



HEAVY DUTY CENTRIFUGAL FANS

It is with great pleasure that you find interest in us and our services.

In this brochure we would like to offer you a detailed insight into our company, our services and our way of working.

To do this, we take you with us on our journey: from a manufacturer of high-quality industrial fans to a provider of solutions in process air technology.

You can also learn more about the backbone of our success: our employees.

It is only through conscientious teamwork that we are able to offer the quality that you are used to from POLLRICH and that has established us as one of the world's leading providers of solutions in process air technology.

Thank you for taking the time to get to know us better.

Frank-Martin Bub
Managing Partner

MOVING AIR. SAVING ENERGY.

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HISTORY OF POLLRICH

With a history of almost 120 years, POLLRICH stands for continuity, quality and a spirit of innovation. From our beginnings to today, we have constantly developed and become a leading provider of centrifugal fans. Our experience forms the foundation for our success, while we continuously set new standards and develop innovative solutions.

1906

Beginning of a success story

Originally founded under the name Fabrik für Entstaubungs- und Lüftungstechnik, the company has its origins in Düsseldorf in 1906.

1922

Paul Pollrich & Co. GmbH

In 1922 the company changed its name and has been inextricably linked with the name POLLRICH ever since. This name has always stood for high efficiency and quality.

1999

POLLRICH Ventilatoren GmbH

In 1999 the company changed its name again so that the name already shows what the company focuses on.

2008

Entry of Top Air AG

With the entry of Top Air AG, the modern era in the company is initiated.

2016

Expansion of the fan program

Through the merger of ROTAMILL and POLLRICH into the ROTAMILL Group, POLLRICH gains the Rotamill fan program for its own range.

2018

Department Processes & Digitization

POLLRICH bundles capacities and competencies and increases efficiency through concentrated know-how and state-of-the-art technologies.

2023

US branch POLLRICH Inc.

In 2023, POLLRICH incorporated its first branch in the USA with its long-standing sales partner Tony Mackinnon.

2025

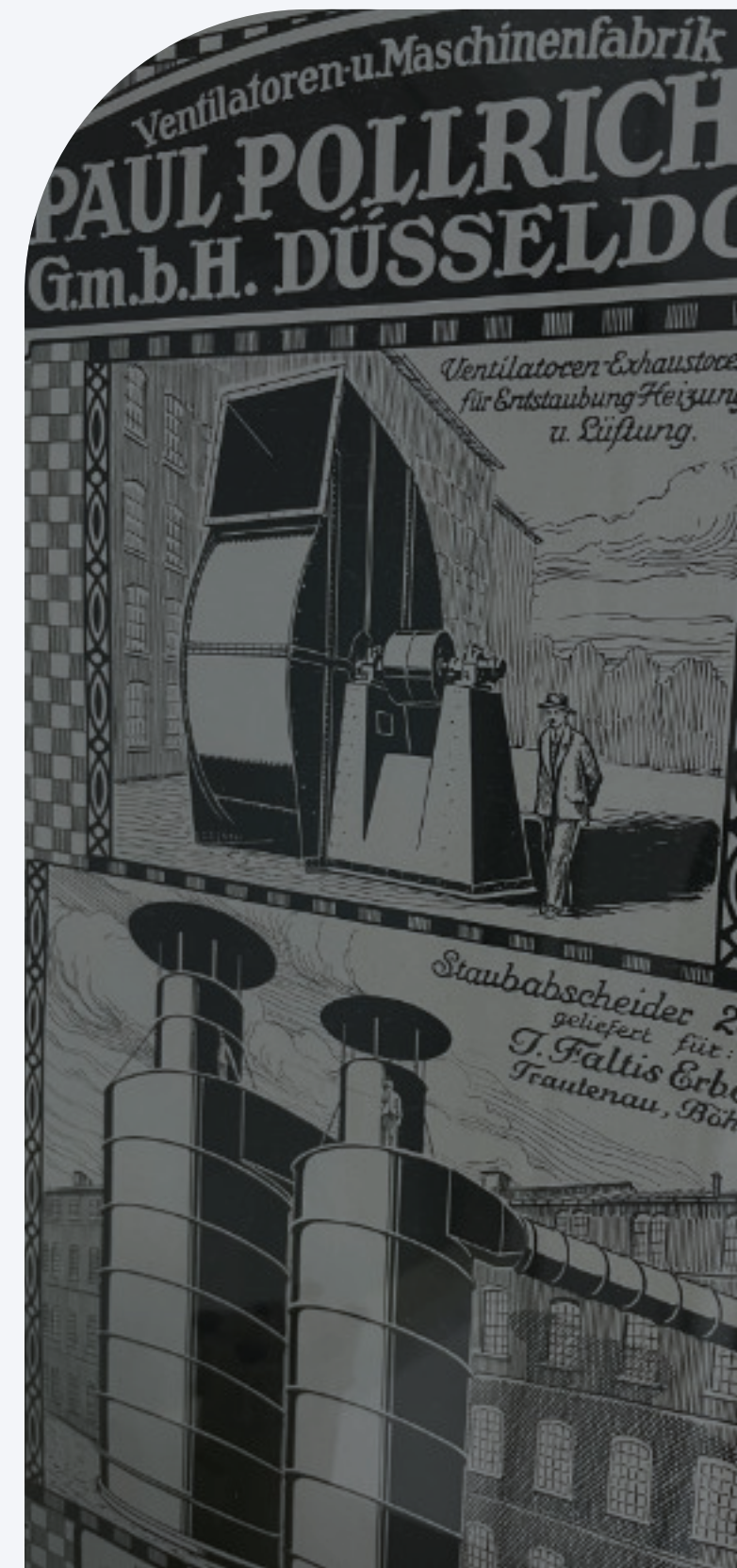
POLLRICH Pvt. Ltd. India

With the long-standing sales partner in India, Srinivasan Krishnamurthi, as Managing Director, the first subsidiary in India is established.

Special importance of experience

The many years of experience of POLLRICH GmbH since 1906 is an essential cornerstone for the successful cooperation with our customers. This experience enables us to manufacture high-quality centrifugal fans that meet the demanding requirements of various industries and also function perfectly in complex applications.

In addition, thanks to our experience, we can install and commission the fans in a tailor-made manner in order to minimize downtimes and maximize the efficiency of our customers' systems. Our precise adaptability to operational conditions and requirements rounds off our service and ensures smooth operation over the entire service life of the fans.



Since more than a century, Pollrich has been a reliable partner for mechanical and plant engineering for efficient solutions in process air technology. A distinctive innovative strength and the passion to develop the best possible product have led to our centrifugal fans being leading and setting standards in terms of longevity, reliability and performance.

At POLLRICH, we are convinced that there are no standard procedures that apply equally to all of our customers. Every project is unique and that is why we attach great importance to developing tailor-made fans that are tailored to specific needs. Our dedicated team uses their expertise and experience to precisely understand and meet the individual needs of each client. Whether it's dealing with extreme temperatures, high pressure requirements or harsh environmental conditions, we have the solution.

Innovation is a cornerstone of our business and deeply rooted in our corporate culture. We invest in both internal and external research and development to incorporate the latest technologies into our products. Thanks to this commitment, we can offer industrial fans that not only offer the highest performance and efficiency, but also focus on environmental compatibility. In this way, we offer our customers access to state-of-the-art solutions that increase their operational efficiency, lower long-term costs and minimize environmental impact.

The exceptional and well-documented quality of our products is our top priority. We carry out strict quality controls at every stage of the manufacturing process to ensure that our industrial fans meet the highest standards.

This commitment to quality is reflected in the reliability of our products, which are characterized by low maintenance and a long service life. Our customers can rely on POLLRICH solutions to meet the demands of their most challenging applications, giving them security and confidence in their operations.

180 +
Successful employees

2.000 +
Centrifugal fans per year

100.000 +
Centrifugal fans in total

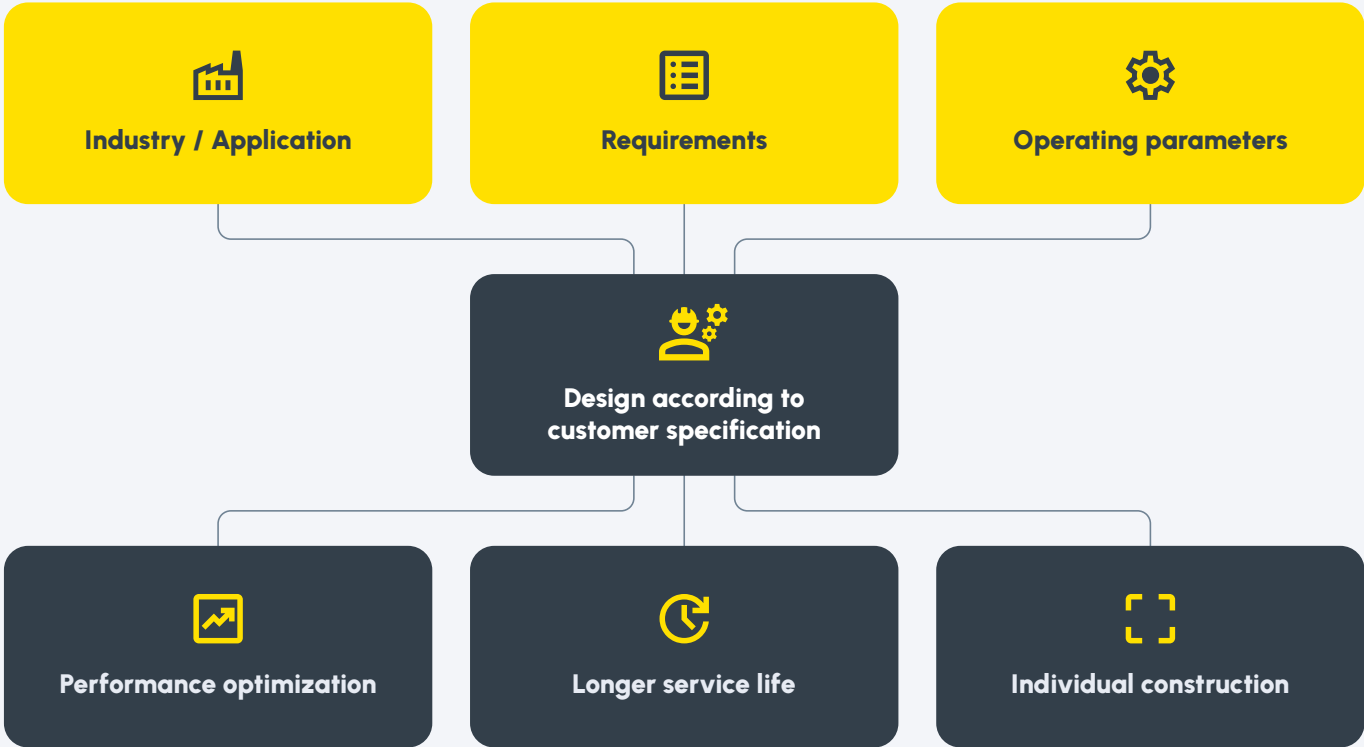
5.000 +
Satisfied customers

Customized by customer specifications

POLLRICH centrifugal fans for industrial applications are individually designed according to customer specifications, constructed and manufactured.

As a result, POLLRICH centrifugal fans achieve the optimum operating point in an energy-intensive environment, are more powerful, more reliable, more energy-efficient and guarantee cost savings that are clearly noticeable over the operating period - regardless of the industry for which the product is intended or the challenges involved in a project brings with itself.

At the same time, complete documentation and our project or order management help to ensure that the required quality is delivered at the agreed time.

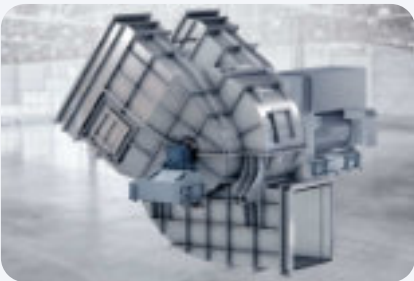


CENTRIFUGAL FANS

Centrifugal fans from POLLRICH prove themselves even under the harshest conditions in various industries and offer outstanding overall performance with optimized efficiency and minimal energy consumption.

POLLRICH fans are used worldwide in a wide variety of industries and meet the highest requirements even under the most demanding conditions. Whether in chemical plants, petrochemicals, power plants, steelworks or in food production, our customers rely on our centrifugal fans to reliably fulfill their tasks. They are specially designed to maintain their performance even in extreme environments such as corrosive air, toxic substances, severe wear and tear and extreme temperatures. They are even safely used in potentially explosive atmospheres, so-called ATEX zones.

What makes POLLRICH fans special is their longevity, robustness and high reliability. They offer outstanding overall performance with optimized efficiency and minimal power consumption, making them an economical solution for our customers.



Technical Data

Volume flow:	from 350m³/h up to 1,900,000m³/h (single-sided suction) up to > 3,800,000m³/h (double-sided suction)
Pressure increase:	up to 330mbar (single-stage) up to 560mbar (two-stage)
Impeller diameter:	from 250mm to 4,000mm
Peripheral speed:	up to 280m/s
Temperatures:	from -52°C to > 850°C
Drive power:	from <1kW to > 6,000kW

Design

- Double-flow fans
- Fans with suction box
- Direct, coupling and belt drive
- With steel frame or for mounting on a concrete foundation
- Any housing position possible

Applications

- Dedusting
- Process air & cooling
- Extraction
- Drying
- Pneumatic transport
- Air and hot gas recirculation
- Blast air generation
- Gas conveying
- Exhaust air and gas cleaning

Special designs

- Wear-protected fans
- Conveying & shredding fans
- Coated fans
- Explosion-proof fans (ATEX / Eex)
- High-pressure & pressure-resistant fans
- Fans according to API

Media

- Flue gas/exhaust air
- Corrosive/abrasive media
- Toxic/explosive gases

Industries

- Waste incineration
- Iron & steel industry
- Power plants & energy supply
- Pulp & paper industry
- Cement industry
- Chemicals, petrochemicals & pharmaceuticals
- Beverage & food industry
- Wood industry
- Plastics industry
- Drying technology
- Exhaust air purification
- Black carbon

Zertifizierte Qualität



DIN EN ISO 9001:2015

Certified according to the international standard for quality management systems. This means the highest quality, continuous improvement and customer orientation for you.

- Ensuring quality standards
- Increasing customer satisfaction
- Risk minimization
- Continuous improvement



AD2000 data sheet HP 0

Compliance with the requirements of AD 2000 data sheet HP 0 for the manufacture and testing of pressure vessels. This ensures the quality and safety of our products and compliance.

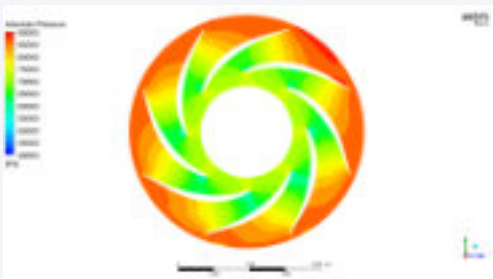
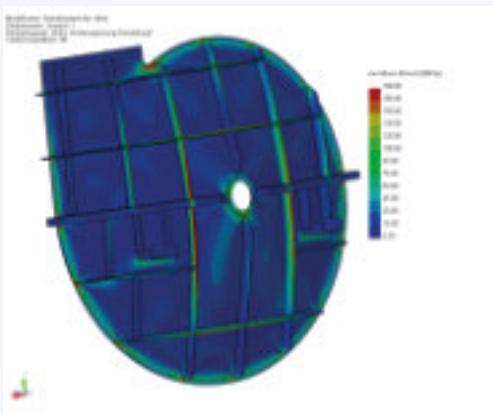
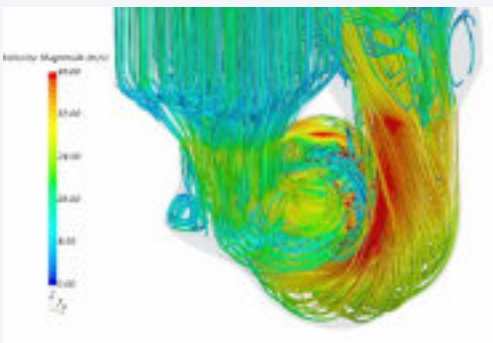
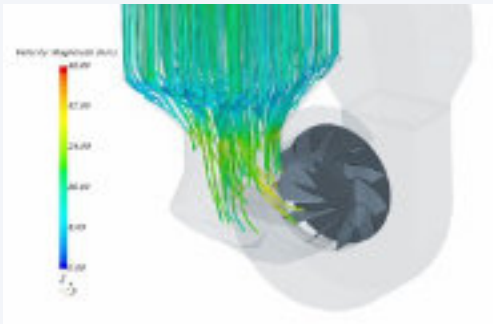
- Highest safety standards
- Durable and safe products
- Legal conformity
- Competence and care



DIN EN 1090

Certified according to DIN EN 1090 and therefore authorized to manufacture load-bearing steel and aluminium structures. This guarantees compliance with the highest quality and safety standards in steel and metal construction.

- Legal certainty through conformity
- Expertise in the manufacture of load-bearing components
- Ensuring the load-bearing capacity and stability of structures
- Reliable partner for steel and metal construction projects

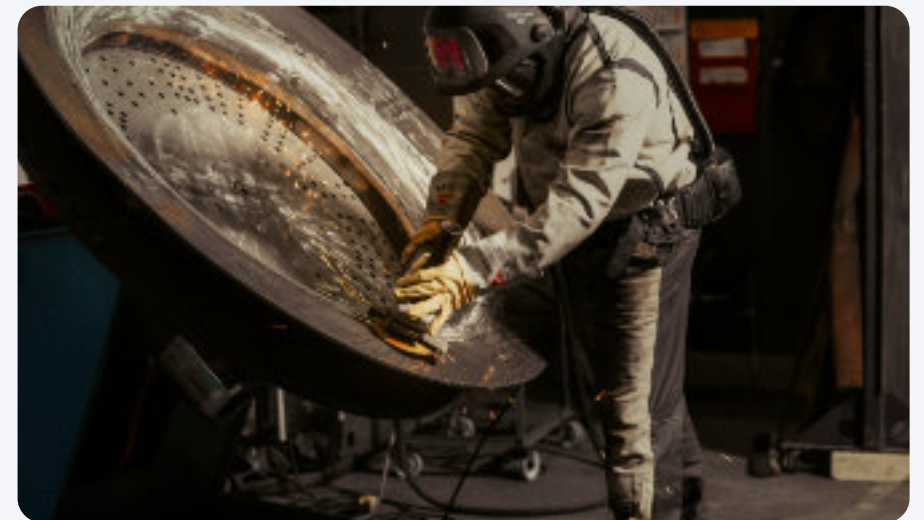
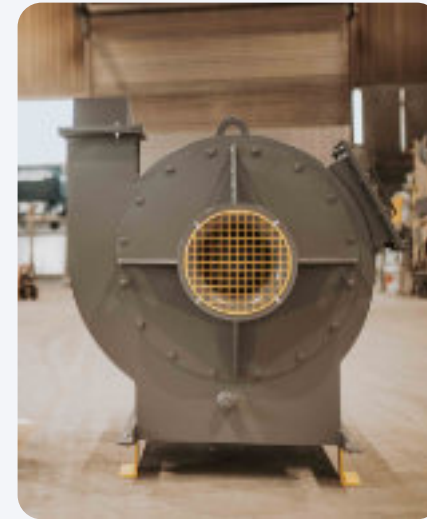
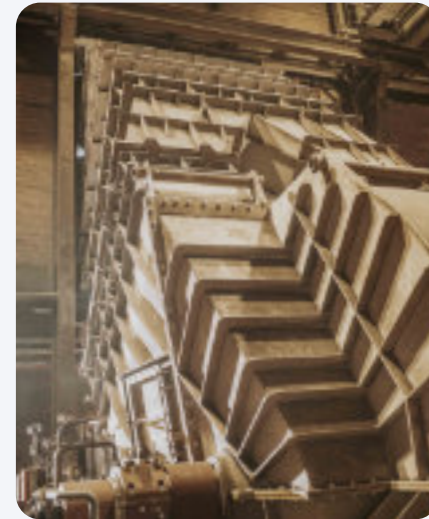
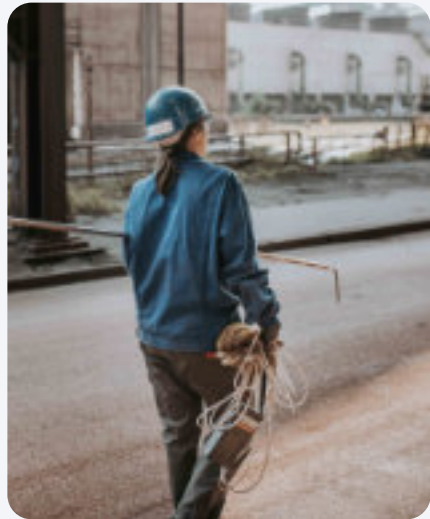
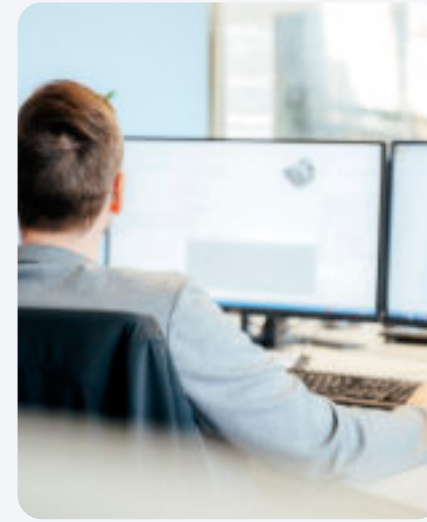


Research & Development

Innovation is the driving force behind our success. At POLLRICH GmbH, we attach great importance to research and development in order to always offer our customers the best industrial centrifugal fans for process air applications.

Our dedicated team of engineers and technicians is constantly working to optimize our products and develop new, forward-looking solutions. By using the latest technologies and simulation processes, we ensure that our fans meet the highest standards of efficiency, performance and durability.

- **Energy efficiency:** We develop fans with optimized impellers and housing designs to minimize energy consumption and reduce your operating costs.
- **Noise reduction:** Our fans contribute to an improved working environment through innovative noise reduction concepts.
- **Individual solutions:** We develop customized solutions that are precisely tailored to your requirements and the specific conditions of your application.
- **Reliability and durability:** Our fans are manufactured to the highest quality standards and tested for durability.
- **Future-oriented technologies:** We rely on innovative technologies to be able to offer you the best solutions in the future.











For more than a century, Pollrich has been a reliable partner to the mechanical and plant engineering industry for efficient solutions in process air technology. A pronounced innovative strength and a passion for developing the best possible product have led to our centrifugal fans leading the way and setting standards in terms of durability, reliability and performance.

Based on our many years of experience, distinctive expert knowledge and great competence, we stand closely by our customers. As a recognized efficiency and innovation partner, we can always play to our strengths when it comes to high-performance and reliable productivity solutions. This applies to far more than just the reliability of systems. We also focus on parameters that meet the highest standards when it comes to our consulting services and service. The same applies to the broad field of technical documentation. In order to be able to offer all of this at a qualified level, we communicate with our customers on an equal footing - as partners, competently and with a focus on

solutions at all times. To ensure that this is to our mutual advantage, we seek proximity to and continuous exchange with our customers.

We support our customers all over the world from our company locations in Siegen, Mönchengladbach, USA and India. Our service employees are on duty for you worldwide - wherever they are needed. With their many years of experience, they help to reduce downtimes and increase the efficiency of your system.

 Project & Order Management	 Assembly & Commissioning	 Maintenance & Inspection
 Analysis & Optimization	 Troubleshooting & Repair	 Spare parts & Fans



Minimization of downtimes

Downtimes cost money and nerves. POLLRICH GmbH supports you in minimizing these and maximizing the productivity of your systems. We effectively prevent malfunctions with regular inspections and maintenance work. Should a breakdown nevertheless occur, our service team will be there for you quickly with an extensive stock of spare parts. And thanks to our 24/7 emergency service, you can also reach us outside regular business hours. With POLLRICH GmbH at your side, you increase your planning security and reduce repair costs.



Customization and support

We understand that every application has individual requirements. That's why we attach great importance to flexible customization and comprehensive support. Our experienced engineers analyze your needs and develop tailor-made solutions that perfectly match your processes. From planning and project development to commissioning and maintenance, we are at your side with help and advice. Benefit from our expertise and a personal service that is tailored to your individual needs.



Longer service life

POLLRICH GmbH supports you in maximizing the service life of your centrifugal fans and thus increasing the profitability of your systems. Thanks to high-quality materials, precise manufacturing and innovative design methods, we guarantee maximum robustness and wear resistance. Our service team will be happy to advise you on the best fan for your application and support you with professional maintenance and servicing. This means you benefit from maximum service life, minimum operating costs and long-term planning security.



LOOKING AHEAD

Our Vision

As a leading global supplier of centrifugal fans, POLLRICH GmbH strives to transform the industrial landscape. Our vision is to set technological benchmarks, increase energy efficiency and raise ecological standards through innovative solutions. We foster partnerships based on trust and shared success and recognize our responsibility to make a positive impact on the world.

As a company founded on integrity, innovation and social responsibility, we strive to create a future in which POLLRICH GmbH products are synonymous with the highest quality, efficiency and environmental friendliness.

Our Mission

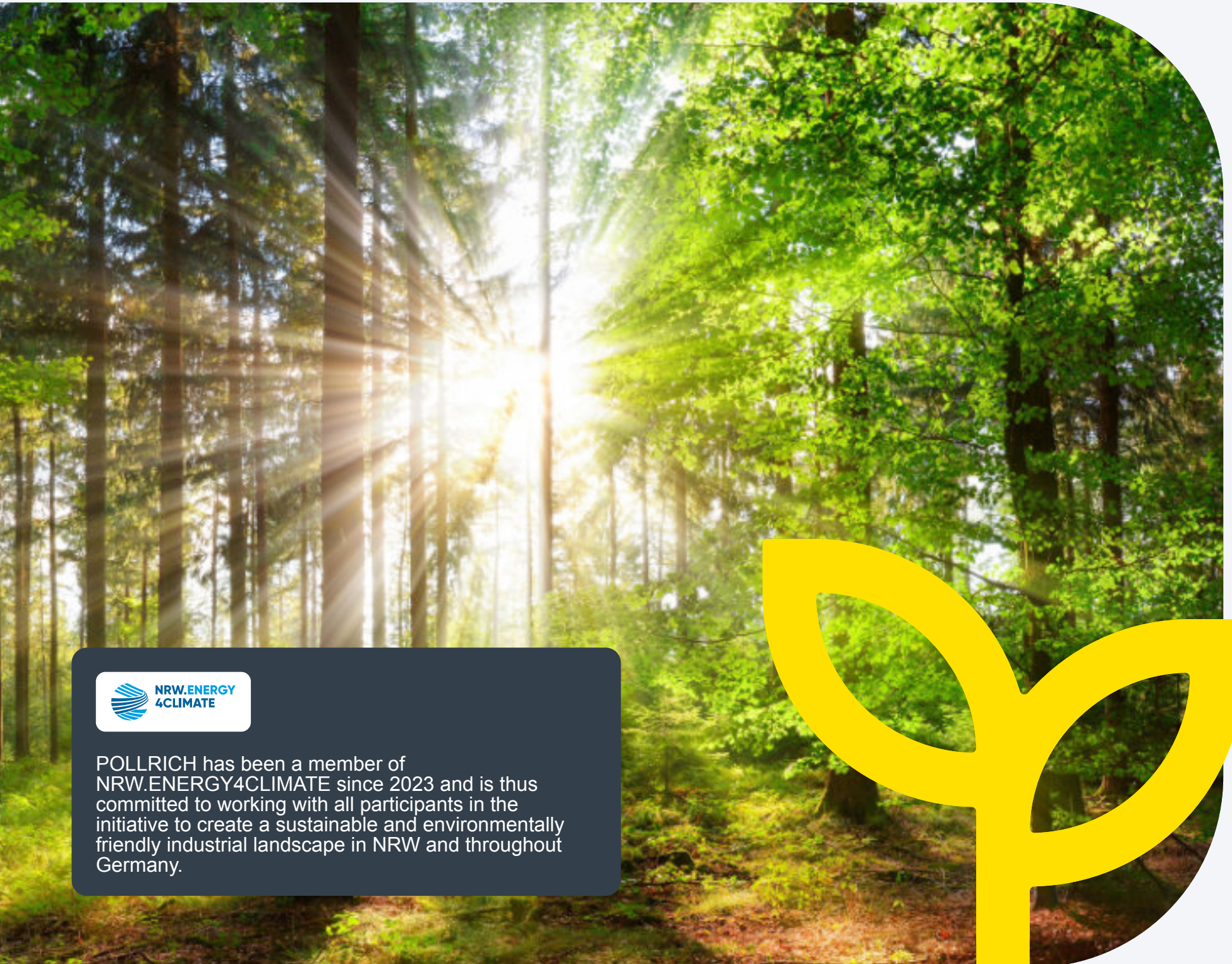
Our challenge is to push technological boundaries through research and development. In partnership relationships, we strive for more innovation while being committed to positive social and environmental impact. We are not only suppliers of centrifugal fans, but also consultants for the optimization of fluidic processes and the implementation of future-oriented solutions.

With integrity, innovation and social responsibility, we strive to play a pioneering role in shaping a future in which POLLRICH GmbH stands for the highest quality, efficiency and environmental friendliness. These challenges are our driving force for success and innovation in the industry.



100 years of experience meet innovative spirit

POLLRICH pursues long-term goals in its activities, which are reflected in our vision and mission. To ensure that these always reflect the spirit of the times, we adjust them at regular intervals in order to meet the challenges of our time.



POLLRICH has been a member of NRW.ENERGY4CLIMATE since 2023 and is thus committed to working with all participants in the initiative to create a sustainable and environmentally friendly industrial landscape in NRW and throughout Germany.

POLLRICH accepts the challenge of identifying and taking measures with regard to social and ecological responsibility

We are in a development process and are actively working to create a more inclusive working environment and more sustainable business practices. Our focus is on diversity, equal opportunities and professional development for employees. At the same time, we optimize processes to increase energy efficiency and rely on environmentally friendly technologies. Transparency and open communication are crucial for us to understand expectations in dialog with all parties and to continuously learn.

POLLRICH is determined to move towards greater social and environmental responsibility and to make a sustainable contribution to a better future.

LIVING PRODUCTIVITY

By Living Productivity, we also mean a management and corporate culture that is characterized by efficiency and productivity.

All of the internal and external services we provide have a direct impact on our customers' productivity. The service packages are put together individually in such a way that they offer the customer the greatest possible added value in terms of increased productivity. This added value makes us not only a sought-after partner for customers, but also a reliable companion for employees and suppliers.



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