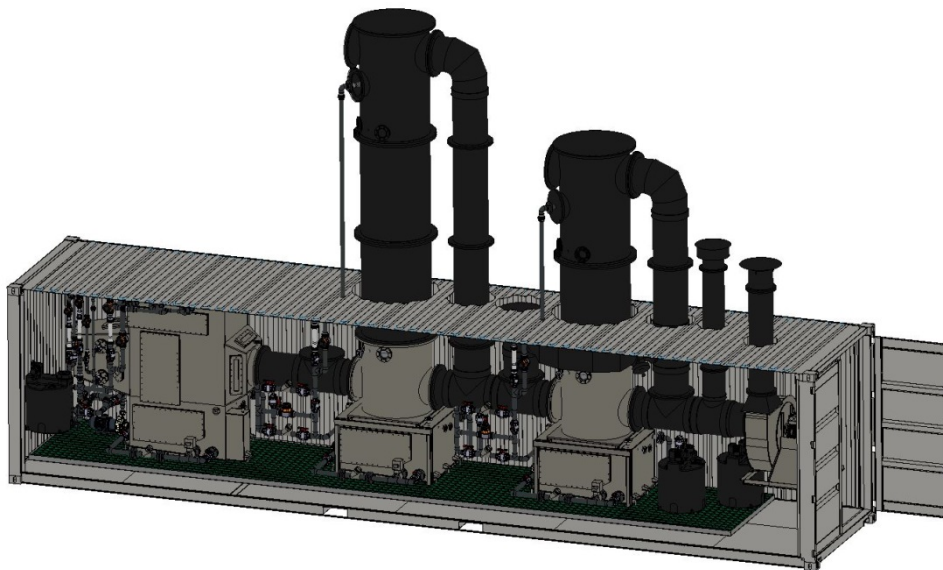


ODOR CONTROL PILOT PLANT

Biological and chemical processes



The smell of contaminated air frequently is a problem, even at low concentrations. Often this can be optimally solved by using packed bed systems for biological or chemical processes or a combination of both.

Gas mixtures vary in concentrations, temperature and composition. If there are no similar test results or references available, it is highly recommend making feasibility tests in a pilot plant to get reliable design parameters.

By means of running pilot tests, suitable chemical or biological process concepts are checked on a smaller scale directly at the customer site. This secures that the process combination is individually selected, the required cleaning performance is maximized, and the future odor control plant will achieve – by affirming the dimensioning - required values safely and reliably.

ENEXIO Water Technologies GmbH provides mobile pilot plants for such feasibility studies. For this purpose, the pilot plant is set up at the customer's site and put into operation by our skilled technicians. A partial flow of the exhaust air to be treated is fed directly into the pilot plant.

In close cooperation with the customer, the operating parameters are individually adjusted to the process exhaust air flow. The settings of the operating parameters as well as the data acquisition are carried out by our qualified personnel.

Our pilot plant systems are modular and multi-level. Chemical or biological process steps can be used individually or in combination.

Based on the results of the pilot tests a tailor-made design and planning of the large-scale plant can be done. The customer gets a reliable exhaust air purification plant, which is optimally designed for both, investment and operating costs.

Please contact us !

Our engineering team will gladly assist you to determine the optimal cleaning concept for your exhaust air problem.