

# Noise control

**Around one-fifth of the Swiss population is exposed to excessive traffic-related noise during the day and one-sixth of the population is similarly exposed at night. To ensure the viability of building projects in areas exposed to high levels of noise, we offer our clients expert noise-specific, legal, and spatial-planning support. We calculate noise levels and create effective noise-control measures for outdoor spaces and building exteriors.**



Noise control along the Zurich-Oerlikon railway line

When new housing is developed as a result of densification measures in cities and conurbations, it is essential to incorporate well-conceived noise-reduction solutions that meet planning permission criteria and stand up to legal challenges.

We deploy appropriately interdisciplinary teams to arrive at such multidimensional solutions. Our services include:

- Noise-level calculations  
We calculate and forecast noise levels using Cadna/A.
- Noise-control consultation in connection with calls to tender  
We identify the criteria that are to be met by competition participants and

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advise them throughout the planning process, assuming responsibility for preliminary assessments of tenders and noise-level assessments, and provide support throughout the jury procedures.

- Noise-control consultation for building projects in areas exposed to excessive noise

We calculate noise levels, advise participating architects, provide legal expertise, and assess conflicting interests.

- Acoustic-space design

We provide support when it comes to planning and designing exterior spaces, façades, and noise-control flooring to ensure optimal acoustic outcomes.

- Noise-level attestations

We ascertain noise-emission levels for new noise-generating facilities and draft noise-level attestations for buildings in areas exposed to excessive levels of noise.

- Noise assessments

We assess various types of noise that are not subject to restriction, including the noise associated with everyday activities, restaurant dining, and sports facilities.

- Noise-control measures

We optimize and design noise-control measures.

- Noise registries

We assess noise emissions and draft GIS-based noise registries for various types of noise.

- Studies and concepts

We introduce novel solutions that take account of economic, statutory, and psychosocial factors.