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Empowering Readers: Our Most Precious Asset

Tunnel Construction at InnoTrans 2024

Together with the goal of the mobility transition, tunnelling is becoming increasingly important in the rail sector. Innovations for better safety and environmental protection will be a major attraction at this year's InnoTrans.

InnoTrans, a biennial (conducted every two years) event, now in its 14th edition is expected to be more innovative and international. This year the world's leading trade show for transport technology and mobility will be held from 24 to 27 September 2024.

Covering a total of 200,000 square metres and featuring 42 halls, the rail track and outdoor display site as well as the Bus Display in the Summer Garden, the Berlin Exhibition Grounds are almost fully booked. Everything to do with transport technology – Railway Technology, Railway Infrastructure, Tunnel Construction, Public Transport and Interiors – is on show at InnoTrans.

Tunnel Construction at InnoTrans 2024

Building underground links is crucial for shifting large volumes of road traffic onto rail tracks – because tunnels mean more efficient transport routes, with the added benefit of producing less



noise and environmental harm.

The Tunnel Construction segment at InnoTrans 2024 features over 30 exhibitors displaying the latest products and services which make building and operating tunnels safer and more efficient while minimising the environmental impact. In Hall 5.2 the focus is on tunnelling equipment and fire prevention, air-conditioning, ventilation, safety systems, engineering services and monitoring systems.

InnoTrans: One-stop shop for tunnelling and rail infrastructure

Together with the Tunnel Construction displays, the Railway Infrastructure segment covers a further seven halls featuring building materials, rail track and overhead line construction, measuring systems as well as signalling and control systems. Exhibitors displaying products in both segments include the engineering company Schübler-Plan GmbH (Hall 5.2, Stand 640), which among other works is currently supervising construction of Hamburg's new U 5 metro line. Others in this category include Porr Bau GmbH (Hall 25, Stand 410) with its civil engineering competence centre, Amberg Technologies AG (Hall 25, Stand 455)

from Switzerland, DB Bahnau Gruppe (Hall 25, Stand 440), voelstalpine Railway Systems from Austria (Hall 21, Stand 150), and the railway system supplier SPITZKE SE (Hall 5.2, Stand 330).

Brenner Base Tunnel: The world's longest underground rail link

The massive Brenner Base Tunnel project highlights the enormous potential of underground rail links. On Stand 620 in Hall 5.2 the operator BBT SE will present the project's aims, its technical implementation and the current state of progress. The Brenner Base Tunnel is due to be operational in 2032, when at 64 km in length it will be the world's longest underground rail link. A rail trip from Innsbruck to South Tyrol will take 25 instead of 80 minutes, and freight times will be reduced by two-thirds – from 105 to 35 minutes.

The Brenner Base Tunnel's main purpose is to shift a large amount of the goods traffic between Munich and Verona from roads onto tracks. The new rail section has almost no gradients, making it possible to deploy longer and much heavier trains. A single locomotive will be able to pull up to 2,000 tonnes of goods. Until now, two locomotives have been required for 1,400 tonnes.



Niedax: Smart cable-laying solutions

Niedax GmbH & Co. KG manufactures cable-laying systems. Its largest product category is cable support systems which must match up precisely with each other. "One of the biggest challenges of our times is combining wide-ranging climate action with a full-scale mobility transition. With our innovative electro installation products we are making an important contribution to digitalising rail transport and supporting the future of mobility", said Bruno Reufels, CEO of the Niedax Group. "At InnoTrans 2024 our exhibits will include smart cable-laying solutions. At the Niedax Group every digitalisation project is based on an integrated concept. In addition to consultations, planning and construction we take over production, project-specific packaging and transporting cable-laying systems." (Hall 5.2, Stand 810)



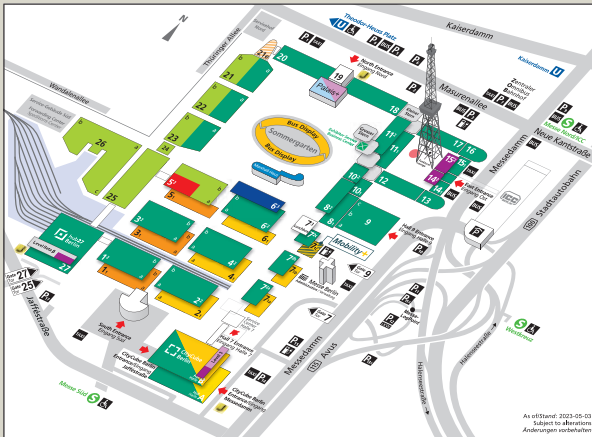


















InnoTrans 2024

24–27 SEPTEMBER · BERLIN

International Trade Fair for Transport Technology

Exhibition grounds



- | | |
|---|---|
|  Railway Technology |  InnoTrans Campus |
|  Interiors incl. Travel Catering & Comfort Services |  Opening Ceremony |
|  Railway Infrastructure |  InnoTrans Convention |
|  Tunnel Construction |  Speakers' Corner |
|  Public Transport |  Business Lounge (Marshall-Haus) |
|  Mobility+ |  Press Center |
|  Outdoor Display |  FoodCourt |
|  Bus Display |  Jelbi hub shared mobility Pickup & Drop-off for rental two-wheeled vehicles |

Contact

We look forward to seeing you in Berlin!

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THE FUTURE OF MOBILITY



Orascom Construction S.A.E.: Groundbreaking products from Egypt for the home market

Cairo-based Orascom Construction is one of the world's largest general construction companies. At InnoTrans 2024 it is highlighting its participation in current large-scale projects, including Egypt's first high-speed rail link, which when completed will be the sixth longest in the world. "We are also presenting our innovative ideas for a monorail project that will link key areas of Cairo – East Cairo, the new administrative capital and 6th of October city – which mark a significant step for urban transport", the company said. "In addition to demonstrating our technical expertise and commitment to a sustainable infrastructure it also highlights our successful collaboration with partner companies on state-of-the-art projects." (Hall 5.2, Stand 710)

FOGTEC: Innovative fire prevention solutions for rail vehicles

FOGTEC Brandschutz GmbH markets fire prevention solutions for rail vehicles and water-mist systems for tunnels. At InnoTrans 2024 the company is presenting fire prevention modules whose weight has been further reduced by employing innovative composite pressure containers – this benefits system integration and allows a freer hand with vehicle design. Where certification up to SIL-2 is concerned, the latest product developments ensure maximum protection for staff, passengers and infrastructure. "We are especially looking forward to meeting our customers, friends and partners at InnoTrans along with colleagues from our international branches, and to developing rail products for a safe, mobile and sustainable future", said the FOGTEC management board. (Hall 5.2, Stand 735)

Valente S.p.A.: Custom rail transport systems

Based in Lainate, Milan, Valente S.p.A. is a well-known manufacturer of equipment for rail vehicles, rail systems, tunnelling, mining and specialist steel structures. At InnoTrans 2024 the company is presenting its wide range of products for the tunnelling and mining sector. Valente also specialises in muck disposal vehicles, custom vehicles, mixers as well as high-performance diesel and electric locomotives. "Our participation in InnoTrans 2024 will open up new opportunities for collaboration and growth. We look forward to meeting with leading industry players and potential customers and to highlighting the success of our products and services with numerous projects such as the Port of Ravenna and Fincantieri Goliath Crane", the company said. (Hall 5.2, Stand 840)

International Tunnel Forum: Current challenges and sustainability efforts

Trade visitors can delve further into the subject with the InnoTrans Convention programme. On 25 and 26 September the International Tunnel Forum will take a concentrated look at the latest industry topics.

World Innovation Guide

In partnership with the DVV Media Group, Messe Berlin is publishing the exclusive World Innovation Guide. The guide presents world innovations from the five trade fair segments Railway Technology, Railway Infrastructure, Public Transport, Interiors and Tunnel Construction, which have never been seen before by trade visitors at any event.

In 2024 tours are offered several times a day, include ten stops and last around 90 minutes. International trade visitors and journalists are provided with headsets for simultaneous translations into English. Every participant can access a hand-out via a QR code with all relevant information.

Please register for the World Innovation Tours via innotrans@spree-pr.com.

International Press Circle

InnoTrans are organising a press event for journalists and representatives of industry associations on the day before the opening, on 23 September 2024. The International Press Circle offers a one-hour networking brunch where journalists can exchange ideas for their media coverage with association representatives in short slots. Following the International Press Circle, the World Innovation Press Tour will take place exclusively for media representatives before the start of InnoTrans and will showcase new products at the world's only track and open-air exhibition centre.

The InnoTrans Opening Ceremony (24.09.2024, 10.00 a.m. - 11.30 a.m)

More than 1,000 top national and international representatives from business, science and politics will gather at palais, Berlin for the opening of InnoTrans 2024. It will inaugurate by

- Dirk Hoffmann, COO, Messe Berlin GmbH
- Magda Kopczyńska, Director General (DG MOVE)
- Dr. Volker Wissing, Federal Minister for Digital and Transport

Also a panel discussions

- Presented by Astrid Frohloff "From Hype to Reality - AI in the mobility sector"
- Susanne Henckel, State Secretary at the Federal Ministry for Digital and Transport
- Dr. Richard Lutz, Chairman of the Board & CEO, Deutsche Bahn AG
- Mohamed Rabie Khlie, Director General, Moroccan National Railways Office (ONCF)
- Henri Poupert-Lafarge, CEO, Alstom S.A.
- Michael Peter, CEO, Siemens Mobility GmbH
- Javier Martínez Ojinaga, CEO, CAF Construcciones y Auxiliar de Ferrocarriles S.A.

The official opening tour will take place after the opening event.