



+1

Conference and Exhibition Guide

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On behalf of the British Tunnelling Society, I am very pleased to be welcoming you to the BTS 2020+1 Conference and Exhibition.

Of course, this should have been held in 2020, but the global pandemic saw much disruption and many changes, not least to BTS events, the Annual Dinner, and this conference. I am pleased to say that the future of tunnelling in the UK is secure – we see many ongoing projects together with several 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.

We have prepared a wide range of topics, and excellent speakers from across our industry and beyond. The world is changing, and issues such as carbon reduction, mental health and pandemic resistance are now critical to how we develop underground space.

So, plenty to listen to even in the first hour of the conference with a broad range thereafter. You will find that the subjects for the conference 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 be missed. This year the subjects of the use of Digital in Construction and Innovation will almost certainly promote an interesting and lively 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 the speakers and exhibitors. My thanks also extend to our conference and exhibition organisers Tunnelling Journal. I want to particularly thank the Past BTS Chairs, Roger Bridge, and Mark Leggett, who have 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.

Kate Cooksey - Chair



COVID 19 Information for all Visitors to BTS 2020+1

Registration and Arrival

- On arrival all guests are kindly asked to use the hand sanitisers located in the entrance
- A thermal imaging camera is located at the entrance to assess body temperature. Any guest with a temperature over 100.4 F, 38.0 C will not be permitted to enter as this indicates a possible fever
- We will work with any guests who show signs of fever
- In line with the government advice relating to Step 4 in its road-map the QEII Centre will require all visitors to show evidence of a negative lateral flow test dated within 48 hours of attendance (reported on the Government website & displayed via text or via the NHS app) or proof of double vaccination no less than 14 days before attendance (displayed via the NHS app or NHS website). If you aim to take this route, please ensure you register for this in advance to avoid any delays. Please note that the NHS app is not the same as the contact tracing app that you use to check into venues.

Please note that this is a condition of entry to the Centre

During the Event

- We recommend delegates carry out regular 20 second hand washes
- All BTS 2020+1 visitors are required to wear a face covering when in public areas. Once you reach the event floor it will be each visitors choice as to whether you continue to wear your face covering. Visitors to the QEII will not be admitted to the site if they are not wearing a face covering or cannot present evidence of why they cannot wear a covering (lanyard/certificate). This is for the safety and confidence of all.

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

Strictly No Admission To Under 16's

Exhibition Open times:

**Thursday 30th September
8.30 – 18.00**

**Friday 1st October
8.30 – 16.00**

The Exhibition team is:

Tris Thomas: Event Director

Gary Tween: Event Director

Daniel Lee-Billinghurst: Sales Director

Mark Piper: Registration Director

Kristina Smith: Event Manager

Organisers Office:

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

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.

Prohibitions

The Organisers of the BTS 2020+1 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.



BTS 2020+1 Conference and Exhibition is organised by Tunnelling Journal on behalf of the British Tunnelling Society

Tunnelling Journal

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



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.



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.



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

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. 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 QEII lawn at the front of the building. Do not re-enter the building until given clearance by the QEII security team.

The BTS 2020+1 drinks reception will take place after the BTS evening meeting on Thursday 30th September 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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Conference Programme

DAY 1 – Thursday 30th September

9.15am – 9.20am:	WELCOME
9.20am – 9.50am:	Kate Cooksey, Chair of the British Tunnelling Society/ Senior Engineering Manager, Morgan Sindall – David Wallis Lecture – Tunnellers of the Future
9.50am – 10.20am:	Martin Knights FREng, Chair of London Bridge Associates Ltd/Former President of ITA – Managing our tunnelling legacy — A new initiative in Tunnel Asset Management
10.20am – 10.50am:	Dr Anthony Huszar, Global Health Security Lead, Mott MacDonald – Pandemic-resilient infrastructure
10.50am – 11.00am:	Q&A
11.00am – 11.30am:	COFFEE
11.30am – 11.50am:	Mark Carne, formerly CEO of Network Rail and EVP of Shell in the Middle East - hyperTunnel revealed: a new future for tunnel construction?
11.50am – 12.10am:	Elizabeth Reynolds, author of Underground Urbanism – should the law of the seas apply to the subsurface?
12.10am – 12.30pm:	Patrick Bravery, Global Head of Civil Construction, Liberty Specialty Markets – Insurance: current trends and future threats
12.30pm – 12.50pm:	Andy Alder, Tideway Programme Director – how are you doing? Mental wellbeing at the centre of Tideway programme delivery
12.50pm – 1.00pm:	Q&A
1.00pm – 2.00pm:	LUNCH
2.00pm – 2.20pm:	Lok Home, Robbins President – Non-Circular Tunnelling: A New Way Forward
2.20pm – 2.40pm:	Prof Mike Mooney, Co Grewcock Chair Professor of Underground Construction & Tunneling, Colorado School of Mines – Application of AI to Improve TBM Operations
2.40pm – 3.00pm:	Dr Angus Maxwell, Director and CEO, Maxwell GeoSystems – Quantification of Benefits of Digitalization in Tunnel Construction
3pm – 3.20pm:	Claude Loréa, Director from the Global Cement/Concrete Association – Developments in achieving Carbon Neutral Concrete
3.20pm – 3.30pm:	Q&A
3.30pm – 4.00pm:	COFFEE
4.00pm – 5.00pm:	Panel discussion, hosted by Kristina Smith: (how) is digital construction adding value?
6.00pm – 7.30pm:	BTS EVENING MEETING: Dr Nicky de Battista and Dr Alun Thomas – Closing the loop: Back analysis of sprayed concrete tunnel junctions
7.30pm – 8.30pm:	BTS DRINKS RECEPTION

DAY 2 – Friday 1st October

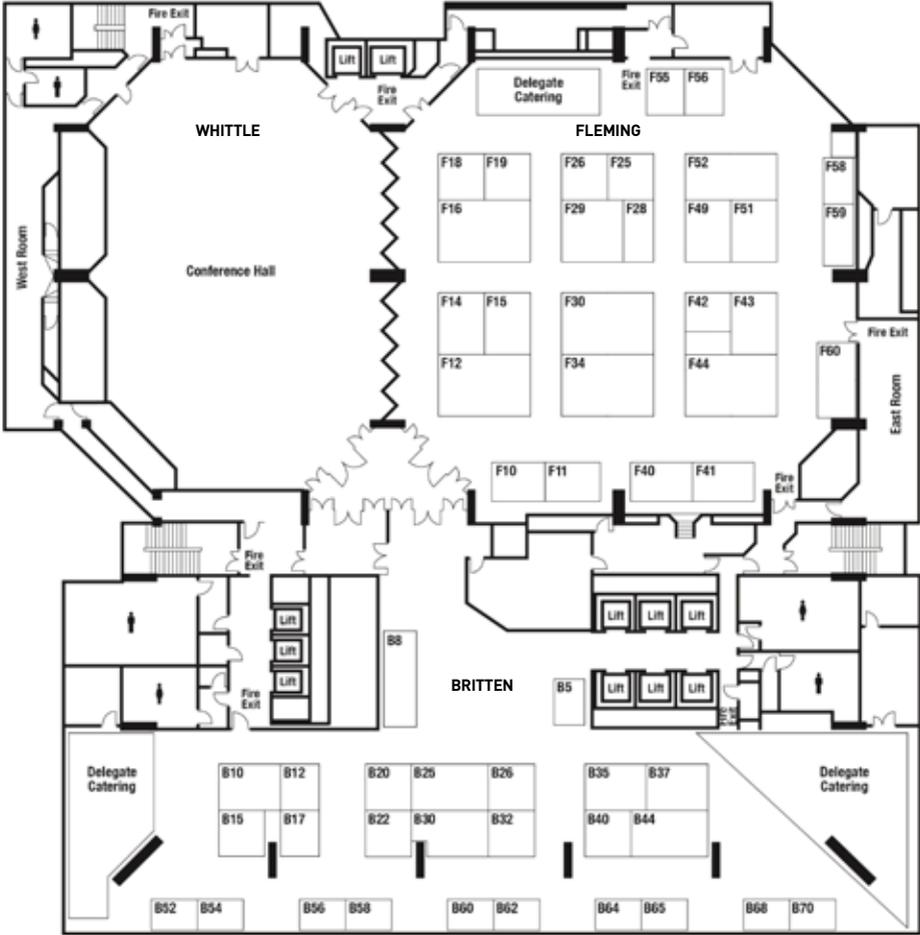
9.20am – 9.30am:	WELCOME
9.30am – 9.50am:	Mark Leggett, Key Account Leader, Mott MacDonald – The future of UK tunnelling
9.50am – 10.10am:	Jean-Luc Bischoff, Directeur Opérationnel Projets Internationaux, Eiffage Genie Civil – Grand Paris Express
10.10am – 10.40am:	Andy Sloan, FRSE Managing Director and Senior Vice President at COWI UK Ltd – The Glendoe Hydro Electric Project: Lessons learned following the collapse of the headrace tunnel
10.40am – 11.00am:	Q&A
11.00am – 11.30am:	COFFEE
11.30am – 11.50am:	Sinisa Galac, Project Director for Tunnels, Lower Thames Crossing Tunnels, National Highways – Lower Thames Crossing
11.50am - 12.10pm:	Maurice Gallagher, Jacobs Programme Manager, Deputy Delivery Manager Tideway East – Tideway retrospective
12.10pm – 12.30pm:	Alberto Gomez-Elvira Lopez, Director (Global Tunnel Lead), TYPSA – Challenges, innovations and lessons learnt during the design and construction of Riyadh Metro Line 5, an urban underground scheme in a karstic environment
12.30pm – 12.50pm:	Jérôme Furgé, Managing Director, Bouygues Travaux Publics UK – The Chiltern Tunnels: Challenges for the HS2 and its environment
12.50pm – 1.00pm:	Q&A
1.00pm – 2.00pm:	LUNCH
2.00pm – 2.40pm:	Dr.-Ing. Martin Herrenknecht – BTS 50th Anniversary – Innovations in mechanized tunnelling since 1971
2.40pm – 2.50pm:	Q&A
2.50pm – 3.50pm:	Innovation Panel hosted by Bill Grose
3.50pm – 4.00pm:	CLOSING COMMENTS



Exhibitor List

Company name			
ALGAHER S.A.	B56	Mapei UTT	F19
Alvenius	F30	Master Builders Solutions UK Ltd	F12
Amiblu Norway AS	B40	ME Mining Equipment Europe GmH	B22
ArcelorMittal Fibres	B15	MTI Tech Ltd	B58
Associated Polymer Service Ltd	F30	National Highways	B8
Bauer Equipment UK Ltd	B32	Normet UK	F16
Bekaert	F15	Optimas Solutions	F41
British Tunnelling Society	B30	Pinssar	F14
Brokk UK Ltd	F51	Polyfibres	F18
CEMEX UK Operations Ltd	F29	Renesco Group	B52
CIFA SpA	B68	Robbins	B26
CK Tech Ltd	F60	RVT Group	F14
Codel International Ltd	F59	Sika Limited	B37
DISCO - Dodin Campenon Bernard	F58	SISGEO SRL	F42
Dr. Sauer & Partners Limited	B20	Soprema UK Ltd	F34
Dräger UK Limited	F43	Strata Worldwide	B62
Edvirt UK	F60	TCOMET	B5
Elkem ASA	F28	Technical Tunnelling Components (TTC)	B44
FAMA	F26	TRADECC nv	B64
Fosroc International Limited	F40	Trox Limited	B25
Gall Zeidler Consultants	F55	Tsurumi Pump UK	B35
Grydale Europe Limited	F56	Tunnel Engineering Services (UK) Ltd	B10
Ha-Be Betonchemie GmbH	F25	Tunnelling Accessories	B44
Herrenknecht AG	F44	TunnelSkills	B60
HyperTunnel	F52	TYPSA Limited	F10
KrampeHarex GmbH & Co. KG	B12	Victaulic	F30
Macrete	B17	XL Industries	B65

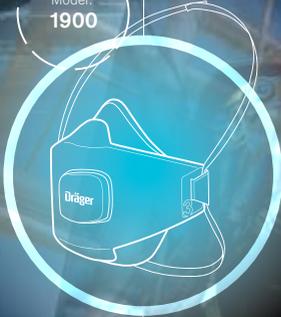




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Carretera de Corella Km1, Alfaro, La Rioja, 26540, Spain

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Email: s.villoslada@grupoalgaher.com | Website: www.algaher.com

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Amiblu Norway AS**Stand No. B40**

Østre Kullerød 3, 3241 Sandefjord, Norway

Contact: Leon Woods | Telephone: + 44 7786 013574
Email: Leon.Woods@amiblu.com | Website: http://www.amiblu.com/

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ArcelorMittal Fibres**Stand No. B15**

Vulcan Works, Birley Vale Close, Sheffield, South Yorkshire S12 2DB, UK

Contact: David Monks | Tel: +44 (0) 7710 561705
Email: david.monks@arcelormittal.com
Website: https://barsandrods.arcelormittal.com/wiresolutions/steelfibres

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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.

Bauer Equipment UK Ltd**Stand No. B32**

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Contact: Warren Arnold | Telephone: +44 (0) 1709 874555 - Mobile: +44 (0) 7789 557138
Email: warren.arnold@bauer.de | Website: https://www.bauer-equipment.co.uk/en/

BAUER Equipment UK Ltd are the U.K and Ireland subsidiary of deep foundation equipment manufacturer BAUER Maschinen GmbH. BEUK is also the UK and Ireland dealer for BAUER MAT Slurry Handling Systems, whose product range includes all manner of slurry mixing, separation, storage, and pumping equipment which is ideally suited to the tunnelling market.

Bekaert

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Bekaertstraat 2, 8550 Zwevegem, Belgium

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British Tunnelling Society

Stand No. B30

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 an Associated Society of the Institution of Civil Engineers (ICE). With a current membership of 855 individual members and 74 corporate members, it is one of the most vibrant gatherings of professional tunnellers in the world. Formed in 1971 to provide a forum for meetings and discussion on tunnel-related matters, the BTS also publishes industry guidelines and codes of practice; conducts training courses to advance the education of tunnelling professionals; actively supports the recruitment of young people to the industry; acknowledges excellence in tunnelling; sponsors and supports industry conferences; and advises Government and the general public on the tunnelling industry.

Brokk UK Ltd

Stand No. F51

Unit 2A, Moss End Business Village, Crooklands, Milnthorpe, Cumbria LA7 7NU, UK

Contact: Nathan Sayers | Telephone: +44 1539 566 055

Email: admin@brokkuk.co.uk | Website: <https://www.brokk.com/uk>

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CEMEX UK Operations Ltd

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CEMEX House, Evreux Way, Rugby, Warwickshire, CV21 2DT, UK

Contact: Paul Bradshaw

Email: pauljames.bradshaw@cemex.com | Website: www.cemex.co.uk

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CIFA SpA**Stand No. B68**

Via Stati Uniti d'America 26 - SENAGO 20030, Italy

Contact: Mr. Paolo Ferrante | Telephone: +39 02 990 131**Email: communication@cifa.com | Website: <https://www.cifa.com/en/>**

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Regent House, Welbeck Way, Peterborough, Cambridgeshire PE2 7WH, UK

Contact: Kevin Stubberfield | Telephone: +44 (0) 1733 834798**Email: info@ck-tech.co.uk | Website: <https://www.ck-tech.co.uk/>**

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Station Road, Bakewell, Derbyshire DE45 1GE, UK

Contact: Paul Keeling | Telephone: +44 7399 408 646**Email: paul.keeling@codel.co.uk | Website: <https://www.codel.co.uk/>**

CODEL International Ltd was initially formed in 1982 to design and manufacture gas monitors. Today our state-of-the-art analysers are supplied to a wide range of industries worldwide including power generation, combustion processes and are currently installed in over 500 road tunnels around the world. Continuous research and development drive CODEL to continually improve and increase the product range.

DISCO - Dodin Campenon Bernard**Stand No. F58**

9 Rue Ernest Flammarion, Chevilly-Larue 94550, France

Contact Name: Raphaël Gueulet | Telephone: +33 6 27 67 71 39**Email: dcb.disco@vinci-construction.com | Website: <https://sway.office.com/4k1a3Na5IoB9avAn>**

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11 Langley Avenue, Surbiton, Surrey, KT6 6QH, UK

Contact: Becky Hayward | Telephone: +44 208 339 7090**Email: london@dr-sauer.com | Website: www.dr-sauer.com**

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Stand No. F43

Ullswater Close, Blyth Riverside Business Park, Blyth, Northumberland, NE24 4RG, UK

Contact: Sophie Hanson | Telephone: +44 (0)1670 352891

Email: marketing.uk@draeger.com | Website: www.draeger.com

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Edvirt UK

Stand No. F60

Regent House, Welbeck Way, Peterborough PE2 7WH, UK

Contact: Tomislav Rogan | Telephone: +46 737 660 240

Email: tomislav.rogan@edvirt.com | Website: <https://www.edvirt.co.uk/>

Edvirt® is a Swedish simulation and training company that provides leading-edge virtual reality training technology to the mining and tunnelling industry. Edvirt® is also accredited by EFNARC and regularly holds EFNARC C2 courses to train sprayed concrete operators.

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Stand No. F28

17 Jessops Riverside, Brightside Lane, Sheffield S9 2RX, UK

Contact Name: Leon Pearson | Telephone: +44 7765 232284

Email: leon.pearson@elkem.com | Website: <https://www.elkem.com/silicon-products/construction/concrete/>

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Via della Fossa 6, 33080 ZOPPOLA DI PORDENONE, Italy

Contact: Danielle Maion | Telephone: +39 0434 979792

Email: info@famaspa.it | Website: <http://www.famaspa.it/>

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**BRITISH TUNNEL SOCIETY'S
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STAND F40

QEII CONFERENCE CENTRE, LONDON | 30TH SEPT – 1ST OCT 2021



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Fosroc International Limited

Stand No. F40

Drayton Manor Business Park, Coleshill Road, Tamworth, Staffordshire B78 3XN, UK

Contact Simon Morris | Telephone: +44 7768 040 134

Email: simon.morris@fosroc.com | Website: www.fosroc.com

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Gall Zeidler Consultants

Stand No. F55

102-104 Park Lane, Croydon, Surrey CR0 1JB, UK

Contact: Kurt Zeidler | Telephone: +44 (0)208 686 6887

Email: kzeidler@gzconsultants.com | Website: www.gzconsultants.com

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Grydale Europe Limited

Stand No. F56

The Yard, Clevelode Road, Malvern, Worcestershire, WR13 6PA, UK

Contact: Tony Smallwood | Phone: +44 (0) 1684 353 434

Email: enquiries@grydaleeurope.com | Website: <https://www.grydaleeurope.com/>

Grydale manufacture mobile industrial dust collectors being used to provide general ventilation and dust control at source on major tunnelling projects. Our internationally-patented JMS M-Series are complete dust collection systems where all components are mounted on a single mobile base. The range includes diesel, electric and hybrid systems with mobility options that include track, hydraulic stepping, drag skid, trailer mounted and castor wheel (Tow-able) units.

Ha-Be Betonchemie GmbH

Stand No. F25

Stüvestraße 39, 31785 Hameln, Germany

Contact: Jürgen Ziegler | Telephone: +49 178 329 20 76

Email: ziegler@ha-be.com | Website: <https://www.ha-be.com>

We develop concrete admixtures systems that are specially tailored to the requirements of TBM or conventional tunnelling. Our products are competed by the service of the Ha-Be Tunnel Team. The guys work on renowned construction sites around the world and helps to put the concrete technological requirements into practice, to create individual solutions and to realise them economically.

Herrenknecht AG**Stand No. F44**

Schlehenweg 2, 77963 Schwanau-Allmannsweiler, 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).

HyperTunnel**Stand No. F52**

Viewpoint, Basing View, Basingstoke, Hants, RG21 4RG, UK

Contact: Pippa Carson | Telephone: +44 (0)7768 774862**Email: pippa.carson@hypertunnel.co.uk | Website: <https://www.hypertunnel.co.uk>**

HyperTunnel is a UK tech start-up, developing radical new methods of tunnelling. Its aim is to transform underground construction by building tunnels faster, with less risk, and in a more economical and environmentally friendly way through the application of technologies proven in other industries. These include digital twins, robotics, 3D printing and digital underground surveying, supported by AI and VR.

KrampeHarex GmbH & Co. KG**Stand No. B12**

Pferdekamp 6-8, Hamm, 59075, Germany

Contact: Wilhelm Nell | Telephone: +49 173 5241137**Email: Wilhelm.nell@krampeharex.com | Website: www.krampeharex.com/en/**

KrampeHarex – World's largest private owned fibre producer. Consistent specialisation, continual development, service that is far above average, efficient quality management, and economic sustainability – we have the whole package, and it has enabled us to grow as a healthy company over the years. Today we are regarded as a renowned technological leader and clients from over 40 nations and a wide variety of industrial fields, from structural, underground, and civil engineering, depend on the ever growing “know-why” of KrampeHarex®. They know that our specialisation in the industry makes it possible for us to offer you the best solution. And more than that: Our competence, services, and quality promise are based on lived values rather than empty words.

Macrete**Stand No. B17**

50 Creagh Road, Toomebridge, Co. Antrim BT41 3SE, Northern Ireland

Contact name: Iain Hogg | Telephone: +44 (0) 28 796 50471**Email: iain.hogg@macrete.com | Website: www.macrete.com**

Macrete Ireland Ltd is one of the UK's foremost precision precast concrete manufacturers. From our design and manufacturing facility in Northern Ireland the company supplies innovative bespoke products and structures to the construction industry's main contractors throughout Britain and Ireland.

Mapei UTT

Stand No. F19

Mapei House, Steel Park Road, Halesowen, West Midlands, B62 8HD, United Kingdom

Contact Name: Steve Price | Telephone: 0121 508 6970

Email: info@mapei.co.uk | Website: www.utt.mapei.com

Mapei created the "Underground Technology Team" as underground constructions have their own unique character and complexity, from issues inherent in design, to the extraordinary working conditions. Our specialist technicians are capable of facing up to even the most unpredictable situations, to guarantee that work continues quickly and accurately, working tirelessly to provide the best outcome for clients.

Master Builders Solutions UK Ltd

Stand No. F12

Swinton Hall Road, Swinton, Manchester M27 4EU, UK

Contact Name: Richard Foord | Telephone: +44 7966123397

Email: richard.foord@mbcc-group.com | Website: <https://www.master-builders-solutions.com/en-gb>

Master Builders Solutions is a world leader in the provision of reliable, customer-oriented solutions focused on the needs of the tunnelling industry. Our outstanding technologies include sprayed concrete performance enhancers; sprayable bonded waterproofing membranes; injection technologies delivering safety, economy and performance to the tunnelling sector and a leading range of chemical technologies that ensures the safe and economical operation of tunnel boring machines.

ME Mining Equipment Europe GmbH

Stand No. B22

In den Dorfwiesen 23, Michelstadt, Hessa, 64720, Germany

Telephone: +49 6061 9796929

Email: pzeder@me-gmbh.com | Website: <https://www.miningequipmentltd.com>

We are happy to welcome innovative German manufacturer Mühlhäuser to the Mining Equipment family. We are excited for the opportunity to do what we do best: give contractors the best support in the industry, one project at a time. We deliver equipment for the transportation logistic in mines and tunnelling like Locomotives, Rolling Stock, Mine Hoists, mine winches, and ventilation equipment. This offering will be enhanced by Mühlhäuser's bold designs, engineering depth, and regional experience.

MTI Tech Ltd

Stand No. B58

Stockport BIC, Broadstone Mill, Broadstone Road, Stockport, Cheshire SK5 7DL, UK

Contact Name: Mr Keith Bloomer | Telephone: +44 161 505 0901

Email: keith.bloomer@mti-technology.com | Website: <https://mti-technology.co.uk/>

MTI Tech are a leading provider of mine and tunnelling communication networks that improve safety and productivity underground. We specialise in high bandwidth Mesh systems that are easy and quick to deploy. Our communication engineers have worked on many of the high profile tunnel projects over the past 20 years, including Crossrail, London Power Tunnels, Thames Tideway, UK Power Network Tunnels, and many more.

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Total Tunnelling Technology



Tunnel Engineering Services (UK) Ltd.

Unit 601 Phoenix Park Industrial Estate, Phoenix Close, Heywood OL10 2JG.
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National Highways

Stand No. B8

National Traffic Operations Centre, 3 Ridgeway, Quinton Business Park, Birmingham B32 1AF, UK

Contact: Sarah Walker | Telephone: +44 (0) 300 123 5000

Email: sarah.walker@highwaysengland.co.uk | Website: <http://highwaysengland.co.uk/>

Is a government company which plans, designs, builds, operates and maintains England's motorways and major A-roads, known as the strategic road network (SRN). We manage and improve the strategic road network to make journeys safer, smoother, and more reliable. Our priorities are safety, customers, and delivery. Our work includes the A303 improvement past Stonehenge between Amesbury and Berwick by creating a new dual carriageway with a tunnel, removing traffic from much of this iconic setting and the proposed Lower Thames Crossing.

Normet UK

Stand No. F16

Unit 5, Wheler Road, Coventry, West Midlands, CV3 4LB, United Kingdom

Contact Name: Edward Bellanti | Telephone: +44 (0)3332 809 966

Email: sales.uk@normet.com | Website: <https://www.normet.com/>

Normet is a fast growing and innovative technology company. We help our customers to build the safest places underground and by leading transformation into digitalised and sustainable underground mining and tunnelling.

Optimas Solutions

Stand No. F41

9 Rue Gutenberg, Sarreguemines Cedex F-57200, France

Contact Name: Christophe Delus | Telephone: +33 3 87 28 50 87

Email: christophe.delus@optimas.com | Website: <https://global.optimas.com/services/tunnels>

Tunnel infrastructure project owners around the world have come to trust Optimas for their fastener solutions – from dowel, bolting and injection systems to anchors and accessories. The same spirit during the last 30 years led us to be present on more than 400 projects, assisted by a commercial network across 9 countries.

Pinssar

Stand No. F14

2C, 50 Logan Road, Woolloongabba, Queensland, 4102, Australia

Contact Name: Francois Velge | Telephone: +61 (0)414 458 588

Email: fvelge@pinssar.com.au | Website: <https://pinssar.com.au>

Pinssar have developed a world-leading continuous diesel engine exhaust emissions (DEEE) monitoring system, specifically designed to withstand conditions in harsh environments, such as underground tunnels. DEEE is a serious risk for personnel working underground where diesel engines expel dangerous, carcinogenic exhaust emissions. Built to withstand the harshest of conditions, Pinssar's monitoring system helps companies protect the welfare of their workers by providing continuous, real time data for sustainable working conditions.

Polyfibres

Istanbul 34876, Turkey

Stand No. F18**Contact Name: Dilara UYSAL | Telephone: +90 216 452 90 16****Email: info@polyfibres.com | Website: <https://www.polyfibres.com/en>**

The first Synthetic Micro and Macro Reinforcement Systems producer in Turkey. Polyfibres® has transformed and revolutionized its products by combining space-age synthetic materials with unique designs and shapes. We now supply the international construction market with reinforcement fiber products that minimize cracking, improve material performance and add long-term durability in a wide variety of concrete and other applications.

Renesco Group

Seedorffeldstrasse 21, Moosseedorf, Berne, 3302, Switzerland

Stand No. B52**Contact: Stefan Lemke | Telephone: +41 31 388 74 20****Email: info@renesco.com | Website: www.renesco.com**

Renesco is a leading international company, specialized in the field of structural waterproofing and injections/grouting services. Established in 1965, Renesco is part of the Marti Group in Switzerland, an owner-operated family business that specializes in underground construction. Renesco provides all kind of specialty services for sealing operations in underground structures against pressurized and non-pressurized water, as well as injection/grouting works.

Robbins

29100 Hall Street, Solon, Ohio 44139, USA

Stand No. B26**Contact Name: Desiree Willis (U.S.), Tony Lewis (U.K.)****Telephone: +1 253 872 0500, +44 (0) 7970 216 420****Email: willisd@robbinstbm.com | Website: <https://www.robbinstbm.com/>**

With nearly 70 years of innovation and experience, Robbins is the world's foremost developer and manufacturer of advanced, underground construction machinery. We lead the way with ever-advancing products, like our bespoke mining applications for underground mine development, customized Crossover TBMs for variable ground, and more. Stop by our BTS stand B26 to learn more about our latest products and projects from our worldwide staff including U.K. representatives.

RVT Group

Prospect House, Riverside Way, Dartford, Kent DA1 5BS, UK

Stand No. F14**Contact: Vince Crane, Technical Manager | Telephone: UK - 0808 178 3286****Email: vince.crane@rvtgroup.co.uk | Website: <https://rvtgroup.co.uk/>**

RVT Group are a specialist hire company, offering ventilation and monitoring solutions to contractors who are working in tunnels, pits, shafts and other enclosed spaces. RVT Group are also well known for providing specialist dust, fume and noise control solutions. RVT Group are the primary distribution partner for the Pinssar DPR unit (Diesel Particulate Matter Monitor) in the UK.

Sika Limited

Stand No. B37

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

Contact Name: Sarah Langley | Telephone: +44 (0)1707 394 444

Email: waterproofing@uk.sika.com | Website: www.gbr.sika.com

Sika is a leading global company specialising in the manufacture and supply of chemical based products for construction and industry. In the UK, we provide market-leading solutions for concrete, waterproofing, roofing, flooring, refurbishment sealing & bonding and industry.

SISGEO SRL

Stand No. F42

Via F. Serpero 4/F1, Masate - MI 20060, Italy

Contact: Mr. Lorenzo Magni | Telephone: +39 02 957 641 30

Email: info@sisgeo.com | Website: <https://www.sisgeo.com/>

Sisgeo is a world leader company specializes in design, manufacturing and installation of high-precision measuring instruments for civil and geotechnical engineering applications. Sisgeo, based in Italy, was founded in 1993 and is among the few global manufacturers of vibrating wire sensors. Sisgeo has been able to realize important monitoring systems in dams, tunnels, landslides, historical buildings and large infrastructural works, operating successfully in many countries of the world.

Soprema UK Ltd

Stand No. F34

Soprema House, Freebournes Road, Witham, Essex CM8 3UN, UK

Contact: Adrian Walker | Telephone: +44 (0)330 058 0668

Email: info@soprema.co.uk | Website: <http://www.soprema.co.uk/en/>

An independent group since its creation over 100 years ago, SOPREMA is firmly established as one of the world's leading waterproofing companies. SOPREMA has been producing synthetic membranes for underground works since the mid 60's and has always been at the forefront of innovation.

Strata Worldwide

Stand No. B62

8800 Roswell Road, Ste 145, Sandy Springs, Georgia 30350, USA

Contact: Mike Rispin | Telephone: (+1) 385 234 1474

Email: info@strataworldwide.com | Website: <https://www.strataworldwide.com/tunneling>

Strata Worldwide is a global company of innovation and system development. With 29 years of underground experience, Strata brings its proven technologies to the global world of underground construction. Strata's mission is to provide advanced, differentiated technologies that keep working environments connected, safe and productive. We work alongside customers to incorporate solutions that support production, lower expenditures, and increase safety.

TCOMET

Stand No. B5

The Long Lodge, 265-269 Kingston Road, London, SW19 3NW, UK

Contact: Sergio de la Huz Pérez | Telephone: +34 666 575 111

Email: sergio.delahuz@tcomet.com | Website: www.tcomet.com

tComet designs, installs and maintains communications and safety systems in tunneling and mining such as Wi-Fi, radio and telephony deployment, tracking (RTLS), SCADA control systems (ventilation, environmental, automatized alerts), CCTV, traffic management, etc. Our field engineers have proven these solutions on international projects like Crossrail (UK), Chiltern Tunnel (UK), Follo Line (Norway) and others since 2005.

Strata Tunneling



An international company with 30 years of underground experience, Strata supports the global tunneling industry with products and technologies that help optimize operations by supporting production and enhancing worker safety.



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Contact: Mike Rispin, +1.385.234.1474

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Technical Tunnelling Components (TTC)

Stand No. B44

Unit K Radius Court, Tungsten Park, Coventry Road, Hinckley, Leicestershire LE10 3BE, UK

Contact: Graham Langshaw | Telephone: +44(0)1455 234 401

Email: graham@ttcltd.org | Website: www.ttcltd.org

Technical Tunnelling Components has over 40 years of experience manufacturing and supplying segment accessories such as connection bolts, grout/lifting sockets, segment packers along with the award winning Dowelock connection system. With in-house design and manufacturing capabilities TTC can offer bespoke products for challenging situations as well as a full range of standard segment accessories. TTC are Supplying components worldwide with an excellent service record.

TRADECC nv

Stand No. B64

Terbekehofdreef 50-52, Antwerp, 2610, Belgium

Contact: Barbara De Neef | Telephone: +32 3 828 94 95

Email: bdn@tradec.com | Website: <https://tradec.com/>

TRADECC nv is responsible for the worldwide sales of in-house developed construction chemicals based on polyurethane, acrylic, silicate and epoxy for water sealing, waterproofing, structural repair, soil consolidation and tunneling. We excel in waterproofing of construction joints, resins for water sealing and soil consolidation, repair mortars and carbon fibre materials for the repair and reinforcement of structures.

Trolex Limited

Stand No. B25

Newby Road, Newby Industrial Estate, Hazel Grove, Stockport SK7 5DY, UK

Contact: Mark Bennett | Telephone: +44 (0)161 483 1435

Email: mark.bennett@trolex.com | Website: www.trolex.com

For half a Century Trolex has, from its UK head office, been manufacturing and supplying gas, dust and environmental monitoring systems for the mining and tunnel construction industry together with supplying most major TBM manufacturers with OEM gas detection systems. Our system solutions are unique to the specific requirements of each project whilst still meeting the highest standards of safety, integrity, performance and reliability. To ensure that the all the systems currently deployed across numerous UK, and overseas, tunnelling projects are maintained to the highest possible standards Trolex have our own fully employed and trained service personnel to look after them.

Tsurumi Pump UK

Stand No. B35

Obart House, Liphook Way, 20/20 Industrial Estate, Maidstone, Kent ME16 0FZ, UK

Telephone: +44 (0)1622 585858

Email: enquiries@tsurumi.uk | Website: www.tsurumi.co.uk

Recently entering the United Kingdom as Tsurumi UK, by acquiring their distributor Obart Pumps; an established distributor of single phase pumps to the UK hire and construction market for over 40 years. Now the subsidiary of Tsurumi Europe GMBH, Tsurumi UK exclusively offer both 1-phase and 3-phase Tsurumi pumps to the UK market. Tsurumi is a global company, currently supplying its products to more than 45 countries across the globe, into some of the most demanding sites and toughest applications. A trusted product for challenging tunnel projects, construction, quarries and mining, Tsurumi is serious about quality and reliability. Tsurumi's range of general dewatering, high-head dewatering and slurry offer the very best in technology and durability.

Tunnel Engineering Services (UK) Ltd**Stand No. B10**

Unit 601 Phoenix Park Industrial Estate, Phoenix Close, Heywood, Lancashire OL10 2JG, UK

Contact: Alan Worsley | Telephone: +44 (0)161 626 6005**Email: info@tesuk.co.uk | Website: www.tesuk.co.uk**

Utilising leading edge technology, Tunnel Engineering Services (UK) Ltd design and build tunnelling equipment for the construction industry including: Tunnel Boring Machines (TBM's), Mechanised Tunnelling Machines, Auger and Guided Boring Machines, Special Purpose Gantry and Handling Systems along with back-up equipment including: pipe & shaft jacking equipment, power packs, muck-haulage and conveyor systems. Extensive range of equipment for hire.

Tunnelling Accessories**Stand No. B44**

Sidney Little Road, St Leonards on Sea, East Sussex, TN38 9PU, UK

Contact: Phil Benford or Karl Roberts | Telephone: +44 (0) 1424 854 112**Email: phil@tadrilling.co.uk | Website: <https://www.tunnellingaccessories.co.uk>**

Manufacturers of specialist products for Tunnelling and Pipejacking including Tunpac™ packers Tunlube™ gasket lubricant and grout guns .Agents for Hany – Mixing and Pumping Systems , Protan ventilation ducting , Bullflex , Baroid , Master Spray injection equipment , SEALABLE EPDM gaskets and Launch Seals and UNICRANE segment moulds. With over 40 years of experience we are the one stop shop.

TunnelSkills**Stand No. B60**

PO Box 10646, Lutterworth LE17 9EW, UK

Contact: Sam French**Email: fto@tunnelskills.org | Website: <https://www.tunnelskills.org>**

TunnelSkills is the National Specialist Training Forum for the Tunnelling Industry. Formed in 2008, TunnelSkills' primary objective is to benchmark safety and competence for all in the underground environment by promoting competence via on-site training and assessment leading to recognised accredited qualifications. We are showcasing our new Immersive Learning resources aimed at enhancing the quality of tunnelling training.

TYPSA Limited**Stand No. F10**

12th Floor, 5 Merchant Square, London, W2 1AY, UK

Contact: Javier OLAZABAL MORAN (Managing Director UK & Ireland)**Telephone: +44 (0)203 786 5000 | Email: agildea@typsa.com | Website: <https://www.typsa.com/>**

TYPSA is an independent consulting and engineering services group, a global leader in infrastructure, energy, environmental and city solutions. TYPSA has a wealth of experience in large international underground projects, providing design and technical support throughout the lifecycle of projects by relying on proven expertise in soil and rock mechanics, tunnel engineering, BIM and comprehensive modelling tools.

Victaulic

Stand No. F30

Units B1 & B2, Unit 14., Off Gunnels Wood Road, Stevenage, Hertfordshire, SG1 2NB, UK

Contact: Dennis Roof | Telephone: +44 1438 310 690

Email: VicEuro@victaulic.com | Website: www.victaulic.com

Since 1919, Victaulic's pipe joining and flow control solutions have optimized construction productivity and reduced risk, ensuring projects are completed safely, on time and within budget. Driven by a spirit of continuous innovation, Victaulic's portfolio of 100,000+ products and patented technologies promote freedom of design, as well as simplified inspection and maintenance for the life of any system.

XL Industries

Stand No. B65

11 Old Jewry 8th floor, London, EC2R 8DU.

Contact Name: Guillaume Decieux | Telephone: +44 7983 248 953

Email: gdecieux@xl-industries.fr | Website: www.xl-industries.fr

XL Industries offers vertical access solutions for the tunnelling industry. After France and Australia, XL introduces the XE5 top-down hoist in the U.K. It can be suspended and operational from day 1 as excavation works begin. It provides continuous access to the bottom of the shaft as it is being sunk. XL Industries is the only French manufacturer of construction hoists and vertical access bespoke equipment."

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Tsurumi are a Japanese manufacturer of electric submersible pumps and have been pumping groundwater in mines, tunnels and shafts since 1924. Tsurumi pumps have the power to perform and the strength to survive in the toughest of projects.

With a global presence and a reputation for reliability even in the worst applications they have recently entered the UK as Tsurumi (UK) by acquiring Obart Pumps, who have been a distributor of Tsurumi single and three phase pumps to UK rental and construction markets since 1976.

