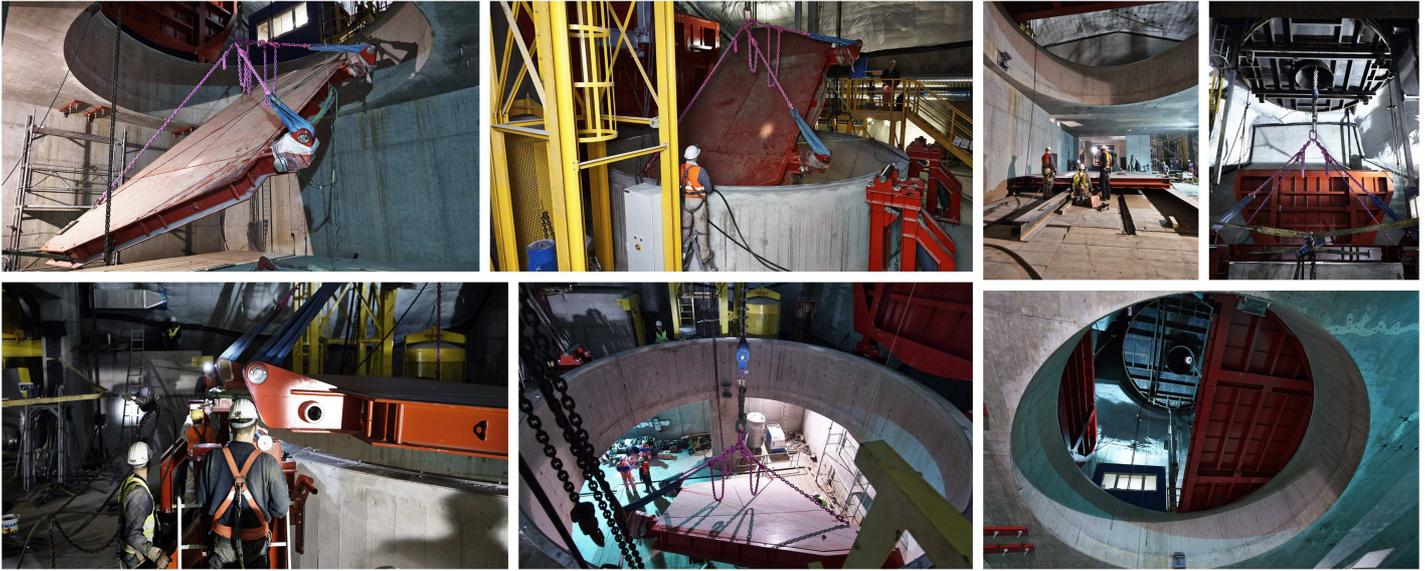


Shaft Sedrun I (Gotthard Base Tunnel), Switzerland



Scope of Work

- Design, fabricate and install the temporary Galloway system
- Planning, construction and delivery of permanent shaft work
- Installation and Planning:
 - Steel guides
 - Hydraulic pushing shaft collar
 - Conveyance to rope stage
 - Rescue crane and safety stage
 - Steel pedestal

Client

Siemac Tecberg GmbH,
Haiger

Location

Sedrun, Switzerland

Duration

July 2013 – May 2014

Technical Data

- Depth of the shaft: 800 m
- Diameter of shaft: 7900 mm
- Length of the guides: 12 m
- Height of the shaft collar: 17 t

Special Features

- Delivery in high mountains (1400m above sea level)
- High expense of planning and documentation (end user: SBB RailAway)
- Access to shaft head only through a 1000 m long tunnel
- Planning and installation under german mining law and TAS