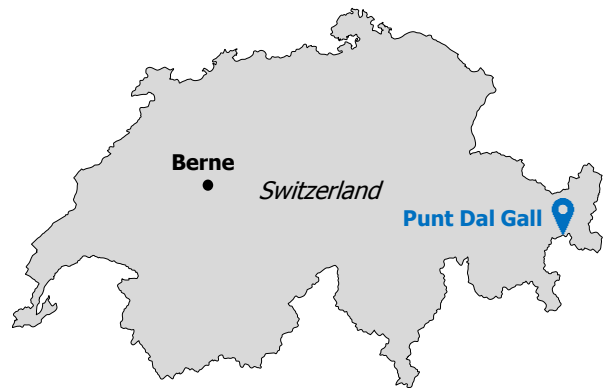




BOTTOM OUTLET AND WATER INTAKE PLUGGING - PUNT DAL GALL DAM - SWITZERLAND

WORK CONDITIONS

- Depth: -110m
- Dam altitude: 1800m
- Number of saturation diving hours : 543 h



DREDGING

- Pumping and grabbing of sediment at -110m depth
- 10 000 m3 of sediment removed
- ROV + Sonar 2D survey

SPECIFIC EQUIPMENT

- 760m² main pontoon with ± 450 tons of equipment + 120m² secondary pontoon
- 6 boats
- Saturation diving system for 6 divers
- 10 tons hoist
- 200T and 60 T mobile crane with hydraulic grab
- ROV + sonar 2D + acoustic camera



- **Plugging system design and manufacturing**
- **15 tons plug installation (4mx4m) on water intake**
- **Installation of 14 tons intake tower (16m high)**
- **33 tons plug installation (8mx5m) on bottom outlet**
- **Pre-setting with ROV**
- **Removal and installation of trash rakes**
- **Disposal and storage of the plugs on right bank**

