GOTTHARD BASE TUNNEL SEDRUN

Section Sedrun, Switzerland

With a length of 57 km, the Gotthard Base Tunnel is the longest railway tunnel in the world.

The tunnel interconnects Erstfeld in the valley of Uri with Bodio near Biasca in the canton of Ticino.

The section Sedrun is one out of five sections of the Gotthard Base Tunnel construction site.

This section has a length of 6.8 km and a maximum overburden of 1'550 m.
Construction of the new Gotthard Base Tunnel

**Location**
Sedrun, Switzerland

**General Information**
Construction costs (price base 1991)
- Gotthard Base Tunnel South: CHF 9’826 million
- Section Sedrun: CHF 930 million
- Intermediate Access Sedrun: CHF 205 million

**Project Stages**
- Design: since 1990

**Project Description**
- Intermediate adit Sedrun: Length: 987 m, Cross-section: 35 m²
- Vertical shaft: Height: 800 m, Cross-section: 63 m²
- Diameter: 8.60 – 9.00 m
- Ventilation shaft: Length: 225 m, Cross-section: 15 m²
- Slope: 90 %
- 2 single-track tubes: Length: je 6.8 km, Cross-section: 60-130 m²
- Multifunction station: Length: 1.7 km

**Geology**
Max. overburden: 1’550 m

**Our Services**
- Design in engineering joint-venture
- Construction supervision in an engineering joint-venture

In collaboration with Pöyry Infra AG and Lombardi SA Ingegneri Consulenti

**Client and Contact Person**
AlpTransit Gotthard AG (ATG)
Dr. Renzo Simoni (director)