TUNNEL KATZENBERG
BAD BELLINGEN (DE)

EMPLOYER
DB Projektbau GmbH, DE-76137 Karlsruhe

DESIGNER
Planungsgemeinschaft Katzenbergtunnel
Ed. Züblin + Wayss & Freytag Ingenieurbau

CONSTRUCTION PERIOD
2003 - 2010

CONTRACT SUM
CHF 400 Mio.

EXECUTION OF THE WORK
ARGE Katzenbergtunnel

CONSORTIUM PARTNERS
Ed. Züblin AG, DE-70435 Stuttgart
Wayss & Freytag Ingenieurbau, DE-60489 Frankfurt
Marti Tunnel AG, CH-3302 Moosseedorf
Jäger Bau GmbH, AT-6780 Schruns

LEAD COMPANY AND TECHNICAL LEAD
Ed. Züblin AG, DE-70435 Stuttgart

COMMERCIAL LEAD
Wayss & Freytag Ingenieurbau, DE-60489 Frankfurt
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**SCOPE OF THE WORKS**

New Railway tunnel Karlsruhe-Basel  
Construction lot 9.1 direction Schliengen-Eimeldingen  
- 2 tunnel tubes to 9'385 m, hereof that 8'984 m of rock tunnel  
- 19 cross connections (every 500 m)  
- 2 ventilation shafts Ø = 6 m, H = approx. 70 m

**ACTIVITIES**

- TBM drive Ø = 11.16 m  
- 2 EPB-Earth pressure balanced shielded tunnel boring machines with single concrete segmental lining  
- Concrete segments up to 9 bar water pressure  
- Thickness of the segments; D = 60 cm  
- Concrete sole with shoulders  
- Fire-fighting dry and wet water pipes  
- Concrete lining for cross connections with up to 9 bar pressure  
- Installation of handrails and doors facilities

10.10.2018