

GERMANY

ACTIVITY REPORT 2013

DAUB – Deutscher Ausschuss für unterirdisches Bauen e. V. (German Tunnelling Committee)
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The German Tunnelling Committee (DAUB) was established in 1972 on the initiative of the Federal Minister for Transport and registered in 1974. The call to set up national tunnelling committees dates back to a recommendation during an OECD conference dating back to 1970 in Washington/DC, USA, at which the representatives of 20 nations proposed the establishment of an international organization for the foundation engineering sector.

DAUB is a registered non-profit restricted association with up to 30 individual members; in details up to 10 from owners, up to 10 from scientific institutions and consultants, and up to 10 from contractors and machine producers. The members are personally elected for a period of 3 years. Re-election is possible as long as a member is not retired or is no longer involved in tunnelling business.



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The following excerpt shows some major tunnelling projects which were running in Germany during 2013:

The long-distance rail tunnels largely relate to works in conjunction with the Stuttgart 21 rail hub as well as the new-line and upgrading programme for Deutsche Bahn AG's high-speed routes. For the tunnelling projects currently being implemented (a total of 110 km), almost

- 42 km is accounted for by the major project "**Stuttgart 21 rail hub**" and some
- 28 km by the new/upgraded **Stuttgart-Ulm rail route**. Furthermore, some
- 36 km of tunnel is being constructed on the new **Ebensfeld-Erfurt line**.

These main-line rail tunnel projects predominantly employ underground („trenchless“) tunnelling –78 % using the shotcreting method and 22 % mechanised driving.

General details on tunnelling in Germany can be seen in the table below according to the latest statistics conducted by STUVA.

Tunnelling in Germany 2012/2013 [km]			
Type of tunnel	In operation	Under construction	Planned
Metro	676	20	33
Railway	555	110	78
Road	272	42	142
total	1503	172	253

As an international tunnelling event the next biannual STUVA Conference in Germany will take place from 1 until 3 December 2015 at the Westfalenhallen Dortmund. Simultaneous translation from English to German and vice versa is provided.