October 9th - 10th 2018
QEII Conference Centre,
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Conference and Exhibition Guide

The UK’s Largest Tunnelling and Excavation Exhibition

Event Partners
Gall Zeidler Consultants is a worldwide leader in tunnel design, geotechnics, engineering, project management and site support services, and we can look back at a history of over 170 miles of successfully completed international tunnelling projects.

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Welcome to BTS 2018

On behalf of our Tunnelling Society, I am very pleased to be welcoming you to the British Tunnelling Society’s, BTS Conference and Exhibition 2018.

The future of tunnelling in the UK is secure – we see many ongoing projects together with a number of very significant projects in planning. Clearly tunnelling is a growth sector within civil engineering construction and our exhibition and conference is the place to be, and to be seen.

Gus Klados from Kuala Lumpur will be opening the conference by providing his views of risk and from there the subject will move seamlessly on to Arnold Dix’s view on managing catastrophic failures. So plenty to listen to even in the first hour of the conference with a broad range thereafter. You will find that we have selected a wide range of subjects for the conference that will appeal to all parties and provide an informative two days allowing delegates to leave with new ideas.

The exhibition halls promise to give visitors the opportunity to meet with a broad range of companies and disciplines. This always proves to be an excellent opportunity to discover new technologies whilst also allowing for networking and the generation of new and stronger ties across the industry.

Our ‘Panel Discussion’ sessions are always popular and not to missed. This year the subjects will be centre on the needs and understanding of the client, and on technical excellence. I know the chosen subjects will promote interesting debate and discussion.

Once again we will be presenting the David Wallis lecture by the Chair of the BTS in memory of David’s time as Chair of our Society. It is an honour to be presenting this lecture and I hope that it will provoke some thought.

I would like to take this opportunity to extend my thanks to all of the speakers and exhibitors. My thanks also extend to the BTS organising committee for BTS 2018 along with our conference and exhibition organisers Tunnelling Journal. I want to particularly thank the Past BTS Chair, Mark Leggett, who has invested considerable time and effort in the preparation of this conference.

I would finally like to thank you all - attendees and your companies for your presence, which of course makes this event the success that it is.

Ivor Thomas - Chair
Thank you to our BTS 2018 Sponsors

EVENT PARTNERS

EVENT SPONSORS
Admission to the exhibition is free to bona fide trade visitors only.

Strictly No Admission To Under 16's

The Exhibition team is:

Tris Thomas: Event Director
Gary Tween: Event Director
Daniel Lee-Billinghurst: Sales Director
Mark Piper: Registration Director
Amanda Foley: Event Manager
Kristina Smith: Event Manager

Organisers Office:
The Organisers Office is located off the Fleming Room and is clearly signposted.

Prohibitions
The Organisers of the BTS 2018 event reserve the right to grant or refuse admission to the conference and exhibition at their discretion any person or persons whose conduct, in the opinion of the organisers renders such a course desirable.

Reproductions
No object exhibited may be drawn, copies or reproduced in any manner whatsoever without the written consent of the exhibitors and the organisers.

Canvassing
Canvassing for orders by any unauthorised person is strictly prohibited and in any such case, the right of expulsion will be at once exercised. The distribution or display of placards, handbills or circulars, or other articles, except by the exhibitors on their own stand is prohibited.

Exhibition Open times:
Tuesday 9th October 9.00 – 18.00
Wednesday 10th October 9.00 – 16.00

Indemnity
The Organisers of the exhibition are not in any way responsible for the statements made in connection with the exhibits, the particulars of which have been supplied by various exhibitors.

Public Address System
Only messages of EXTREME URGENCY will be relayed over the public address system, such as in the event of having to evacuate the building. Under NO circumstances will messages of a general or promotional nature be relayed during the open period of the show.

Security
A security service will be in operation. However the Organisers cannot be held responsible for any loss or damage to the attendee’s property. All attendees are advised not to leave their valuables unattended at any time when the hall is open.

BTS 2018 Conference and Exhibition is organised by Tunnelling Journal on behalf of the British Tunnelling Society.

TGS Media Ltd.
The Old Library, Webster House, Dudley Road, Tunbridge Wells TN1 1LE
Tel: +44 (0) 1892 522 585
Email: gary@tunnellingjournal.com
Web: www.btsconference.com
General Information

Attendee Badges
Badges must be worn at all times. Badges will also be requested at social events.

Banks
ATM cash machines can be found at Barclays Bank located on the corner of Victoria Street, approximately 2 minutes walk from the QEII Centre.

Business Centre
Business Centre
For all your business service needs, including photocopying and faxing, please visit the Business Centre situated on the Ground Floor. The Business Centre is open from 08.00-18.00 Monday to Friday.

Cloakroom
The Cloakroom is located on the Ground Floor and is open from 08.00 to 18.00 and is provided free of charge. Please note that whilst your personal luggage is allowed to be stored in the Cloakroom, the venue do not allow conference bags to be deposited.

Lost Property
Please keep a close eye on your belongings at all times and utilise the cloakroom facilities at all times. Please ensure you clearly label your delegate bag, only one bag per person will be distributed. Any lost property items will be sent to the Business Centre on the Ground Floor in the first instance.

Public Address System
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Security
A security service will be in operation. However the Organisers cannot be held responsible for any loss. All staff and visitors to the QEII are encouraged to notify Security Control on extension 4444 should they become suspicious of any activity, bag or package.

Health and Safety
Raise the alarm immediately, either operate the nearest break glass call point, or dial 4444 and report verbally. Once the alarm is raised a two-tone general alert will sound briefly, followed by an automated PA announcement stating the alarm is being investigated. During this time, Floor Wardens who are trained members of the QEII staff will make their way to the designated floors to reassure people that the situation is under control. Unless there is obvious evidence of a fire no immediate action is required. Once the cause of the alarm has been established, an announcement will be made stating whether the alarm is false, or a real emergency, in which case further instructions will be given, and a Voice Alarm will direct you when to evacuate. Do not use the lifts, once out of the building make your way to the assembly point on the QEI lawn at the front of the building. Do not re-enter the building until given clearance by the QEI security team.

First Aid
Qualified First Aiders are on site during all events. Should you have a medical emergency notify Security Control on 4444, using the grey coloured phone or contact a member of staff, and a First Aider will be despatched. There is a First Aid Room on the ground floor to which First Aiders have access. The First Aider will arrange for an ambulance should this become necessary.

Taxis
You can pre-book a taxi by contacting the Business Centre who will be delighted to assist you. However, you are advised that the quickest way to secure a taxi is to exit the venue and make your way onto Victoria Street, directly in front of the venue, as there are taxis passing here all the time.

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The BTS 2018 drinks reception will take place after the BTS evening meeting on Tuesday 9th October from approximately 7.30pm to 8.30pm.

The drinks reception is open to all delegates, exhibitors and visitors, including those who attended the BTS meeting.

There will be enough for everyone to have 2 or 3 drinks, but please drink responsibly.

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E: info@tesuk.co.uk
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# Conference Programme

## Day 1 - Tuesday 9th October

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<tr>
<td>9.05am – 9.45am</td>
<td>Gus Klados, Kuala Lumpur MRT Tunnelling Director: 45 years of managing tunnelling risk</td>
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<tr>
<td>9.45am – 10.20am</td>
<td>Professor Arnold Dix – ITA EXCO Rep: Strategies to manage catastrophic failures in construction and operation as nations scramble to stretch the boundaries of underground solutions</td>
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<td>10.20am – 10.45am</td>
<td>Sue Kershaw – KPMG Project Representative appointed to act as the Secretary of State’s Representative in HS2</td>
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<tr>
<td>10.45am – 11am</td>
<td>Q&amp;A</td>
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<td>11am – 11.30am</td>
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<tr>
<td>11.30am – 11.50am</td>
<td>Miles Ashley: Project 13, Transaction to Enterprise, A New Approach To Infrastructure Delivery</td>
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<tr>
<td>11.50am – 12.10pm</td>
<td>Cedric Wong and Patrick Bravery: ITIG Code of Practice for Risk Management of Tunnel Works – Initial findings of the review and next steps</td>
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<td>12.10pm – 12.30pm</td>
<td>Dave Hindle, Innovative Support Systems Ltd.</td>
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<td>12.30pm – 12.50pm</td>
<td>Martin Smith and James Maclure: The FIDIC “Emerald Book” – a new contractual standard for the tunnelling industry</td>
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<td>12.50pm – 1pm</td>
<td>Q&amp;A</td>
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<td>1pm – 2.15pm</td>
<td>Lunch Networking and Exhibition</td>
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<td>2.15pm – 3.15pm</td>
<td>International Client Panel Discussion hosted by - Bill Grose How well do tunnelling contractors, designers and suppliers understand their clients and deliver what they need? Do the contracts between them help or hinder? Does the tunnelling industry and its clientele have a shared vision of the future? How differently are projects run in the UK to other countries and are there lessons to be learned?</td>
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<td>3.15pm – 3.45pm</td>
<td>Coffee</td>
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<td>3.45pm – 4.05pm</td>
<td>Thibaut Lockhart and Greg Berger, Bouygues: Doha’s IDRIS - New technology on the Qatar sewage tunnel</td>
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<td>4.05pm – 4.25pm</td>
<td>Andy Thompson, Mott MacDonald: Undersea transport links – a bored tunnel in a major shipping lane</td>
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<td>4.25pm – 4.45pm</td>
<td>Andreas Raedle, Arup: Tunnelling in South East Asia Region</td>
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<td>4.45pm – 5.05pm</td>
<td>Charles Allen, OTB Concrete: Biogenic corrosion in sewer tunnels – new approaches and solutions in Singapore</td>
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<td>6.00pm – 7.30pm</td>
<td>BTS Evening Meeting – The Brenner Base Tunnel: Construction and Risk Management Raffaele Zurlo, the Italian CEO of BBT SE</td>
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<td>7.30pm</td>
<td>Drinks Reception for delegates, exhibitors and pre-registered visitors</td>
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<tr>
<td>9.05am – 9.10am</td>
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<td>9.10am – 9.40am</td>
<td>Ivor Thomas, BTS Chair – The David Wallis Lecture</td>
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<td>9.40am – 10.10am</td>
<td>Professor Robert Mair, Cambridge University, President, Institution of Civil Engineer - Developments in Smart Infrastructure and Construction for Tunnelling</td>
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<td>10.10am – 10.30am</td>
<td>Kate Hall – HS2 Design Director</td>
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<td>10.30am – 10.50am</td>
<td>Derek Parody, A303 Amesbury to Berwick Down Project Director, Highways England – More than a tunnel: Maximising the benefits of a major infrastructure project in a World Heritage Site</td>
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<td>10.50am – 11am</td>
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<td>11am – 11.30am</td>
<td>Coffee</td>
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<td>11.30am – 12pm</td>
<td>Dr Benoit Jones - A 20-year history of stress and strain in a shotcrete primary lining</td>
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<td>12pm – 12.20pm</td>
<td>Rosa Diez, Project Director, Mott MacDonald - Testing sprayed waterproofing membranes for composite action</td>
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<td>John Cumins, Dragados, and Cate Anthony, Dr Sauer &amp; Partners: Delivering The Bank Station Capacity Upgrade Project</td>
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<td>12.40pm – 1pm</td>
<td>David Manning, Highways England, The Lower Thames Crossing: A new tunnel connecting Kent, Thurrock &amp; Essex</td>
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**Contact:** Santiago VILLOSLADA  
**Telephone:** +34 606 87 82 40  
**Email:** s.villoslada@grupoalgaher.com  
**Website:** www.algaher.com/en/

We are a Spanish company that designs and produces EPDM gaskets and profiles since 1987. We work with different raw materials depending on the Standards of application. We are specialized in designing and producing TUNNEL SEGMENT GASKETS. We are capable of manufacturing glued, anchored and hydrophilic combined gaskets. All our productions are made according to STUVA Recommendations and EN 681-1:1996.

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**Ampcontrol**  
21 Old Punt Road, Tomago, NSW 2322, Australia  
**Stand No. B62**

**Contact:** Emily Gavranich  
**Telephone:** +61 2 4961 9000  
**Email:** emily.gavranich@ampcontrolgroup.com  
**Website:** www.ampcontrolgroup.com

Ampcontrol delivers integrated electrical, electronic and control solutions to improve safety and efficiency in mining, renewable, infrastructure and industrial applications. What sets us apart is our ability to engineer unique solutions that deliver on both performance and reliability. To achieve this, we work in partnership with our customers, lending our electrical engineering expertise to their operational challenges. From the most complex electrical infrastructure to the most hazardous industrial environments, we engineer solutions which focus on whole of life optimisation.

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**ArcelorMittal**  
Vulcan Works, Birley Vale Close, Sheffield, UK  
**Stand No. F60**

**Contact:** David Monks  
**Telephone:** +44 (0) 7710 561705  
**Email:** david.monks@arcelormittal.com  
**Website:** www.arcelormittal.com/steelfibres

ArcelorMittal Fibres, part of the ArcelorMittal Group, the largest steel company in the world, is a global leader in providing reinforced concrete solutions. From our three state-of-the-art production facilities in the UK, Luxembourg and Poland, we develop, manufacture and supply premium quality steel fibres to construction markets around the world. We support you to ensure the success of your project from start to finish.

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**Associated Polymer Service Ltd**  
Don Valley Court, Oakes Green, Sheffield, S9 3WR, United Kingdom  
**Stand No. F30**

**Contact:** Neil Wathey - Charles Brodie  
**Telephone:** +44 114 244 7916  
**Email:** info@aps.uk.net  
**Website:** www.associatedpolymerservices.com

Associated Polymer Services Ltd has a number of separate divisions providing a full range of products and services to a wide range of industries, however the main focus of the business remains on Tunnelling, Geotechnical and underground construction all being covered by a QMS approved to BS9001:2015.
BTS Exhibitors

**Barchip EMEA Ltd**
Citywest Business Centre, 3013 Lake Drive, Citywest, Dublin, D24, Republic of Ireland

**Contact:** Denis Crehan  |  **Telephone:** +353 (0) 87 6916402
**Email:** dcrehan@barchip.com  |  **Website:** www.barchip.com

BarChip are leading Macro Synthetic Fibre solution experts, providing market leading high performance fibres, fully supported design solutions, full technical support, application support and quality control solutions to the tunnelling industry globally. Applications include sprayed concrete linings, precast segments, invert segments, precast elements, track slab, civil and mining applications.

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**BASF plc. Construction Chemicals**
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**Contact:** Richard Foord  |  **Telephone:** 07966 123397
**Email:** richard.foord@basf.com  |  **Website:** www.master-builders-solutions.basf.co.uk/en-gb

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**Bekaert Maccaferri Underground Solutions**
SkylineE40, Korte Keppestraat 23/02, 9320 Aalst – Erembodegem, Belgium

**Contact:** John Greenhalgh  |  **Telephone:** +44 (0) 7771 834 241
**Email:** contact@bm-underground.com  |  **Website:** www.bm-underground.com

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**Brenner Basistunnel BBT SE**
Piazza Stazione 1, 39100 Bolzano, Italy

**Contact:** Julia Gruber  |  **Telephone:** +39 (0) 471 0622 83
**Email:** Julia.Gruber@bbt-se.com  |  **Website:** www.bbt-se.com/en/

BBT SE: A European public limited company for the construction of a railway tunnel between Austria and Italy. At the request of the Republics of Austria and Italy and the European Union, BBT SE is planning and building the Brenner Base Tunnel.
**British Tunnelling Society**  
Institution of Civil Engineers, One Great George Street, London SW1P 3AA  
**Contact:** Mark Leggett | **Telephone:** +44 (0) 20 7665 2229  
**Website:** www.britishtunnelling.org.uk

The BTS is a Specialist Knowledge Society of the Institution of Civil Engineers (ICE). With a current membership of 868 individual members and 83 corporate members, it is one of the most vibrant gatherings of professional tunnellers in the world.

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**CEMEX UK Operations Ltd**  
CEMEX House, Evreux Way, Rugby, Warwickshire, CV21 2DT, United Kingdom  
**Contact:** James Fairclough | **Email:** james.fairclough@cemex.com  
**Website:** www.cemex.co.uk

We are a leader in the building materials industry that provides high-quality products and reliable service to both customers and the communities we work in. We aim to serve the needs of our customers and create value for our stakeholders by becoming the most efficient and innovative building materials company. CEMEX is dedicated to Helping Build a Greater Britain and couples financial achievements with a firm commitment to sustainable development.

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**Dr. Sauer & Partners Limited**  
11 Langley Avenue, Surbiton, Surrey, KT6 6QH, United Kingdom  
**Contact:** Emma Barnes | **Telephone:** +44 208 339 7090  
**Email:** london@dr-sauer.com | **Website:** www.dr-sauer.com

Dr. Sauer & Partners provides the full range of design and construction management services for tunnels, shafts and caverns. These services include initial consultation and feasibility studies, final design, supervision and construction management, tunnel inspection and condition surveys, rehabilitation, waterproofing and water control, geotechnical engineering, and mining support services.

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**Dräger UK Limited**  
Ullswater Close, Blyth Riverside Business Park, Blyth, Northumberland, NE24 4RG, United Kingdom  
**Contact:** Adam Barker | **Telephone:** +44 (0)1670 352891  
**Email:** marketing.uk@draeger.com | **Website:** www.draeger.com

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Epiroc is now a separate independent company from Atlas Copco. All our tunnelling equipment including sprayed concrete machines (Meyco), ventilation, loading and haulage, underground and surface drilling, hydraulic attachment tools, rock drilling tools and geotechnical equipment remain the same high quality but branded as Epiroc. We have an established record supplying bespoke underground solutions to your tunnelling contract needs.

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Fosroc Limited

Fosroc has over 80 years’ global experience in delivering solutions for construction and infrastructure projects. Working closely with architects, structural engineers, contractors and owners we can develop bespoke solutions for tunnelling projects using our range of concrete admixtures, supported by our range of waterproofing, grouting, concrete repairs, injection resins, waterstops, drainage membranes, polypropylene fibres, release agents and surface retarder products.
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Email UTT@mapei.co.uk or visit www.UTT.mapei.com for more information regarding the UTT team and how Mapei’s range of products can be used for your underground project.
FP McCann Limited  
Brascote Lane, Cadeby, Nuneaton, Warwickshire, CV13 0BB, United Kingdom

**Stand No. B70**

**Contact:** Stuart Carson  |  **Telephone:** +44 (0)7850 234 136  
**Email:** sales@fpmccann.co.uk  |  **Website:** www.fpmccann.co.uk

FP McCann manufactures and supplies a full range of precast Tunnel and Shaft products, including smoothbore shafts from 2.44m - 25m diameter, bespoke cover slabs, jacking pipes from DN450 - DN2400 and caisson rings from DN2100 - DN4000. Our products are BSI accredited to BS EN 9001, comply with the British Tunnelling Society Specification and the Civil Engineering Specification for the Water Industry.

Gall Zeidler Consultants  
102-104 Park Lane, Croydon, Surrey, CR0 1JB, United Kingdom

**Stand No. F58**

**Contact:** Kurt Zeidler  |  **Telephone:** +44 (0)208 686 6887  
**Email:** kzeidler@gzconsultants.com  |  **Website:** www.gzconsultants.com

We provide worldwide services in Geotechnical Engineering; Civil Engineering and Tunnel Design. We specialize in the design of complex underground schemes and shafts, ground improvement methods (e.g. ground freezing, grouting) and waterproofing. From planning to construction, each design is tailored to suit the Clients’ requirements and we offer a bespoke range of Tunnel related services and solutions. Our construction support / management services provide a seamless link between design and construction.

GCP Applied Technologies  
580-581 Ipswich Road, Slough, Berkshire, SL1 4EQ, United Kingdom

**Stand No. F47**

**Contact:** Damian Thomas  |  **Telephone:** +44 (0) 7808 635 183  
**Email:** damian.thomas@gcpat.com  |  **Website:** www.gcpat.com

GCP Applied Technologies is a leading global provider of construction products technologies including TYTRO® ground support and tunnel lining solutions, high performance pre-applied PREPRUFE® PLUS and post-applied INTEGRITANK® waterproofing systems, DE NEEF® leak sealing injections, VERIFI® in-transit concrete management system, pre-cast concrete solutions and fire protection. Visit booth F47 to learn about our proven solutions for large scale and complex mined, cut & cover and bored tunnelling projects.

Geotechnical Observations Limited  
The Peter Vaughan Building, 9 Avro Way Brooklands, Weybridge, Surrey, KT13 0YF, United Kingdom

**Stand No. B8**

**Contact:** Dr Andrew Ridley  |  **Telephone:** 01932 352040  
**Email:** admin@geo-observations.com  |  **Website:** www.geo-observations.com

Geotechnical Observations provide structural and geotechnical monitoring for civil engineering projects. Our services include advice on what type of instrumentation will work best, procurement of the best instruments, installation of the instruments, reading of the instruments (manually and automatically), reporting and help in understanding the results. Geotechnical Observations is the I&M provider for the Northern Line Extension project.
Golder Associates (UK) Limited  
1 South Parade, Doncaster, South Yorkshire, DN1 2DY, United Kingdom  
Contact: John Elliott, Director – Underground Infrastructure Division  
Telephone: +44 0 1302 329911  Email: jelliott@golder.com  Website: www.golder.com  
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Herrenknecht AG  
Schlehenweg 2, 77963 Schwanau-Allmannsweier, Germany  
Telephone: +49 7824 302 0  Email: pr@herrenknecht.de  Website: www.herrenknecht.com  
Herrenknecht is a technology and market leader in the area of mechanized tunnelling systems. As the only company worldwide, Herrenknecht delivers cutting-edge tunnel boring machines for all ground conditions and in all diameters – ranging from 0.10 to 19 meters. The Herrenknecht product range includes tailor-made machines for transport tunnels (Traffic Tunnelling) and supply and disposal tunnels (Utility Tunnelling).

Innovative Support Systems Ltd  
10-11 Fountain Parade, Mapplewell, Barnsley, S75 6FW, United Kingdom  
Contact: Phil Richardson  Telephone: +44 (0) 1226 381155  Email: info@iss-eng.com  Website: www.iss-eng.com  
Innovative Support Systems Ltd are a UK based manufacturer and supplier of environmentally friendly low carbon embankment, ground, shaft, bridge, viaduct, sea defence and tunnel support systems that allow the use of recycled material.

ISONOMIC  
Eastgarden, 1311, 83-85 Spring Street, Bondi Junction, Sydney, NSW, 2022, Australia  
Contact: Emma Parker  Telephone: +61 411 475 444  Email: emma@isonomic.org  Website: www.isonomic.org  
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Kern Tunneltechnik LTD
City Point, 1 Ropemaker Street, London, EC2Y 9HT, United Kingdom
Contact: Annalisa Kern | Telephone: 0044 (0) 207 153 1055
Email: a.kern@kern-tunneltechnik.com | Website: www.kern-tunneltechnik.com
Kern Tunneltechnik is an international company providing high-tech solutions for the Tunnelling. With a team composed of specialists with proven experience and with continuous research and development, the company has been able to revolutionize the market for Secondary Lining Formworks and Tunnelling Machines. In the past 5 years Kern Tunneltechnik developed innovative Engineering solutions for demanding projects in UK.

Komatsu Mining Corp
West Quay Road, Sunderland, Tyne & Wear, SR5 2TD, United Kingdom
Contact: Rebecca Crossley | Telephone: +44 (0) 7860704801
Email: rebecca.crossley@mining.komatsu | Website: www.mining.komatsu
Komatsu Mining Corp is a leading supplier of tunneling services and equipment, including crushing and conveying systems. Maximise operational efficiency with Joy conveyor systems designed to move materials over long distances while negotiating horizontal and vertical curves. The Joy high angle conveyor (HAC) system is a proven method for conveying materials 90° vertically from tunneling operations to the surface.

KrampeHarex GmbH & Co. KG
Pferdekamp 6-8, Hamm, 59075, Germany
Contact: Wilhelm Nell | Telephone: +49 173 5241137
Email: Wilhelm.nell@krampeharex.com | Website: www.krampeharex.com/en/
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London Bridge Associates
Cranhurst Lodge, 37-39 Surbiton Hill Road, Surbiton, Surrey, KT6 4TS, United Kingdom
Contact: Ken Spiby | Telephone: +44 (0) 208 399 8614
Email: welcome@lba.london | Website: www.lba.london
London Bridge Associates (LBA) have used their substantial experience of tunnelling and underground works to develop and support TIM (Tunnelling Information Management). This web-based system concentrates on providing the real-time data that the management team need to see to make informed decisions, and to drive continuous improvement in safety, quality, and programme, to reduce risk and cost, and to facilitate handover, improving record keeping and supporting collaboration.
FP McCann offers a complete range of Tunnel and Shaft solutions including our Smoothbore Shafts from 2.44m - 25m diameter, bespoke cover slabs made to specification, full range of Jacking Pipes from DN450 - DN2400 and Caisson Rings from DN2100 - DN4000. All FP McCann products are Design Chemical Class 4 (DC4) compliant.
Macrete Ireland Ltd
Stand No. B55
50 Creagh Road, Toomebridge, County Antrim, BT41 3SE, Northern Ireland
Contact: Iain Hogg | Telephone: 028 796 50471
Email: iain.hogg@macrete.com | Website: www.macrete.com

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Major Diamond Supplies Ltd
Stand No. B56
Unit 23, Rothersthorpe Crescent, Northampton, Northamptonshire, NN4 8JD, United Kingdom
Contact: Shayne Major | Telephone: +44 (0)1604 767600
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Mapei UTT
Stand No. F52
Mapei House, Steel Park Road, Halesowen, West Midlands, B62 8HD, United Kingdom
Contact Name: Steve Price | Telephone: 0121 508 6970
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Minova
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Email: robert.fisher@minovaglobal.com | Website: www.minovaglobal.eu

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MST Global
Stockport BIC, Broadstone Road, Greater Manchester, SK5 7DL

Contact: Keith Bloomer | Telephone: +44 (0)7771 924761
Email: k.bloomer@mstglobal.com | Website: www.mstglobal.com

MST Global specialise in the development of innovative technology and hardware solutions designed to optimise productivity and enhance safety for tunnelling and mining operations. We provide fit-for-purpose voice and data communications systems, digital network infrastructure, safety systems, and vehicle, asset and personnel tracking solutions that integrate and scale to meet the diverse needs of our customers around the world.

Normet UK
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Contact: Robin Swift | Telephone: + 44 (0) 7714261943
Email: robin.swift@normet.com | Website: www.normet.com

Normet offers a broad underground advanced solutions for selected customer processes in mining and tunnelling, Normet encourages a strong partnership with its customers, the approach is centred around on packaging technical solutions comprising:
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Optimas Solutions
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Pacadar
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Contact: Keith Rodgers | Telephone: +44 (0) 7818 589 484
Email: keith.rodgers@pberutherford.com | Website: www.pberutherford.com

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Pinssar
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Contact: Francois Velge | Telephone: +61 437 255 566
Email: FVelge@pinssar.com.au | Website: www.pinssar.com.au

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QME Ltd
Coolfore Road, Ardbraconn, Navan, Co. Meath, Ireland, C15KXY3

Contact: John Rooney | Telephone: +353 871 491 945
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Reliable Contractors LTD
301 Northdown Road, Margate, Kent, CT9 3PA, United Kingdom

Contact: Brian Greene | Telephone: +44 (0)207 164 2004
Email: info@reliablecontractors.co.uk | Website: www.reliablecontractors.co.uk

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**Royal IHC**  
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Shay Murtagh Precast
Riverdale, Raharney, Mullingar, Co. Westmeath, Republic of Ireland

Contact: Daisy Cleary | Telephone: +353 44 937 4108
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Shay Murtagh Precast is a market leader in the field of precast concrete solutions. With over 40 years of experience in the industry the company is renowned for the size and scale of products it has produced for some of the most complex infrastructure projects throughout the Utility, Commercial and Rail sectors across the UK and Ireland.

Sika Limited
Watchmead, Welwyn Garden City, Herts, AL7 1BQ, UK

Contact: Steve Beckett | Telephone: +44 (0)7970 122208
Email: beckett.steve@uk.sika.com | Website: www.gbr.sika.com

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SOPREMA CIVILROCK
4 Lancaster Way, Earls Colne Business Park, Colchester, Esssex, CO6 2NS, United Kingdom

Contact: Vanessa Dos Santos | Telephone: +44 (0) 7770 721 636
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Contact: Kerry Smith | Telephone: + 44 151 691 6682
Email: ksmith@tsproducts.co.uk | Website: www.tsproducts.co.uk

TechCon specialise in the supply of specialist construction products such as Injection Resins, Injection Pumps, Injection Accessories including packers. TechCon can also provide site support and product training for all products.
**Technical Tunnelling Components**

Unit k Radius Court, Tungsten Park, Coventry Road, Hinckley, Leicestershire, LE10 3BE, United Kingdom

Contact: Graham Langshaw | Telephone: +44(0)1455 234401  
Email: graham@ttcltd.org | Website: www.ttcltd.org

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**Tempo PCE**

6-7 Neeld Parade, Wembley, London, HA9 6QU, United Kingdom

Contact: Tom Phillips | Telephone: 020 3794 4325  
Email: tlp@tempo-pce.com | Website: www.tempo-pce.com

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**The Robbins Company**

29100 Hall Street, Solon, Ohio, 44139, United States of America

Contact: Nancy Yun | Telephone: +1 253 872 0500  
Email: yunn@robbinsbm.com | Website: www.therobbinscompany.com

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**Tracey Concrete**

Old Rossorry, Ennskillen, Fermanagh, Northern Ireland, BT74 7LF, United Kingdom

Contact: Darren Maguire | Telephone: 028 66 326437  
Email: headoffice@traceyconcrete.com | Website: www.traceyconcrete.com

Tracey Concrete is one of the largest precast concrete manufacturers in the UK and Ireland. Tracey Concrete is a leading UK supplier of precast tunnelling products, manufacturing a wide range of Jacking Pipes, Caisson Rings and Shaft Slabs. With our vast experience and expertise in the industry we have supplied some of the biggest projects in the UK.
Trolex Limited
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Contact: Mark Bennett | Telephone: +44 (0)161 483 1435
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Tunnel Engineering Services (UK) Ltd
Stand No. F15
Unit 601 Phoenix Park Industrial Estate, Phoenix Close, Heywood, Lancashire, OL10 2JG, United Kingdom

Contact: Alan Worsley | Telephone: +44 (0)161 6266005
Email: info@tesuk.co.uk | Website: www.tesuk.co.uk

Tunnel Engineering Services (UK) Ltd design, manufacture and hire tunnelling machines and equipment including: Tunnel Boring Machines, Mechanised Excavator Machines, Roadheader Machines, Auger & Guided Auger Bore Machines, Power Packs, Pipe & Shaft Jacking and Special Purpose Equipment. In 2018 as part of our ongoing company aims, TES relocated to new larger premises and gained accreditation for BSEN1090:EXC3 and ISO9001:2015.
Victaulic
Units B1 & B2, Unit 14., Off Gunnels Wood Road, Stevenage, Hertfordshire, SG1 2NB, United Kingdom

Contact: Dennis Roof  |  Telephone: +44 1438 310 690
Email: VicEuro@victaulic.com  |  Website: www.victaulic.com

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VIP-Polymers Ltd
15 Windover Road, Huntingdon, Cambridgeshire, PE29 7EB, United Kingdom

Contact: Matthew Levitt  |  Telephone: +44 1480 442565
Email: matthew.levitt@vip-polymers.com  |  Website: www.vip-polymers.com

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VVB Engineering Limited
DeBeauvoir Farm, Church Road, Ramsden Heath, Billericay, Essex, CM11 1PW, United Kingdom

Contact: Nick Beedle  |  Telephone: 01268 711845
Email: enquiries@vvb-eng.com  |  Website: www.vvb-eng.com

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Epiroc was formed to be a stronger partner for you in tunnelling, including infrastructure, mining and natural resources, building on 140 years of proven expertise. Dynamic by design.

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