



**ITA TUNNELLING
AWARDS 2024**
10 YEARS ANNIVERSARY

in collaboration with



Outstanding Finalists Announced!

25 finalists from the four quarters of the world benchmark exemplary advances in the international underground infrastructure industry

Transformation of rail services in Auckland and into Manhattan
Ground freezing to make possible projects in Singapore and Italy
CSO clean-up of the River Thames in London and
Innovative developments in AI and machine learning

these and more are the finalists of the 10th series of the 2024 ITA,
International Tunnelling and Underground Space Association, Tunnelling Awards

The finalists are selected to go forward to a second round of judging and to be the topics of presentation and roundtable discussion at the ITA Awards Symposium on 28 November in Genoa, Italy. Gold, Silver and Bronze Awards Trophies will then be awarded ahead of the day's grand gala dinner celebrations.

Shortlisted Finalists of the 2024 ITA Tunnelling Awards

YOUNG TUNNELLER OF THE YEAR



Luigi D'Angelo, Italy, 34



Hanan Samadi, Iran, 28



Adriano Martoccia, Italy, 33

BEYOND ENGINEERING

City Rail Link Goes Beyond in Tāmaki Makaurau, Auckland, New Zealand

Risk Control for Safe Shield Tunnelling Through Complex Strata of the Pearl River System, China

Eco-friendly Metro Construction for Challenging Coastal Geological Environments, China

Modern Underground Cemetery - Where Creativity, Sustainability and Efficiency Meet Tradition, Israel

TECHNICAL INNOVATION OF THE YEAR

Advanced Tunnelling Assistance System, Italy

Disc Cutter Wear Sensor Package and TBM Monitoring System, South Korea

MIRET-Tunnel AI, Italy



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Società Italiana Gallerie
Italian Tunnelling Society

PRODUCT/EQUIPMENT INNOVATION OF THE YEAR

Ultra-Small Turning Radius Hard Rock TBM, China

SOGUN: Geometric Control System for Shotcreting and Other Tunnelling Works, Spain

Advanced Hybrid Wireless Sensor Network System for Safety Risk Sensing in Tunnel and Underground Engineering, China

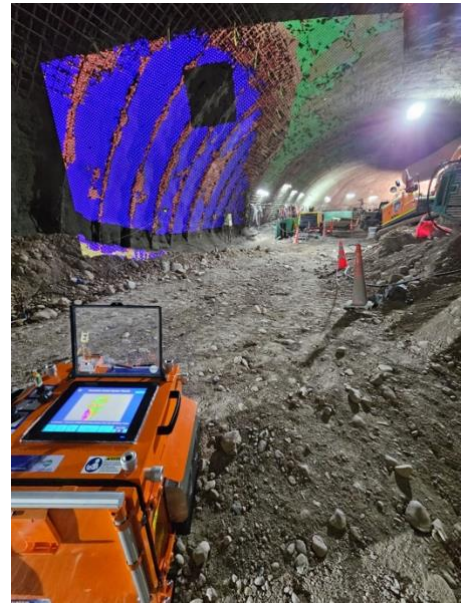
Type 0-90° Continuous Conveyor Equipment, China

RENOVATION PROJECT OF THE YEAR

Genoa Railway Junction Capacity Upgrade, Italy

Refurbishment of the Heinenoord Immersed Tube Road Tunnel, Netherlands

Manfreida Road Tunnel Renovation Project, Italy



1 Geometric control of shotcreting



2 Ground freezing was vital for the Isarco River underpass

PROJECT OF THE YEAR - €50-€500 MILLION

Lyon-Turin Saint-Martin-la-Porte Exploratory Tunnel, France

Brenner Base Tunnel - Lot H52 Hochstegen, Austria

Musaimmeer Pump Station and Outfall Project, Qatar

Isarco River Underpass - Lot H71, Brenner Base Tunnel, Italy

MAJOR PROJECT OF THE YEAR - €500 million+

Grand Central Madison, formerly East Side Access, New York, USA

Thames Tideway – London's Super Sewer, UK

Thomson-East Coast Line Contracts T222 to T310, Singapore

Single-bore Double-deck Municipal Expressway Tunnel with Super-large Diameter, China

Be part of the ITA Awards Symposium on the 28th of November and the SIG Conference on the 29th to support the finalists and applaud the outstanding achievements of the underground construction industry.

Follow the links for more details:

[Finalists of the ITA Tunnelling Awards 2024 – https://awards.ita-aites.org/](https://awards.ita-aites.org/)

[Registration for ITA Awards – https://awards.ita-aites.org/registration](https://awards.ita-aites.org/registration)

[Registration for SIG Conference – https://www.societaitalianagallerie.it/notizia/1999/ita-sig-50th-anniversary-celebration-tunnels-and/iscrizione/](https://www.societaitalianagallerie.it/notizia/1999/ita-sig-50th-anniversary-celebration-tunnels-and/iscrizione/)

[ITA Awards 2024 – https://awards.ita-aites.org/](https://awards.ita-aites.org/)

[SIG 50th Anniversary Conference – https://www.societaitalianagallerie.it/menu/Attivita/sig-ita-50y-ita-awards/](https://www.societaitalianagallerie.it/menu/Attivita/sig-ita-50y-ita-awards/)



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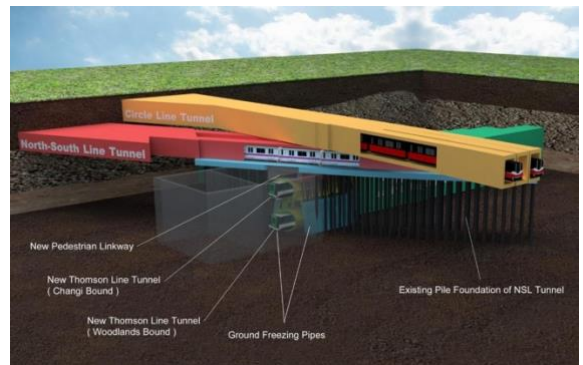


Società Italiana Gallerie

Italian Tunnelling Society



Technical and Product/Equipment Innovation of the Year finalists: Top left: Type 0-90° continuous conveyor equipment, China; Top right: Communication room of disc cutter wear sensor system, South Korea



Major Project of the Year finalists: Left: River side construction site of the Thames Tideway project in London
Right rom top: Tight squeeze for Singapore Metro; Supersized single-bore double-deck drive in China; Grand Central Madison station under Manhattan in New York city, USA

From the ITA Media Desk
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