



„Because Quality Matters,  
Good mood instead of bad air!“

Malodorous  
exhaust air

## Basic issue

In all places where pollutants are emitted and get in contact with moisture, odorous substances emerge, which are both a nuisance and harmful.

## Your issue

Odour nuisances emerging from:

e.g. manholes, downpipes, waste pipes, sewage plants, septic tanks, reservoirs, sand traps, entrance works, thickeners, pump wells, flash wells and industrial facilities, the causes of which include:

- treacherous weather and significant contaminant load in the sewage system,
- stale (anaerobic) wastewater in industrial facilities (putrefaction),
- pumping, filling, draining (stripping effects),
- change in surrounding temperature and air pressure, pressure relief (change in steam pressure, convection),
- varying quantities of water, changing water composition,
- pollutants and odorous substances released by production processes,
- volatile compounds

## Consequences

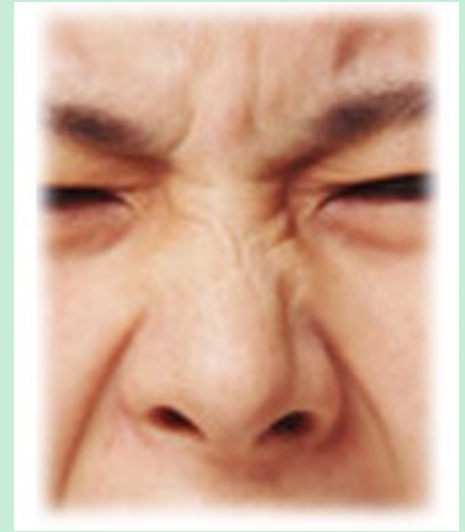
- odour nuisances in the residential and working environments,
- corrosion of different materials,
- harmful effects on people's health (such as skin and respiratory irritation, nausea, headache, vertigo),
- depreciation of property and housing estates,
- problems regarding occupational safety and damages claims,
- citizens' complaints and citizens' groups,
- licensing requirements and permission denial

## Our solution for you

Using the metabolic activity of mirco-organisms and included chemical components, the UGN® bio and hybrid filters break down pollutants and odorous substances emerging from exhaust air and waste gas streams and therefore produce non-toxic, odourless and predominantly low-molecular substances, such as water.

In the UGN® BEGA system, these filters play a crucial role in exhaust air and biogenic corrosion treatment.

However, we also apply other systems and processes, provided they are necessary to solve the problem, and we can plan and design them as well as implement them in cooperation with our partners.



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