



## Description

The Lötschberg Base Line is a principal element of the new cross-alpine rail links (NEAT) in Switzerland and has an approximate length of 45 km. Operation started in 2007. Equipment and rail engineering were split in several specialist areas. The Coordinator of Specialist Services organised the invitations to tender from suppliers of comprehensive services (total contractors) in the different specialist areas, as well as the coordination of the implementation.

HBI Haerter Consulting Engineers was mandated to carry out the call for tender and to coordinate the projects for implementation of mechanical equipment and ventilation. Also, HBI was responsible for the specification, evaluation and selection of prototypes.

## Services

The following services were supplied by HBI within the framework of the coordination of specialist services:

- Invitation to tender from suppliers of comprehensive services for the implementation of the mechanical equipment / ventilation
- Coordination of the projects for implementation of mechanical equipment / ventilation
- Planning and coordination of cross-passage doors, as well as control cabinets and containers in the railway tunnels
- Participation in the award of contract
- Inspection of the final design from the contractors
- Coordination of interfaces within rail technology and with civil engineering and the other project parties
- Testing and approval
- Planning and monitoring of the commissioning phase