

# Croatia



**Name:** Croatian Association for Tunnels and Underground Structures - ITA Croatia

**Type of Structure:** Society, non-profit organisation

**Number of Members:** Persons : 20 Corporate : 5

## ASSOCIATION ACTIVITIES DURING 2018 AND TO DATE

### Book publication:

"Tunnels 2 - Collection of 6 ITA/AITES Guidelines on Tunnelling" Prepared for: SEE Countries.

### E-book, with printed cover and contents Planned publishing volume:

600 pcs 1st issue: 200 pcs, Jan 10, 2018 2nd issue: 100 pcs, Oct 15, 2018 Promotion planned for: Sarajevo, Bosnia, April 2018. Podgorica, Montenegro, May 2018 Opatija, Croatia, June 2018

### Tunnel Grič

- In the city centre of Zagreb the renovated pedestrian tunnel Grič re-opened on July 6, 2016
- The tunnel was constructed in 1943, during WWII and was used as a shelter during air raids
- Nowadays is used for artistic installations, exhibitions and is a part of the Christmas celebration in the city's performance
- The tunnel will be used as a performance location and exhibition space for the "Museum of senses"
- Length: 350m with a wider central hall L=100m.
- Width 3.5m , height 5.5m
- Exits: 2 portals and 4 side exits onto the main street
- Info: wikipedia

### Tunnel Učka, 2nd tube

- Second tube of the high-speed road Rijeka-Pula
- Length = 5630m, axis distance 25-30m to the first tube
- At the moment the design procedure and permissions are finished and the project is going into construction
- Construction should start in the conventional way
- It will enable a full highway profile connection from Rijeka to Istria peninsula
- It is part of the Istrian Ypsilon highway concession
- BINA Istra is the concessionaire

- The concessionaire is collecting finances to start with construction

### Tunnels on the highway Zagreb-Macelj, AZM concecsson, toward Slovenia

- 6 tunnels on the highway as part of the regular concession

- There are 6 tunnels on the route, 2 of them with one tube: Sv.Tri Kralja (1725m) and Brezovica (590m) that are expected to be constructed in 2nd phase of construction

### Tunnels on the Peljesac Peninsula

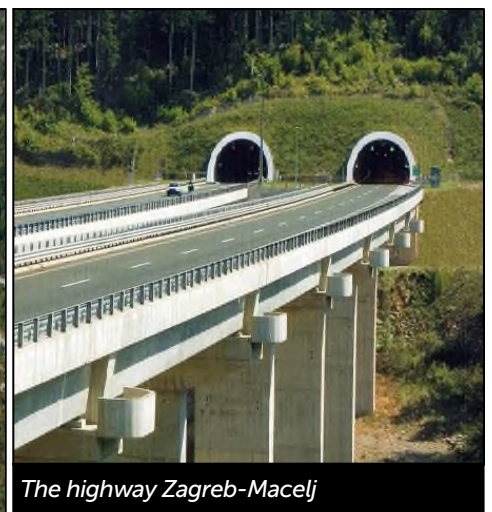
- 4 tunnels should begin construction on the Peljesac peninsula with lengths of: 0.5km, 2.5km, 1km and 1.5km, all in limestone, with single tube, and double track

### Tunnels on the Zagreb - Rijeka and Zagreb railway Junction

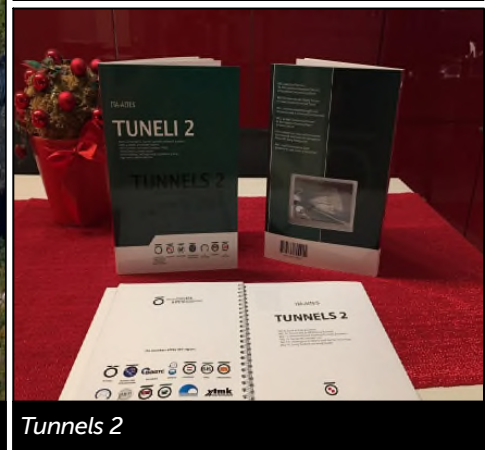
- All in design with underground parts at Zagreb junction and approaching Rijeka



Tunnel Učka , 2nd tube



The highway Zagreb-Macelj



Tunnels 2

## FUTURE TUNNELLING ACTIVITIES

