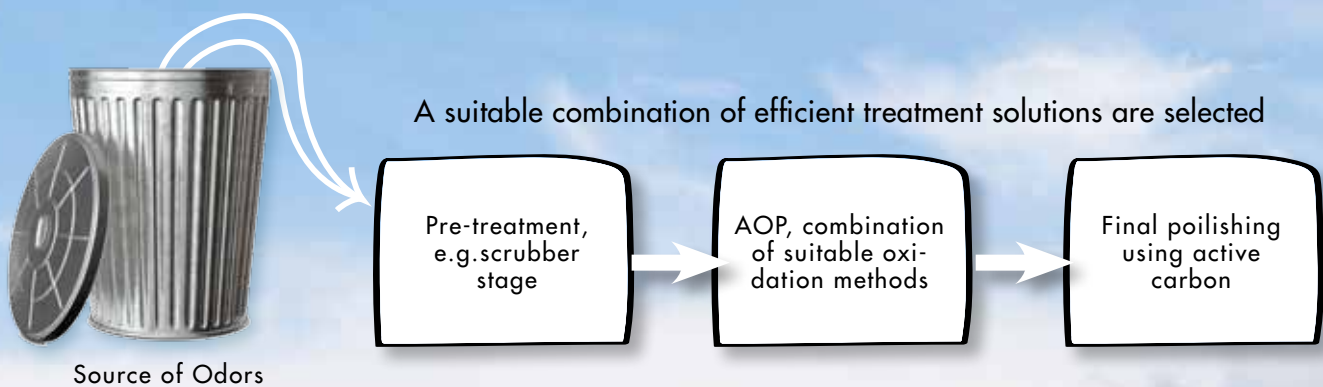


Waste Odor Removal

The Centriair odor treatment solution is the state-of-the-art in air treatment for Industrial Waste Handling. Waste odor treatment may seem like a streamlined task, as the perception of the odors can be similar in very different facilities. In reality, this is not the case. Due to the very aggressive odor compounds at hand, a thorough analysis of the case needs to be done. We also use our experience and research work in the area to draft a suitable solution. Odor removal techniques such as oxidation, scrubbing and carbon filtration are used separately or in combination to produce solution to the given task that gives maximal performance within budget limits and while minimizing maintenance costs.

All system stages have been adapted for waste odors through R&D together with leading academic institutions and suppliers.

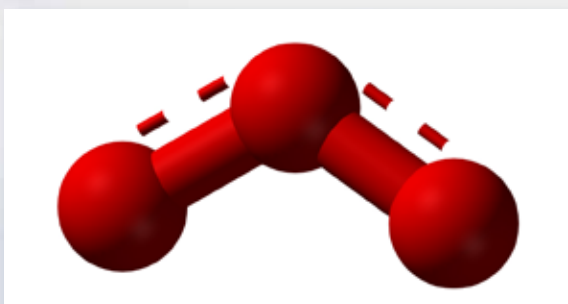
Centriairs long experience in solving complex process air treatment problems also means that we have solutions for combined problems of particle/dust/aerosols and odors.



ACTIVE CARBON



UV



OZONE



SCRUBBER

Field evaluation of chosen treatment method

For a pre-installation field evaluation of the chosen method, or to compare treatment methods for different options, Centriair offers the N.O.S.E.rig. With the N.O.S.E. rig a practical test can be performed at Your site using the different treatment techniques that we use, oxidation, scrubber, carbon, centrifuge etc.

References

Biogas production – Sweden

Waste sludge treatment from food production plant – UK

Mechanized composting facility – Sweden



“The Oxidation and Active Carbon combination has proven to give high performance that stays on top over long time with minimal maintenance”

David Goodwind, Nestlé UK

Our process



Our process builds on an early verification of the system performance at the customer site and a follow-up after installation to ensure performance and reliability. A performance test rig for the complete odour removal process mounted on a trailer is available.

ODOUR CONTROL • ENERGY SAVINGS • LIFE CYCLE COSTS

centriair