

An aerial photograph of a dense green forest with a heart-shaped lake in the center. The lake's surface is calm, reflecting the sky and the surrounding trees. The forest is lush and vibrant, with various shades of green. The overall scene is peaceful and natural.

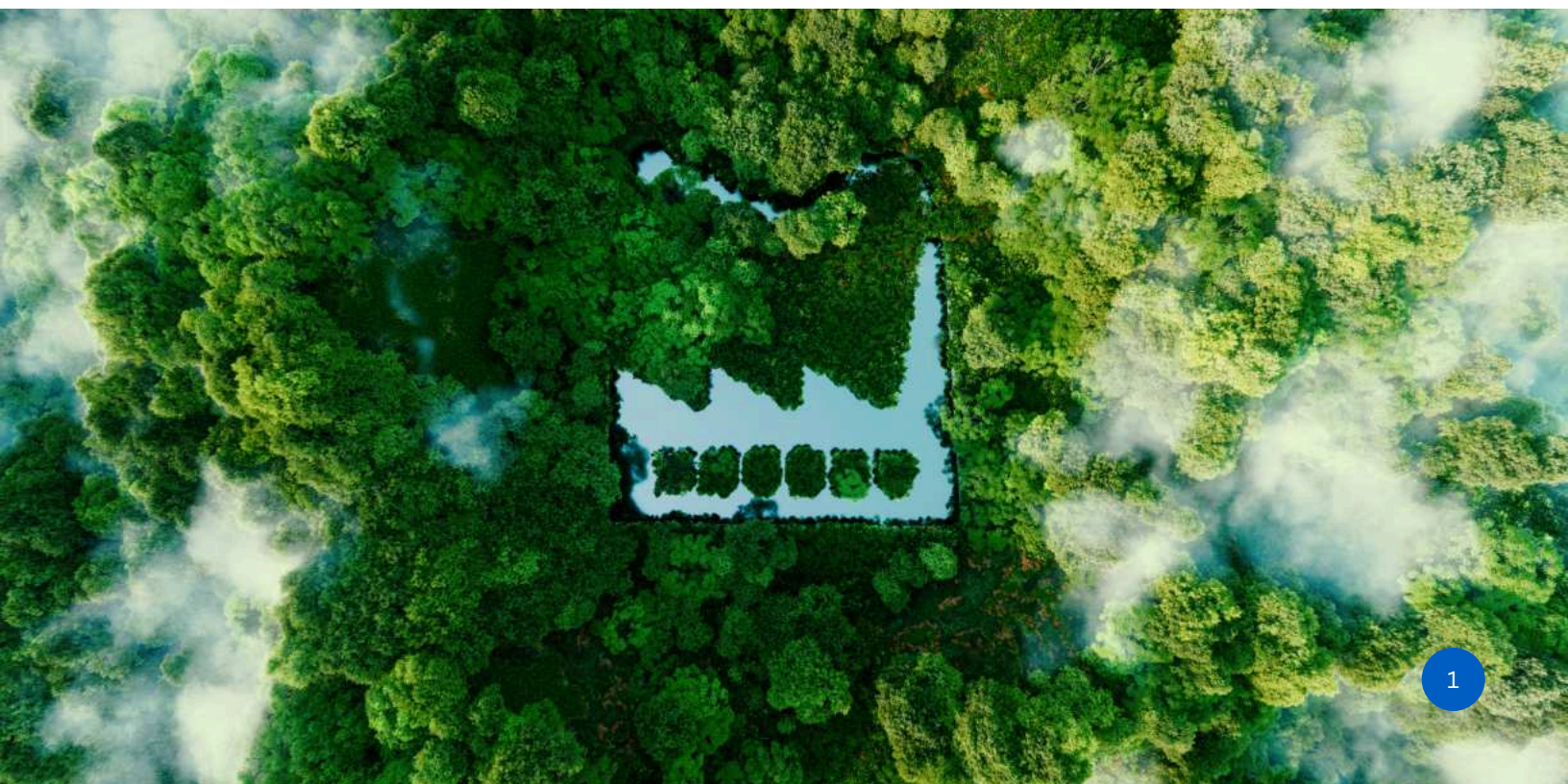
**Efficient systems for industrial
air purification and the
decomposition of pollutants**

Solutions for industrial air purification

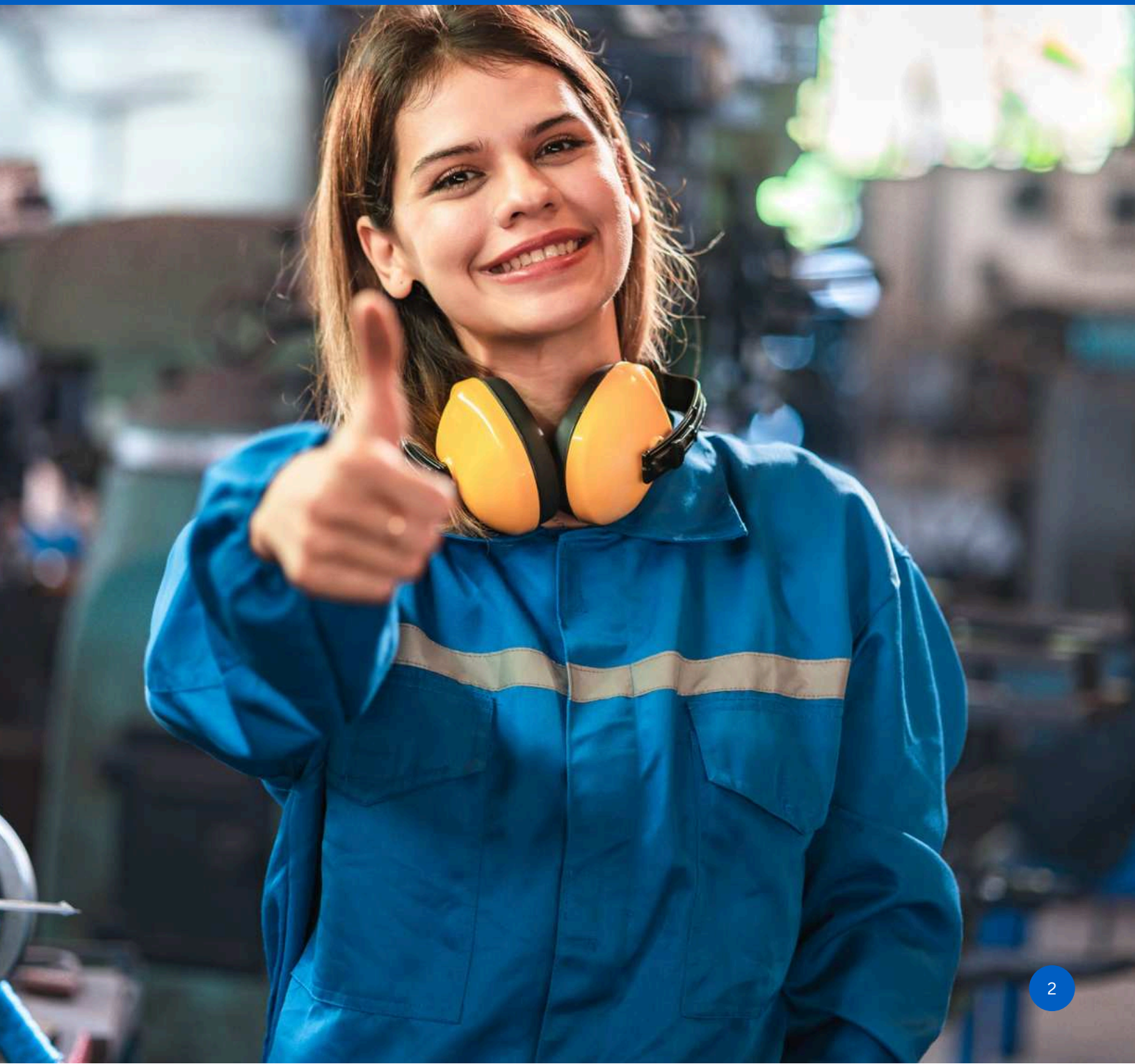
With our patented technologies, we support our customers from various industries in eliminating air pollutants, volatile organic compounds (VOC), odors and particulate matter from exhaust air and room air. Our systems also enable the real-time measurement of the air quality. Together with our industrial customers, we contribute to a cleaner and healthier air.

Clean air is essential for **health and well-being**. However, in many industrial processes and indoor environments, pollutants such as dust, chemicals, particulate matter and volatile organic compounds can have a significant impact on air quality. Effective **air purification** and the **removal of pollutants** is therefore crucial to protect health and minimize environmental pollution. Clean air also contributes to compliance with legal requirements. Air purification is therefore not only an investment in **safety**, but also in the **sustainability** and **efficiency** of companies.

With our efficient air purification technologies, we help companies from **various industrial sectors** to **improve the air quality in their premises, production halls and laboratories**. We offer innovative, modern and effective patented technologies that ensure a safe and healthy environment and effectively remove VOC, odors and particulate matter from polluted exhaust air.



Clean air for a healthy life – for a wide range of markets and industrial applications



Our technologies – purifying air and providing real-time quality monitoring

With our solutions for **purifying the air, removing pollutants** and **measuring the air quality**, we offer our customers efficient ways to significantly and easily improve health and environmental protection in their operations. Our technologies are tailored to the specific requirements of industrial processes, indoor spaces and sensitive environments such as laboratories and cleanrooms. As the world's first manufacturer, our systems combine the benefits of **catalysis with heat storage** in modular, compact and easily scalable air purification systems for volatile organic compounds, achieving **unparalleled energy efficiency and long-term stability** compared to other systems on the market. Due to their important contribution to health, climate and environmental protection, our systems are largely eligible for subsidies.

What we offer:

- Air purification systems for exhaust air
- Air purification systems for room air
- Real-time analysis of the air quality



Our advantages:



> 99 % pollutant removal rate



up to 90 % less operating costs



up to 70 % lower CO₂ emissions



~ 40 % less installation area

Our markets – Air purification and air analysis for many industries

Our systems and units help customers from all industries to contribute to the **protection of health and the environment** with **healthy and clean air**. By preventing the release of pollutants into the environment and enabling the measurement of the air quality, our products improve the air in indoor surroundings. With safe and clean air, you can contribute to health protection from production halls to laboratories, office buildings or schools!

Examples of market applications for our systems:



Chemical & petrochemical



Industry & energy



Laser processes



Pharmacy



Print processes

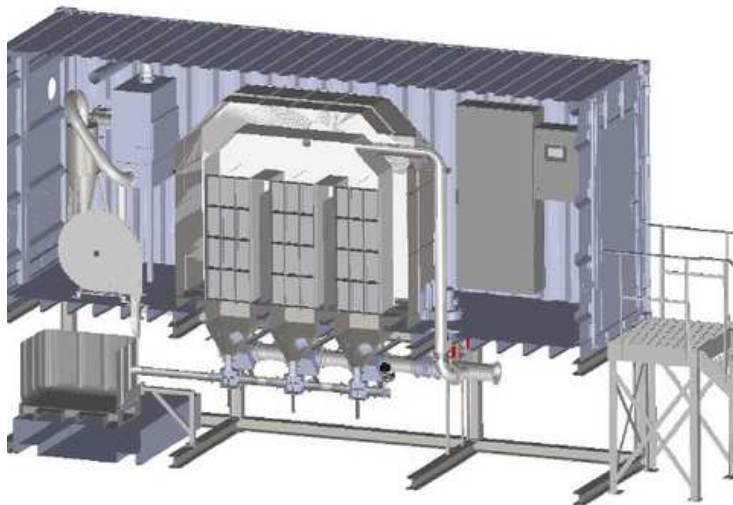


Plastic processes

Industrial exhaust air purification – removing pollutants and improving air quality

By **preventing the release of volatile organic compounds**, our exhaust air purification systems increase occupational health and environmental protection. With a **degradation rate of over 99 %**, our systems remove pollutants from industrial exhaust air and convert pollutants into a freely available heat flow. Our process air purification systems can be used in a wide range of industries.

Our modern air purification systems for industrial exhaust air make a significant contribution to ensuring **healthy and safe working conditions in industrial environments**. They effectively remove pollutants, dust and hazardous particles from the air created by industrial processes, thus ensuring a healthy working surrounding. With our solutions, you not only protect the health of your employees, but also comply with strict environmental and safety regulations.



The **exhaust air purification systems of the brand IVOC-X – Clean Air by ETS Air Systems** offer a **pollutant removal rate of almost 100 %** as well as attractive operating costs. As an important contribution to health, climate and environmental protection, the systems are also largely eligible for subsidies.

Due to their purely electrical operation, our systems do not require any fossil fuels and offer **unparalleled energy efficiency**. Additionally, productivity can be increased thanks to shorter heating-up times and the possibility of stand-by operation.



Industrial exhaust air purification – removing pollutants and improving air quality

For the **purification of exhaust air**, we offer our customers various systems suitable for the **removal of VOC, CO2 and NOX**. This makes our units of the brand **IVOC-X – Clean Air** perfectly suited for numerous applications in areas such as **chemicals, pharmaceuticals, the energy market, laser processes, printing and plastics**.

Typical degradable pollutants include monomers, butadiene, plasticizers, methanol ethanol, other solvents, formaldehyde, adhesives, carbon monoxide, hydrogen, benzene, toluene, ethylbenzene or xylenes as well as other substances.

For industrial exhaust air purification, we offer our customers both **thermal** and **catalytic** air purification systems. As modular concepts, the process air purification systems are available in three sizes. This modular design also means that capacity can be expanded at any time if required.



Thermal air purification systems (TX) for industrial exhaust air

by ETS Air Systems:

- TX 6.500
- TX 3.000
- TX 1.000



Catalytic air purification systems (CX) for industrial exhaust air

by ETS Air Systems:

- CX 5.000
- CX 3.000
- CX 2.000

Room air purification

— increasing air quality and safety in indoor rooms

The air quality in indoor rooms is 10 to 40 times worse than outside. It is therefore important to **maximize indoor air quality**. Our indoor air purification systems ensure healthy and clean air in closed rooms.

We offer various systems for a healthy environment to **purify indoor air** and prevent infection. Our air purifiers safely remove **bacteria, aerosols, germs, fine dust, soot particles** and other components and guarantee pollutant-free air with a **minimal installation area**. The systems are intuitive to operate and suitable for continuous operation. We offer different devices depending on your requirements and room size.



FX1.000:

The IVOC-X® FX1.000 is a professional room air purifier for a safe working and living environment.



FX1.000S:

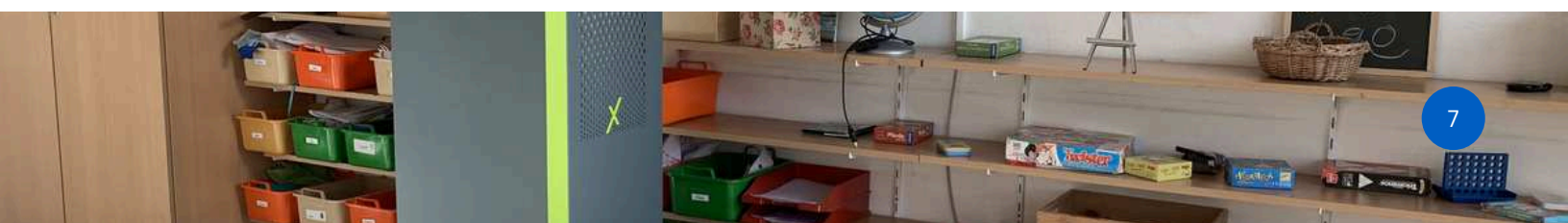
The IVOC-X® FX1.000S is a very quiet and compact room air purification system for sensitive environments.



FX6.000:

The IVOC-X® FX6.000 offers professional air purification for large rooms up to 500 square meters.

Our systems ensure the safe removal of viruses, aerosols, bacteria, germs, fine dust, pollen, dust or, depending on the model, gaseous odors and pollutants. **Typical applications** include offices, meeting rooms, production halls, laboratories, exhibition halls, schools and nurseries, the hospitality industry and retail.



Measuring air quality

— real-time analysis with detailed evaluations

With the LuSi system, our customers have an air analysis laboratory in their pocket. The device provides a reliable overview at all times and **measures air quality in real-time**. A **large number of parameters** are taken into account, including pressure, temperature, humidity, TVOC and particulate matter. These parameters are visualized clearly and fully automatically. Fine dust classes in particular can be measured in great detail with the device. In this way, the LuSi system increases safety, health and well-being.

LuSi is currently available as a standard version with 15 measured variables. Further development stages - especially for industrial applications - are also in progress.

The results can be **checked in real-time** via an app for desktop or smartphone, and the LuSi database is connected via Wi-Fi. Thus, you can keep an overview of all systems at all times. In the app, all the values determined by LuSi can be monitored, compared and evaluated over user-selectable time periods. In addition to a hazard display in the app, the air quality is also visualized locally on an LED light ring if the limit values are exceeded. This illuminated ring lights up in a 360° radius around LuSi and adapts to the ambient light conditions. This makes it possible to intervene quickly in the event of poor air quality, even without using the app. The information center integrated in the app provides you with information on the substances, their associated limit values and other explanations that are important to you.



Powerful solutions for a clean, pollutant-free air



Our company – who we are



ETS Air Systems is part of the ETS Group that was founded in 2023. The Group is a leading and growing provider of environmental technologies. The ETS Group headquarter is located in Germany. With further locations in France, the Netherlands and in the Middle East (Saudi Arabia and Bahrain), the Group is working internationally and supports customers world-wide in enhancing sustainability. The ETS Group invests in environmental technologies reducing emissions and wastes.



With the company ETS Air Systems, the ETS Group is specialised in efficient air purification, the removal of air pollutants and the real-time measurement of the air quality. The ETS Air Systems team builds on the expertise of former company IVOC-X – Clean Air and has over 30 years of experience in the market. With great experience, knowledge and our environmental technologies, we drive forward the efforts for a clean and healthy air.

Contact us!

From its headquarters in Jena, ETS Air Systems offers customers in Germany and Europe efficient air purification systems for application in many different industrial sectors. If you have any questions, please do not hesitate to contact us!

ETS Air Systems GmbH

Hans-Knöll-Straße 6 | D-07745 Jena

Telefon: +49 (0) 3641 55 94 650

E-Mail: info@ets-airsystems.com

ETS Air Systems

INNOVATIVE SOLUTIONS

ETS Air Systems GmbH
Hans-Knöll-Straße 6
D-07745 Jena
+49 (0) 3641 55 94 650
info@ets-airsystems.com
www.ets-airsystems.com

**We are passionate about
sustainable solutions.**

