

Saving CO₂ through nitrous oxide reduction

Your partner for
the certification of
nitrous oxide reductions in
sewage sludge incineration



WASCOM AG

Climate protection through CO₂ savings as the dynamic basis of our service.

WASCOM AG deals with project development, consulting, and the execution of projects to avoid and reduce nitrous oxide. We form the interface between the customer and the FOEN (Swiss Federal Office for the Environment), the validation and verification body VVS and the KLIK Foundation (Swiss Foundation for Climate Protection and Carbon Offset). We create all the necessary project descriptions and monitoring so that the system operators receive the certificates in accordance with the CO₂ Act and can sell them to the KLIK Foundation.

We support our partners and customers with the complex administration of recording emission and efficiency values and keep all the necessary documents neat and clear. In addition, we support our partners throughout Europe in complying with and preparing all the necessary documents for the certification of emission reductions in connection with the Paris Climate Protection Agreement.

This significantly unburdens our partners and customers and makes their work much easier. Our customers can thus concentrate on their core business by including WASCOM AG in the process.



Foreword by the Board of Directors of WASCOM AG

We would like to thank all our customers, partners, and employees for their commitment and trust in WASCOM AG. Thanks to your support, we have been able to build WASCOM AG into a successful company over the last 20 years.

We are pleased to announce that we will be part of the AIK Technik AG Group as of January 2023. This is a great opportunity for us to further expand our business and offer you even better solutions for CO₂ savings in your recycling plant.

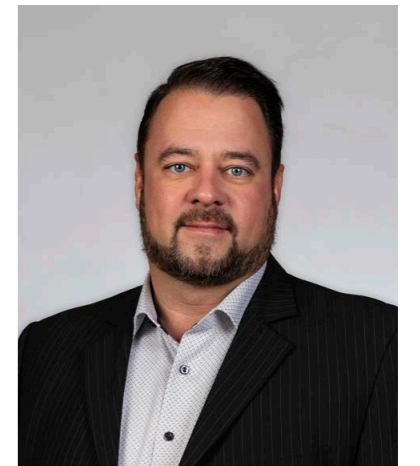
We thank Toni Bühler for his dedication and commitment in building up the company. He will retire into his well-deserved retirement at the end of 2022. However, he will continue to be available to us as an advisor and support us in further developing our businesses and business units.

Last year, we were very successful with our project work and were able to complete many important CO₂ reduction projects. In particular, our nitrous oxide reduction projects proved successful. We are proud of these successes.

Our execution and consulting services are also well known and we have been able to satisfy many customers.

In the future, we will continue to work to reduce greenhouse gas emissions and work with our customers to implement climate-friendly processes. In addition, we plan to further expand our services and broaden our range.

We look forward to starting out with you in new splendor and helping you with all your CO₂ reduction needs.



Danny Langenberg
Chairman of the Board of Directors
from WASCOM AG



Fabian Wölm
Board of Directors from WASCOM AG



The preparation of all documents for the emission reduction projects according to the CO₂-regulation is very demanding. That's where we come in. We take care of all tasks, you as our customer have no further effort to obtain the certificates in category 8: N₂O reduction (avoidance and substitution of nitrous oxide «N₂O»).



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Our range of services

Our services in the field of climate protection are individually adapted to the needs of our customers. Through our services, we want to enable you to take care of other things and thus make your everyday life easier.

01 Consultation of the possibilities for Sewage sludge incineration

As part of the Paris Climate Protection Agreement and the Swiss federal law on the reduction of greenhouse gas emissions, many industrial plants that emit greenhouse gas emissions into the atmosphere are obliged to reduce their CO₂ emissions.

Sewage sludge incineration plants release nitrous oxide. Nitrous oxide is produced when ammonia is incompletely burned and is a very strong greenhouse gas. It is around 300 times more harmful to the climate than carbon dioxide (CO₂) and has a mean atmospheric residence time of over 100 years.

Two main processes are currently used in Switzerland to reduce nitrous oxide in sewage sludge incineration. On the one hand, the post-combustion can be increased by 50 – 100° C, with otherwise the same operating conditions and therefore no large additional investments. Nitrous oxide emissions can be reduced by around 70%. Or one can work with regenerative flue gas cleaning as an extended stage in the combustion process. RTO (Regenerative Thermal Oxidation) is a fully-automatic flue gas cleaning system based on the principle of regenerative thermal oxidation in combination with a nitrogen removal system. This system is convenient, efficient, and powerful. It is ideal for large and small flue gas cleaning systems and can be used in a wide range of environments. A degree of separation of over 90% can be achieved with this. Of course, other methods are also available. We provide you with our support for all common procedures, which are promoted by the Swiss federal government.

02 Realization and support with a plant constructor

After we have looked together with you at which sensible possibilities there are in your sewage sludge incineration for nitrous oxide reduction, we can lead the entire project for you together with a plant manufacturer.

It is our aim to remain your contact person during the entire realization period. We always keep in touch with you to inform you about the project's progress.

We offer you the opportunity to reduce nitrous oxide emissions to a minimum and thus reduce your environmental impact. This is an important step in combating the climate crisis. It also results in exciting financial incentives for you.

03 Documentation and monitoring CO₂ offset certificates

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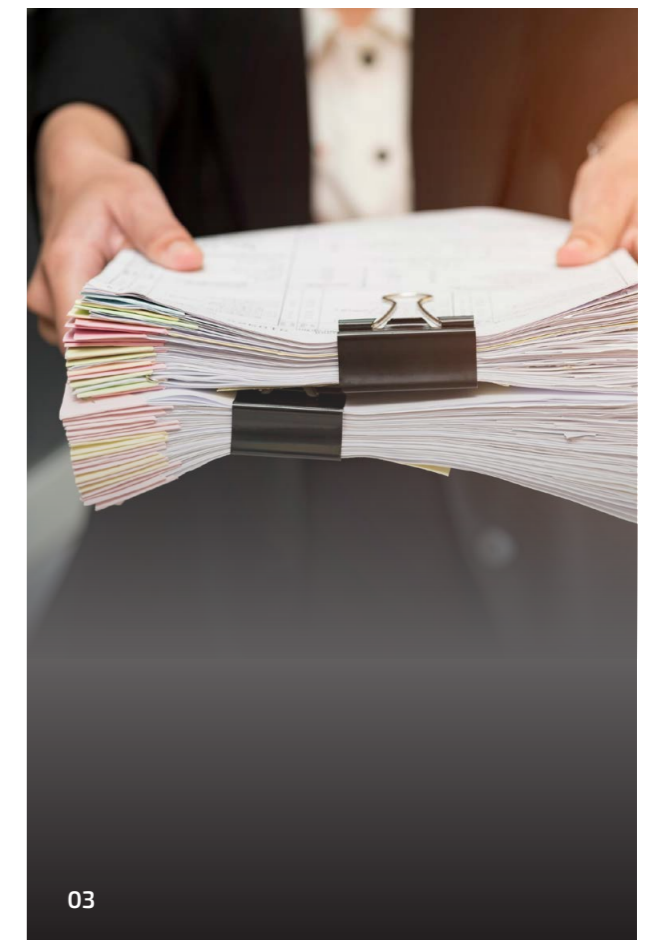
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01



02



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Consulting and know-how for the climate protection

The company was founded in 2000 and has many years of experience in the field of CO₂ reduction. Anton Bühler, the founder and former managing director, is one of the pioneers in the field of nitrous oxide reductions.

The company has continued to develop over the past few years and today has a wealth of experience and knowledge about the process and the processing of all necessary documents in the field of nitrous oxide reduction.

Anton Bühler, the longstanding managing director of WASCOM AG, is about to retire. Due to his age and the fact that the company has developed significantly in recent years, he looked for a worthy successor and finally found a suitable purchaser and successor in the company AIK Technik AG.

The managing directors of AIK Technik AG, Danny

Langenberg, and Fabian Wölm, are very similar to Anton Bühler in many respects. They are committed, they are creative, and they have a clear vision for the future of the company. The two managing directors will take over the management of WASCOM AG and lead the company into a new era.

Our employees bring with them a broad know-how in the following areas:

- Environmental engineer and environmental engineering science
- Process engineers
- Mechanical Engineering

Your contact partner



Tino Christen
Key Account Manager

Tino is an experienced environmental engineer and has been bringing his expertise to the areas of development and consulting for many years. We are sure that he will be a valuable addition to our team and will work with us on exciting projects.



Siegfried Reithaar
Key Account Manager

As Key Account Manager, Siegfried supports the day-to-day business. Due to his incredibly large specialist knowledge, he is an enrichment and inspiration in every dialogue.



Climate change has greatly altered the way we use natural resources. In the search for solutions to make our economy more ecological and sustainable, WASCOM AG will be pleased to help you.

of employees, which is always up to date with the current status of the law, in particular, thanks to our successful and ongoing further development.

Economy and ecology in balance

In view of the worsening climate crisis, it can be assumed that in the coming years even more industrial companies and communities will rely on the support of AIK Technik AG in the implementation of their sustainability goals. The company from Sursee, Switzerland shows in an exemplary manner how economic and ecological goals can be combined in a logical way.

The philosophy of WASCOM AG is characterized by a high sense of responsibility for customer-friendly solutions in the field of nitrous oxide reduction. We are proud to make an important contribution to climate protection with the range of services that we offer. With our know-how, we can make a significant contribution to the consistent improvement of the required documentation and, at the same time, achieve a high level of customer satisfaction.

The basis of our company strategy is built on the consistent optimization and further development of our services for the detection, proof, and verification of nitrous oxide reduction. The aim is to achieve the greatest possible ecological and economic customer benefit. Our goal is to increase growth over the next few years and also to support sewage sludge incineration throughout Europe. In doing so, we rely on our highly-qualified and longstanding team

Your advantages at a glance

WASCOM AG is engaged in project development, consulting, and execution of projects for CO₂ reduction, especially nitrous oxide reduction in sewage sludge incineration and other recycling plants.



Ecological and sustainable

We stand for climate-neutral, environmentally friendly, sustainable, and innovative processes, and services.



Efficiently save CO₂

Nitrous oxide reduction is the core theme of our service.



Sound know-how

Our employees have extensive knowledge in the area of CO₂ savings, especially through nitrous oxide reduction.



Transparency and open communication

We stand for a transparent way of working and open communication. For us, trust is the key to successful cooperation.



Economic efficiency

CO₂ compensation certificates provide you with financial compensation.



Personal care

Personal contact is close to our hearts. We always have an open ear for your personal concerns.



High standard of workmanship

Equipping your plant for nitrous oxide reduction is an investment that must last for years. That takes quality, which we deliver.

«I have been committed to climate protection for 25 years and have been very involved with the topic of nitrous oxide reduction. The company has great potential and will certainly celebrate many more successes thanks to the help of AIK Technik AG.»

Anton Bühler
Founder of WASCOM AG





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