



AMSTEIN + WALTHERT

Competencies



Good engineers know what they are doing. Excellent ones know what to do.

Meaningful engineering begins with the drive to set future goals. With confidence in our abilities, our ambition determines the quality of our consulting. We will gladly advise you beyond any supposed constraints in order to put forward-looking ideas into practice.

For instance, we offer support in sustainable spatial development for communities and cities with solutions tailored for the environment, mobility and the energy supply. In addition, we plan sites and develop property strategies for developers and managers of real estate portfolios and provide advice on labels and energy concepts.

We also pay particular attention to energy issues, from effective extraction to supply security for users. After all, solar energy, geothermal energy, wind power and other renewable energies offer a great deal of untapped potential on both a large and small scale,

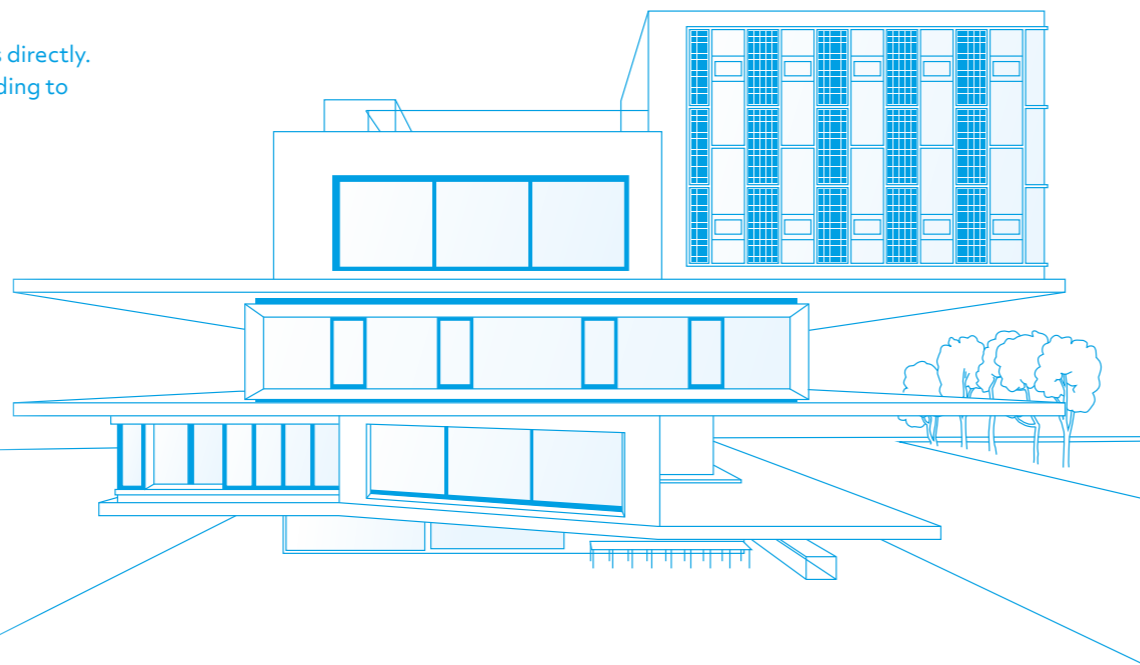
which we help to unlock with feasibility studies and the development of complex systems. Our concepts for buildings, transport, energy, healthcare and communication help to strengthen and secure Switzerland's vital infrastructures.

However, the focuses of our interdisciplinary teams are on more than just the (investment) security of material assets. In close cooperation with users, we determine requirements, draw up specifications, and develop and support appropriate utilisation and operating concepts. By means of integrated solutions in the areas of heating technology, heat distribution, ventilation and air conditioning, we ensure a healthy indoor climate in people's working and living areas. With the use and intelligent control of sustainable energy sources, such as heat and water recovery, we contribute to minimising both the ecological footprint of modern human life and relevant concerns about the future.



Reference projects

Here you can access our projects directly. They are clearly arranged according to competencies, region and type.



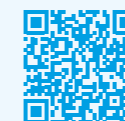
The most important engineering duty of our time is the intelligent use of resources. Amstein + Walthert feels particularly committed to this task.

↳ **Rolf Mielebacher**
COO



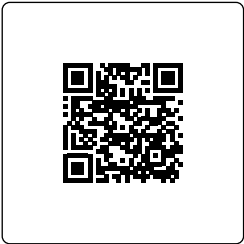
Our Competencies

Acoustics • BIM • Building Automation • Building Ecology • Building Physics • CAFM • Carbon Due Diligence • Client Consulting • Climate Cooling Technology • Climate-Adapted Summer Heat Protection • CO₂ Reduction Path • Commercial Refrigeration • Condition Monitoring • Damage Analysis • Data and Information Management • Digital Test Systems (DTS) • Door Management • Electrical Engineering • Electromobility • EMC • Emergency and Crisis Management • Energetic Building Refurbishment • Energy Analysis • Energy City Consultancy • Energy Concept • Energy Controlling • Energy Efficiency • Energy Hub • Energy Planning • Energy Simulation • Energy Storage • ESG Management • Facility Management • Fire Protection • GEAK® • Heating Replacement • Heating Technology • HVAC • Industrial Heat Pumps • Industrial Refrigeration • Integral Security Concept • Interior Quality • IT Security Consulting • Life Cycle Management • Measurements • Mobility Management • Municipal Real Estate Management • Operational Optimisation • Overall Planning • Performance Gap Analyses • Photovoltaics • PQM • Radon Measurement • Ratings for Real Estate • Real Estate Consulting • Risk Management • Safety Planning • Sanitary Engineering • Simulations • Site Development • Site Networking • Spatial Coordination • Spatial Development • Steam, Data, and Information Management • Sustainability • Sustainability Management and Reporting • Technical Coordination • Threat Management • Tunnel Safety • User Representation • VDC • Ventilation and Air Conditioning • Ventilation and Climate • Verification Procedures and QA in Fire Protection • Wood Energy



Competencies

Here you can find out more about our competencies, sorted by specialist areas and property types.



Amstein + Walthert
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