

Sanitation design and water technology

Our specialists undertake the planning and installation of building services systems for a range of clients in both the private and the public sector. State-of-the-art instruments help us not only handle challenging design tasks, but also ensure the smooth execution, commissioning, and optimization of technical systems during operation.

We undertake projects in the following areas:

- Supply and wastewater systems for residential and public buildings, hotels and restaurants
- Water purification
- Greywater recovery systems, infiltration systems
- Solar systems
- Heat recovery systems
- Drainage concepts for rainwater and greywater
- Compressed air installations, LPG and natural gas systems, medical gases
- Sprinkler systems
- Preliminary studies and concepts
- Facility planning and contracting
- Investment and operating-cost calculations
- Schedule and cost monitoring
- Construction management
- Commissioning and hand-over
- Operational support and optimization

Examples of our work in this field include the planning and design of replacements for the pressurized water lines in the Gotthard road tunnel, as well as plumbing systems for the security control building and the VIP lounge at the Zurich airport. We have also been involved in the planning process for complete renovation of heritage buildings, such as the Zurich main train station, the Villa Patumbah, the Stadthaus Zurich and the reconstruction of the Zunfthaus zur Zimmerleuten. In addition, we were responsible for planning the complete sanitary system design for the Dolder Grand Hotel Zurich, as well as sanitary system planning for renovation works on buildings in the electrical

engineering department at ETH Zurich, which encompass a range of functions, from lecture halls to laboratories.

We provide water technology services in a range of fields:

- Water purification
- Greywater recovery systems, infiltration systems
- Preliminary studies and concepts
- Facility planning and contracting
- Investment and operating-cost calculation
- Schedule and cost monitoring
- Construction management
- Commissioning and hand-over
- Operational support and optimization

Our services include planning for infiltration and water retention systems.