

■ Infrastructure





Infrastructure

About Us

The BERNARD Gruppe is an independent engineering and consulting firm. We solve interdisciplinary tasks in our Energy, Industry, Infrastructure and Mobility Business Units.

The family business was founded in 1983. It is managed by the second generation and now employs approximately 600 people. We are focused on identifying the best technical approaches and provide our clients with innovative, cost-effective and sustainable solutions. This is our task as engineers you can trust.

Our Services

- Feasibility studies
- Consulting, design and realization in all service phases according to Austrian highway construction guidelines (RVS) and the German fee structure for architects and engineers (HOAI)
- Site supervision
- Construction and project management
- Ombudsman services
- Stakeholder management
- Environmental construction monitoring
- Geotechnical soil investigations

Environment & Spatial Planning



- Permit Application Management
- Environmental Construction Monitoring
- Immission Control

The environment and the use of space play a central role for promoting climate-friendly social interactions and cooperation. In order to realize these goals, we provide complex design solutions in which environmental planning and technical engineering services are tasks of equal importance. A high degree of interdisciplinary coordination is required. The BERNARD Gruppe develops integrated solutions and accompanies clients from basic survey to permit application, and from detailed design to project execution. Our engineers implement measures to meet the legal, technical and social requirements of your projects. We provide environmental impact statements and expert opinions, and we carry out the coordination with authorities, as well as stakeholder management and communication consulting to increase the social acceptance of the project.

Structural Analysis & Design



- Bridge Design
- Building Construction
- Civil Engineering Structures

We pay attention to economic efficiency in construction and operation, sustainability through optimized design and choice of materials, as well as to logical and creative design. Our experts develop intergenerational solutions in the design, rehabilitation and maintenance of bridges, buildings, and industrial structures. Numerous interfaces ensure an effective optimization process in the development and detailing of load-bearing structures for residential complexes, event centers, office buildings, manufacturing and factory halls, sports facilities, hospitals, train stations or airports. Increasing natural hazards such as avalanches, rockfall or mudflows are also considered when assessing, maintaining and repairing structures.

Geotechnical & Tunnel Engineering



- Engineering Geology
- Geotechnical Engineering
- Tunnel Engineering

The improvement of transport connections and the development of industrial and residential areas requires the extension or renewal of infrastructure. It includes road and rail infrastructure, water supply and wastewater treatment, oil and gas supply, and hydroelectric power plants. When constructing and operating these infrastructure projects, underground structures such as tunnels, galleries and shafts have considerable advantages over above-ground measures, such as the reduction of visual impact and emissions (vibrations, noise, air), as well as a more efficient land use. In addition to technical design, environmental aspects, the integration into the road network, as well as engineering geology and geotechnics are taken into account when realizing the construction project.

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