

Press Release

April 28<sup>th</sup> 2022

## WTC 2022

# Underground solutions for responsible action: Highlights on the sustainability in the sessions

**This year, the World Tunnel Congress is highlighting solutions in line with climate and sustainability issues. Several sessions will focus on carbon footprint reduction, innovations and how these are implemented in the tunnel's strategy.**

Organized by the Danish Society for Tunnels and Underground Works ([DFTU](#)) and by the International Tunnelling and Underground Space Association ([ITA-AITES](#)), the [World Tunnel Congress](#) and ITA 48th General Assembly will be held in the city of Copenhagen, from September 2nd to 8th.

During a 6 days sustainability-sharing event, the Bella Center will host the leading experts in the field, university professors and researchers, professionals, engineering firms, major clients and representatives from the most important construction companies in this sector.

The open session (on Tuesday 6<sup>th</sup> September) will lay the foundations of the subject with different owners presenting their future major projects in Sweden, Norway and Denmark in particular and the specificities of the different calls for tender. The challenges and opportunities of these underground projects will be discussed during the open session. Sustainable development and climate issues will be linked to each project.

The ITACET training session of September 2<sup>nd</sup> and 3<sup>rd</sup> will focus on sustainability in underground design and its practical implementations. It is planned to have two days session focusing on innovative use of underground space, immersed tunnels and mechanized tunnelling. A presentation on sustainability will be complemented by work cases from engineering and owners on the issue of carbon footprint reduction.

As the President of ITA, Jinxiu (Jenny) Yan reminded : *"In terms of ITA strategy for the next level, sustainability is one of the key elements to be considered. On the one hand, the use of tunnels and underground space can provide sustainable solutions to society. For example, among the 17 UN SDGs, tunnelling and underground space can contribute to several. On the other hand, the construction of underground projects requires lots of materials and equipment and produces emissions. Therefore, we should pool our resources to make our construction greener and more sustainable."*

---

**About the International Tunnelling and Underground Space Association:**

The International Tunnelling and Underground Space Association (ITA) is a non-profit and non-governmental international organization, which aims at promoting the use of underground space as a solution to sustainable development. Founded in 1974 and operating out of Lausanne, Switzerland, ITA currently associates 78 Member Nations, 300 affiliated members, 17 Prime Sponsors and 60 supporters.

Register for WTC 2022 [here](#).

Press Contact:

Mr. Maxime Forgues, Giesbert & Mandin agency  
+3366650491 – [m.forgues@giesbert-mandin.fr](mailto:m.forgues@giesbert-mandin.fr)