



# INWATEC

Innovative Water Technology

[www.inwatec.com](http://www.inwatec.com)



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# INWATEC • YOUR STRONG PARTNER FOR INDUSTRIAL **WATER**

The increased mechanization of industrial water systems and growing awareness of environmental and resource conservation pose new challenges for industrial companies addressing water treatment. As one of the leading water treatment companies in Germany and in Eastern and Western Europe, we at **INWATEC** support our customers in mastering these challenges.

## **From water conditioning to plant engineering**

Regardless of whether it is a large industrial group or a medium-sized company: Our customers across

Europe, many with whom there is a long history, trust in our experience, our innovative technologies and our modern understanding of services. In our offices and laboratories in Bergheim near Cologne and our German production facility, we develop customer-specific solutions as well as our own patented products, formulations and processes related to water conditioning and plant engineering.

# ABOUT US

Founded in 2000, the **INWATEC** team combines many years of experience with innovative ideas and a modern understanding of service. To date, **INWATEC** has become one of the leading water treatment companies throughout Germany as well as in Eastern and Western Europe.

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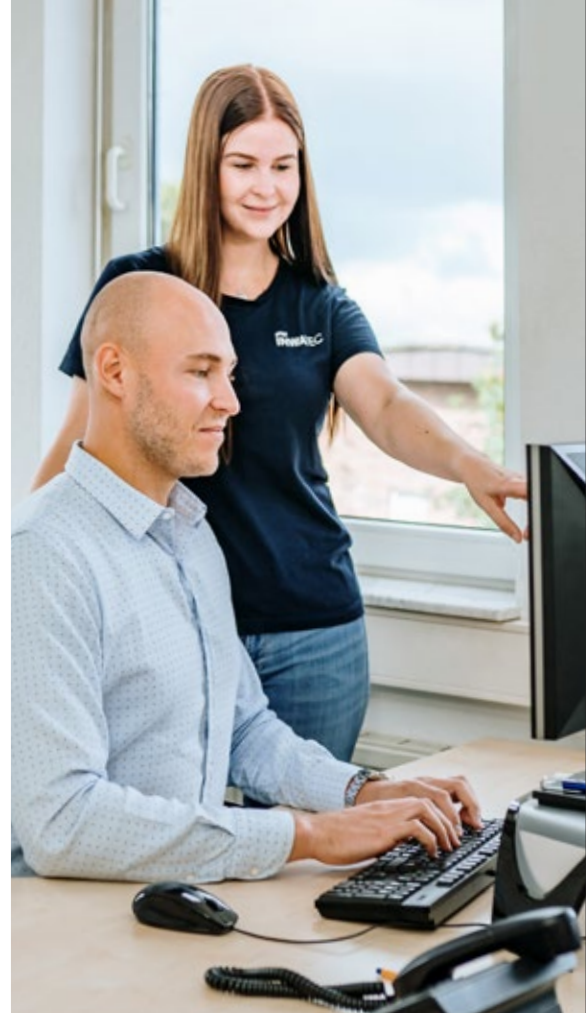
## THE INWATEAM

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Our interdisciplinary team consists of process and mechanical engineers, biotechnologists, microbiologists, electrical engineers as well as chemists and commercial professionals. Together these employees characterize our communicative, helpful and familiar cooperation. The perfect working environment to develop innovative ideas that have a common goal: To offer our customers the optimal solution for their individual problems and systems.

### Our employees? Our most important asset!

One thing is particularly important to us: Our employees at **INWATEC** show a high sense of responsibility for their efforts and are empowered to make important decisions on their own. Our customers benefit from it. Because of the high level of professional competence and high moral standards of our team, a mutually beneficial and sustainable cooperation with our clients across Europe is ensured.



# OUR APPLICATIONS & PRODUCTS

In order to ensure the successful use of the medium water in the company, it is always necessary to make expertise available and then use it. Therefore, **INWATEC** is not just about selling products, but about holistic solutions for our customers. We choose the most effective products for our customers'

applications – from inhibitors and stabilizers for cooling systems to powerful biocides and residual hardness binders for boilers. Our focus is on chemical and process engineering water treatment and the associated technology.

## PRODUCTS FROM OUR OWN PRODUCTION

A wide selection of products for the treatment of industrial, process and wastewater as well as cleaners for industrial systems and various types of dust binding agents complete our portfolio. Our specialty chemicals are developed in our laboratories in Bergheim and are manufactured in our own production facility in Mönchengladbach.



Our raw materials are purchased exclusively from German and European manufacturers – close to our headquarters and within easy reach of our customers.



Due to our own production we develop customer-specific products to be able to optimally treat and counteract a wide variety of problems.





## Cooling Water

01

- Corrosion inhibitors / hardness stabilizers
- Dispersing agents (oil dispersing agents / biodegradable dispersing agents)
- Biocides (oxidizing and non-oxidizing)
- Acids / alkalines for pH regulation
- Flocculant
- Chlorine dioxide production units



## Boiler Water

02

- Scale antidote
- Hardness stabilizers
- Oxygen binder (hydrazine substitute)
- Steam alkalizer
- Alkalizing agent
- Antiscalants for reverse osmosis



## Waste Water

03

- Flocculant and precipitant chemicals
- Flocculants
- Defoamer
- Adsorbents
- Heavy metal precipitant
- Biocatalysts



## Special Applications

04

- Hydroxide-sludge-free emulsion splitting
- Dust binding
- Special cleaners
- Mussel control
- Water treatment plants (softening plants, osmosis plants etc.)

# EQUIPMENT ENGINEERING & SERVICES





Regardless of whether it is the optimization of an existing system, a new system, system-oriented product and technology suggestions or system maintenance: when it comes to the development of an optimized value-add solution, our customers

trust in the expertise of our specialist departments. Ultrasonic technologies, dosing and monitoring systems as well as filter and softening systems are also part of our portfolio.

## Transparent advice

We see ourselves not only as a competent service provider, but also as a trustworthy partner ready to work with your team at your level. Our customers rely on our experience and competence.

We appreciate this placement of trust and therefore put comprehensive advice and transparency at the center of our services.

-  Control of legionella concentration:  
Taking legionella samples, accredited analysis, sampling schedule, keeping the operating log as part of the 42nd BImSchV and the VDI guideline VDI 2047 sheet 2.
-  Online operating diary: Software solution to implement the 42nd BImSchV and the VDI guideline VDI 2047 sheet 2.
-  Hygienic risk assessment: "INWAhyg" – complete risk assessment to determine possible health risks from Legionella in the cooling water system.
-  Service & Analytics: Officially ordered control measurements (eg monitoring chemical parameters to comply with official limit values), system monitoring, control of product storage, logistics processing, and much more.



# OUR INNOVATIONS

Striving to get the best out of our customers systems, we develop innovative systems in close cooperation with industry. Our **INWATEC** measuring systems meet the growing demands of our customers for monitoring control.



## INWATROL *expert*

### Monitoring and controlling in real time

Our **INWATROL expert** automated system monitors online important water parameters and product concentrations for water treatment and provides a detailed description of the cooling water quality in real time. Control deviations and malfunctions are recognized immediately and countermeasures are implemented. The operating data generated can be easily viewed, assessed and documented for operators via the web browser. Thanks to its modular structure, the **INWATROL expert** systems can be specially adapted to the individual challenges of different cooling systems.

## INWATROL *L.nella*<sup>+</sup>

### Online legionella monitoring

With our patented **INWATROL L.nella<sup>+</sup>** system, the legionella concentration in cooling water systems is constantly monitored. The innovative device can be connected directly to the system and fully automatic determines the water quality and without further efforts by an operator - every five hours. The resulting data can be viewed via a standard web browser and can be documented.

**INWATROL L.nella<sup>+</sup>** is the system of choice for companies that cannot operate without having a fully reliable system in place.





## OUR SPECIALIST DEPARTMENTS

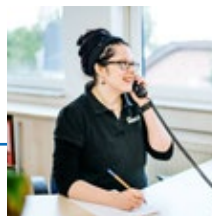
At **INWATEC**, we offer our customers high-quality products, innovative technologies and comprehensive services for all aspects of water conditioning for industry.

One thing is essential: Our specialist departments must work in earnest and in partnership with each other as well as with customers and suppliers. This is possible only through our lean and flexible corporate structures unsurpassed professional and moral qualifications of our employees.



## Laboratory & Development

Our heart beats in the laboratory:  
We analyze and evaluate samples that we get from our European customers - for example in the context of service contracts. Also, this is where the formulations for our own, patented products are created.



## Service & Logistics

All threads come together in the sales, purchasing and order department. Here our commercial employees take care of the preparation of offers, order processing, delivery dates and contracts.



## Technical Sales & Service

Our field service team takes care of the support of our customers - from the system monitoring/recording on site to the realization of individual customer requests. In the event of technical problems, our service team is at your side and works hand in hand for an optimal result.



## Equipment Engineering

Ideas become reality in the Equipment engineering department: Not only the **INWATROL expert** and **INWATROL L.nella +** systems are built here, also individual solutions are developed for our customers. Standard systems? With us, none.

# RESPONSIBILITY & ENVIRONMENTAL PROTECTION

We at **INWATEC** are aware of our responsibility to plant operators since our actions may have a major impact on our customer's systems, equipment and operations. But as a company we feel socially responsible for the environment.

That is why we source our raw materials exclusively from EU countries and, with our continuous research, focus on improvements in environmental protection and on using our products in a way that conserves resources. Our unsurpassed ethical and moral values have been recognized by EcoVadis, the established certification system for environmental and social practices. Choosing a partner in the field of

water treatment is no easy task, because plant operators are left to place absolute trust in the capabilities of this partner. Therefore, operators should consider some important points when choosing their water treatment partner.

## FIVE REASONS WHY CUSTOMERS WORK WITH **INWATEC**



### Consultancy

Our corporate vision is characterized by the fact that we make the success of our customers our top priority. We accompany our customers with every step of the project with comprehensive advice and the greatest possible transparency.



### Solution orientation

We make our customers problems our own. With this approach, we use innovative products and efficient processes for our customers, which translate into real solutions for them.

# CERTIFICATIONS & MEMBERSHIPS

- ✓ Certification according to DIN EN ISO 9001
- ✓ Certification according to DIN EN ISO 14001
- ✓ EcoVadis certification
- ✓ Specialist company according to the Water Resources Act (WHG)



## Expertise

Thanks to their expertise in the field of chemistry and physics, our experts are not just familiar with system parameters and the interaction of the various conditioning chemicals. They also have knowledge of the current legal requirements specific to industrial water.



## Service

Exceptional customer service is our top priority. Our focus is always on the optimal conditioning and operation of the systems. Poorly conditioned systems need to be replaced faster and cause downtimes and costs.

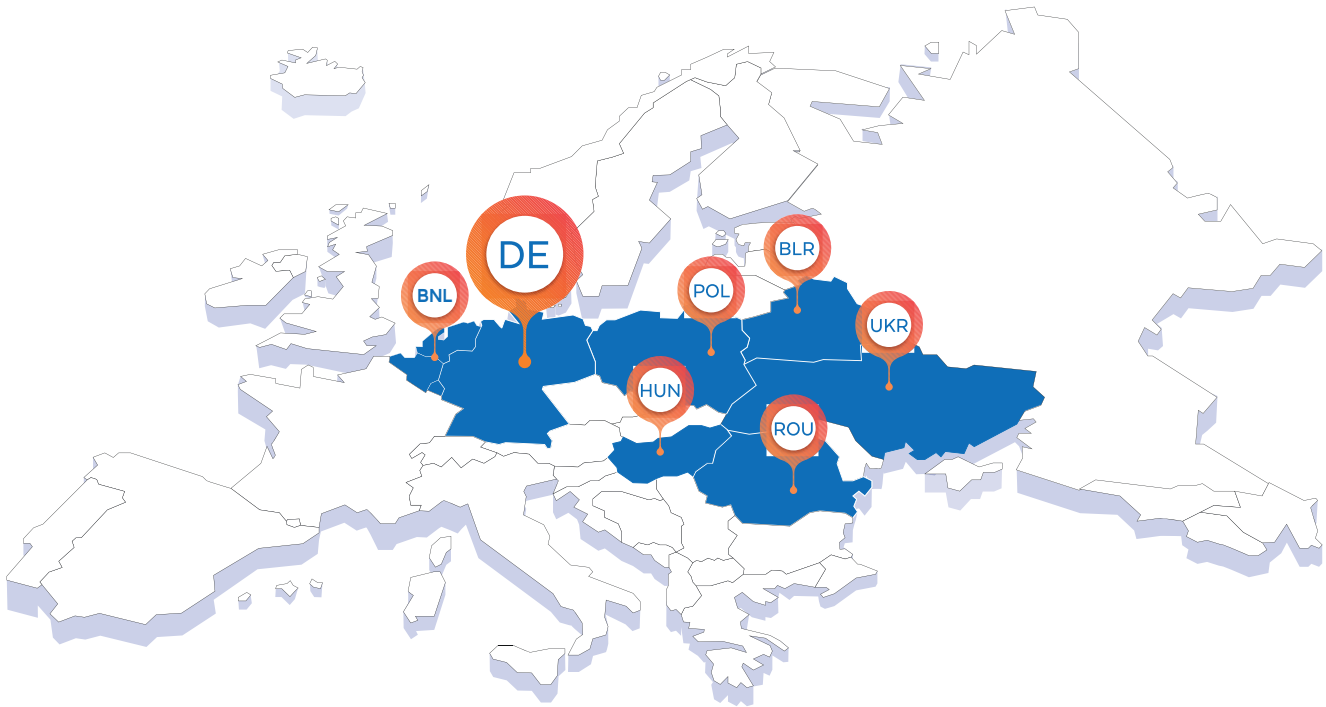


## Complete Offer

**INWATEC** customers benefit from the fact that applications, products, plant engineering and services come from a single source. In this way, all components are always coordinated and ensure the optimal conditioning of the systems.

# OUR LOCATIONS IN EUROPE

Individual and best possible customer care on site only works with short distances. For this reason, **INWATEC** has branches in Germany, Eastern Europe and the Benelux. We also work with sales partners and agents in Cuba, China, Africa, Macedonia, Spain, Belarus, Hungary and many other countries.

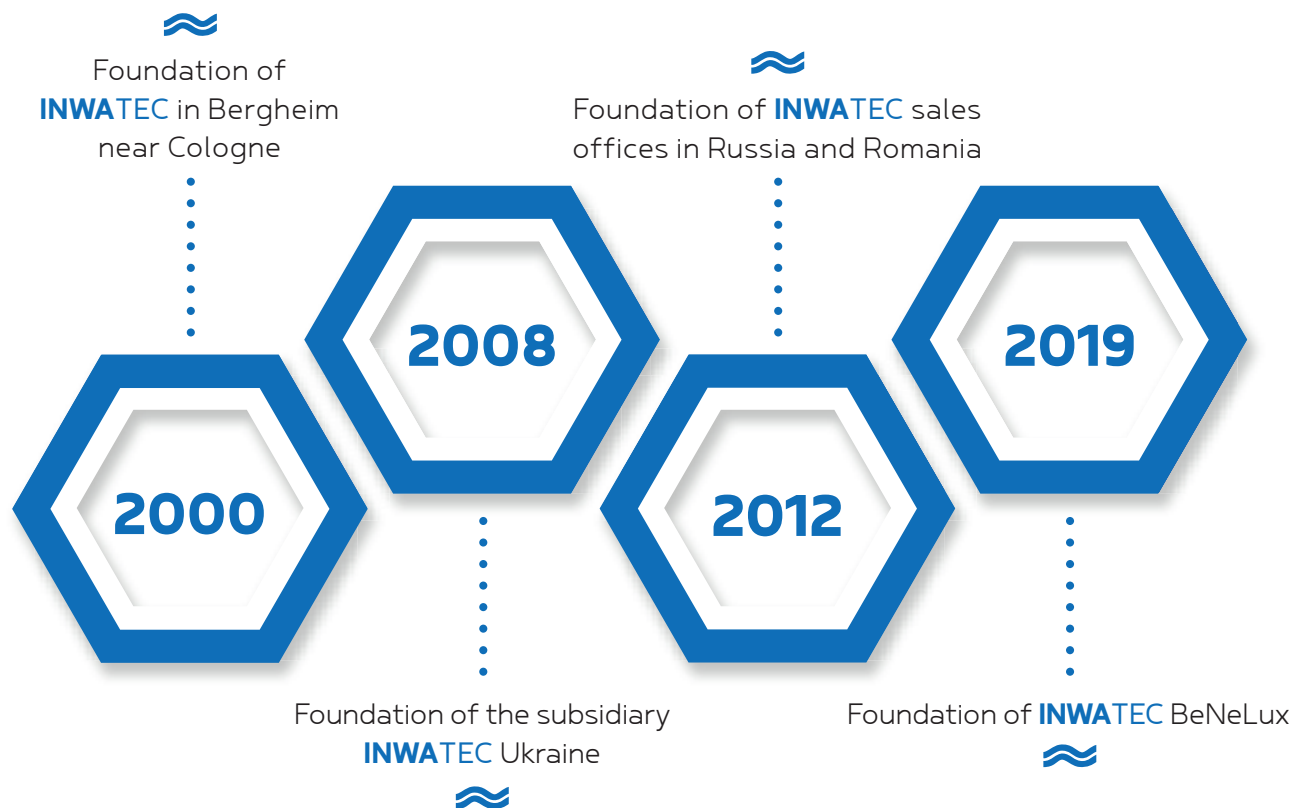




# OUR HISTORY

Each **INWATEC** treatment concept combines the desire for economical solutions, the protection of technical systems and environmental preservation with the latest knowledge and processes - individually tailored to the specific requirements of our customers. All of this is derived from our many years of experience.

Thanks to it, **INWATEC** is one of the leading water treatment companies in Germany, Eastern and Western Europe.





# INWATEC®

Innovative Wassertechnik

[www.inwatec.com](http://www.inwatec.com)

INWATEC GmbH & Co. KG

INWATEC Industry Services GmbH & Co. KG

Römerstr. 131-133, 50127 Bergheim

Tel. +49 (0) 2271 - 99 551, Fax +49 (0) 2271 - 99 551 - 50

[info@inwatec.com](mailto:info@inwatec.com)