

# Germany

**Name:** DEUTSCHER AUSSCHUSS FÜR UNTERIRDISCHES BAUEN E.V  
(German Tunnelling Committee)

**Type of structure:** Registered non-profit, restricted association (limited to 30 individual members)



## 2016 ACTIVITIES

- **Technical evaluation of bids during tendering procedure** has been published (only German, see website for download)
- **DACH-meeting** (German, Austrian, Swiss Tunnelling Committees) in Switzerland (½ day technical seminar and site visit)

### Working Groups:

- Financing of tunnels via PPP/BOT-projects
- Technical assessment of tenders in the procurement process of tunnelling projects
- Recommendations for contracts with low potential for conflicts
- Requirements for refuge chambers
- Face support pressure calculation in shield tunnelling
- Life-cycle costs calculation
- Design, production and installation of segmental rings
- External communication of DAUB

### Publications of DAUB can be found in/on:

- Journal "tunnel" ([www.tunnel-online.info](http://www.tunnel-online.info))
- "German Handbook of Tunnelling" (published annually, Taschenbuch Tunnelbau)
- Recommendations are available for download from website ([www.daub-ita.de](http://www.daub-ita.de)); the majority are bi-lingual (German/English)

### Sealing of buildings by injections

9–10 November 2016, information on

- after sealing of concrete structures
- geotechnical sealing injections



## TUNNELS – UNDERGROUND WORKS

**U5 Metro Berlin**, Town hall – Brandenburg gate  
hydroshield drive ( $\varnothing = 6.7\text{m}$ ), 2 single track tubes, 2.2km, 3 stations  
(ground freezing)

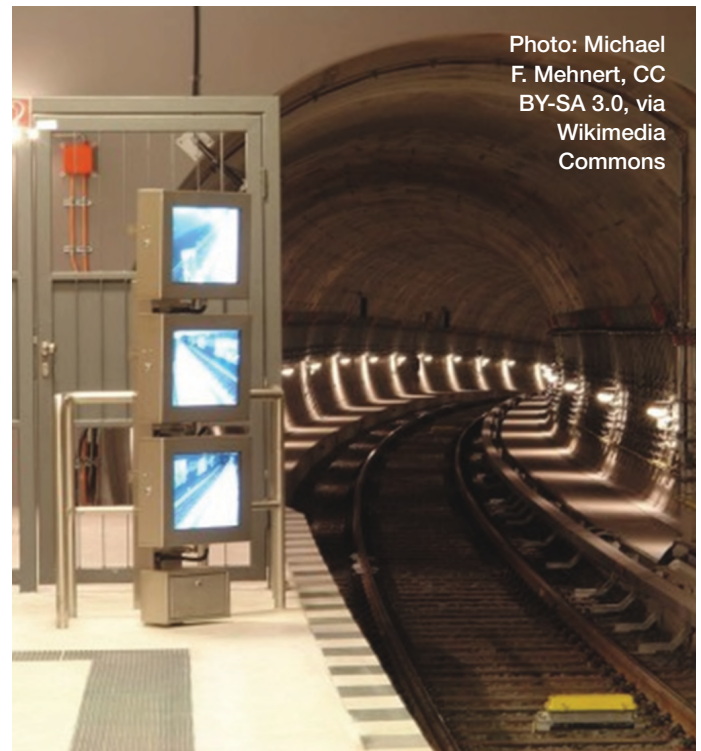


Photo: Michael F. Mehnert, CC BY-SA 3.0, via Wikimedia Commons

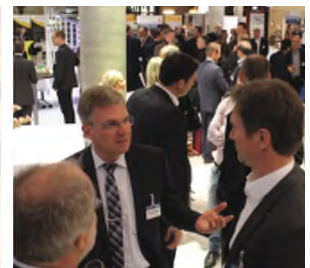




Photo: Arnim Kilgus

**Boßler tunnel**, High-Speed-Railway-Line Wendlingen–Ulm, near Stuttgart, 8.8km, TBM (Ø = 11.38m), shotcreting method.

**Karlsruhe Combined Solution** inner-city tram tunnel below Kaiserstrasse, TBM (Ø = 9.32m), length 2.4km



## FUTURE ACTIVITIES

**Regular meetings**  
with Austrian and Swiss colleagues

**Munich Tunnel Symposium**  
June 2018

**InnoTrans**  
Tunnel Forum, 18–21 September 2018  
Leading int. trade fair for transport technology



# STUVA

## STUVA-Conference 2017

- 6–8 December 2017 in Stuttgart
- Topics on tunnelling and tunnel operation
- 1800 participants and 175 exhibitors expected

