

■ IMMISSION CONTROL



Engineers you can trust



ABOUT US

Environmental aspects are playing an increasingly important role in construction projects. Already in the early planning stage, the immissions associated with the project often have to be forecast and it has to be checked whether the legal guideline values are observed. Depending on the project, immissions in the form of noise, air pollutants, vibrations, light and thermal influences must be dealt with.

The effects on the environment and on the project are taken into account in urban land use planning, preliminary and

detailed design as well as in daily operation. In doing so, proof of compliance with legal regulations and, if applicable, operational requirements must be provided. The proof is based on measurements, technical regulations, calculation models and reliable forecast data.

We deal with the corresponding issues in feasibility studies, urban land use planning and building permit procedures, execution design, as well as during and after implementation through testing and verification procedures.

IMMISSION CONTROL

The evaluation of the results for single, multiple or long-term measurements are adapted to your individual requirements.

VIBRATIONS

- Vibration measurements in the construction process (damage analysis, prevention)
- Vibration measurements on bridges and buildings

NOISE

- Investigations and statements on authority notifications, complaints, reviews
- Noise measurements, expert opinions and acoustic verifications
- Dimensioning of protective systems (walls, embankments, enclosures)
- Cost-benefit analyses of protective measures

AIR

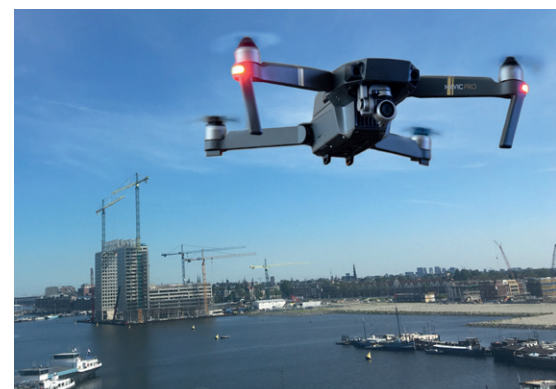
- Emission calculations for roads and road networks including comparison of variants
- Air quality calculations according to official guidelines
- Air quality measurements

LIGHT

- Lighting of streets and public places
- Measures against light pollution
- Light cone calculation

THERMOGRAPHY

- Drone inspections of high-voltage power lines
- Investigations with thermal imaging sensors
- Inspection of electrical installations



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