering.co.uk

International Tunnelling & Underground Space Awards
4 December 2014, Grosvenor House Hotel, London
www.tunnellingawards.com

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Do you have an innovative product or service to showcase? Position your company at the forefront of the industry through one of our tailored sponsorship or exhibition packages at the 8th annual Tunnelling Summit.
To find out more, please contact Roland Maybank.

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