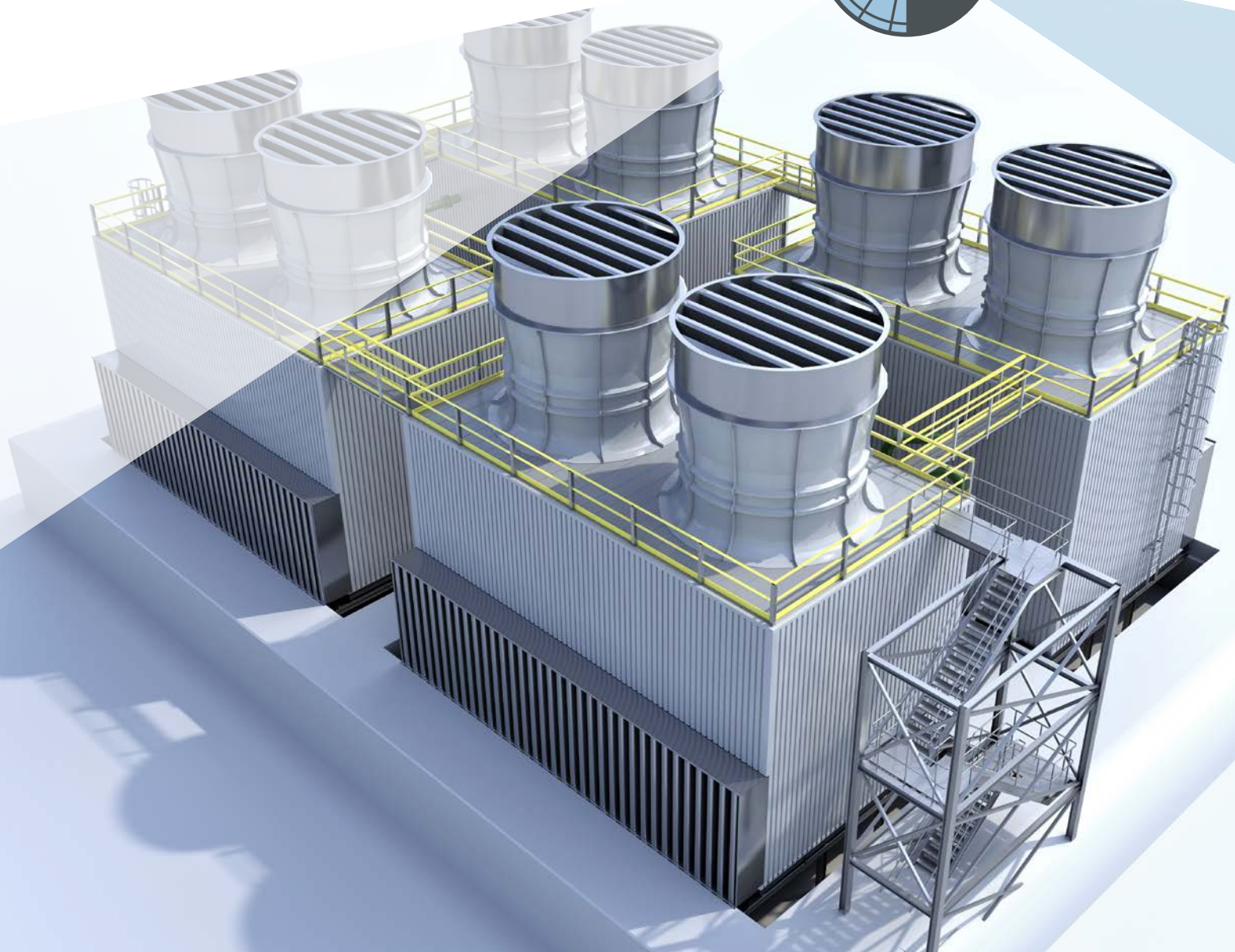
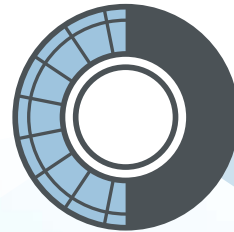


YOUR RELIABLE SERVICE PARTNER

Your partner for industrial, process and power wet cooling systems





**FIRST RATE PERFORMANCE
TO ACHIEVE OUR GOAL**

Top customer satisfaction!

WE SEE THE BUSINESS THROUGH YOUR EYES

The name **ENEXIO Service** stands for quality and reliability in industrial, process- and power cooling. Our name is, at the same time, a promise to our customers and business partners – ENEXIO Service stands for **YOUR COOLING TOWER – OUR COMPETENCE**

ENEXIO Service employs a team of mandatory wet cooling tower specialists at four locations within Europe – thereof more than 70 employees in Germany with headquarter in Bochum and a subsidiary in Leipzig, a branch office in the Netherlands as also 13 employees in Italy.

Years of experience and success have made us a leading company for the design and implementation of wet cooling systems, based on our research and development with our own test capacities, we can provide references at almost all German and numerous international industrial, chemical and power plant locations.

With the help of our own assembly teams, site managers and engineers, you can achieve maximum system availability with ENEXIO Service.

The decisive factor for the operational safety, economy and service life of wet cooling systems is an object-related, professional and reliable service, which you will find at ENEXIO Service.

ENEXIO Service has successfully established itself as a leading provider in the development and manufacture of wet cooling systems in recent years.

Based on decades of experience, we offer individual service concepts for maximum operational safety, system effectiveness and availability over the entire service life of the systems.

All services are available for ENEXIO Service systems and components as well as third-party products.

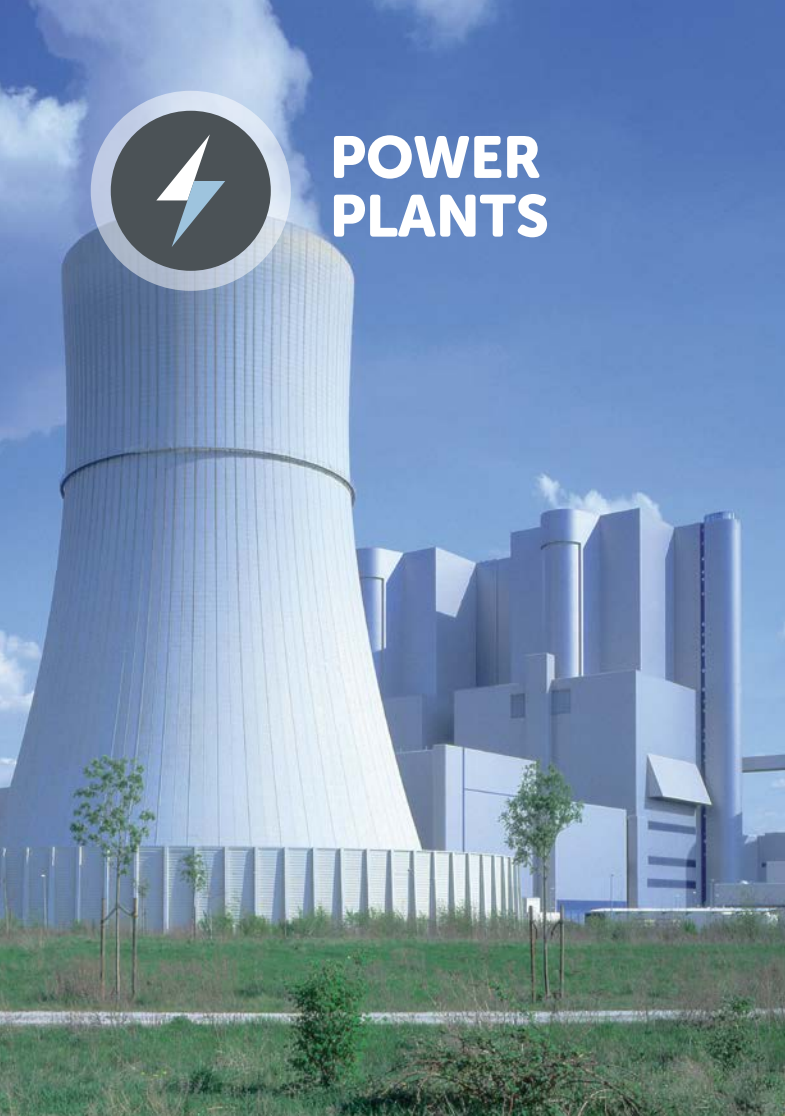
WE ARE CERTIFIED

DIN EN ISO 9001:2015
DIN ISO 45001:2018
SCCP:2011
KTA 1401
SPECIALIZED FIRM acc. WHG
(WASSERHAUSHALTSGESETZ/
GERMAN FEDERAL WATER ACT)

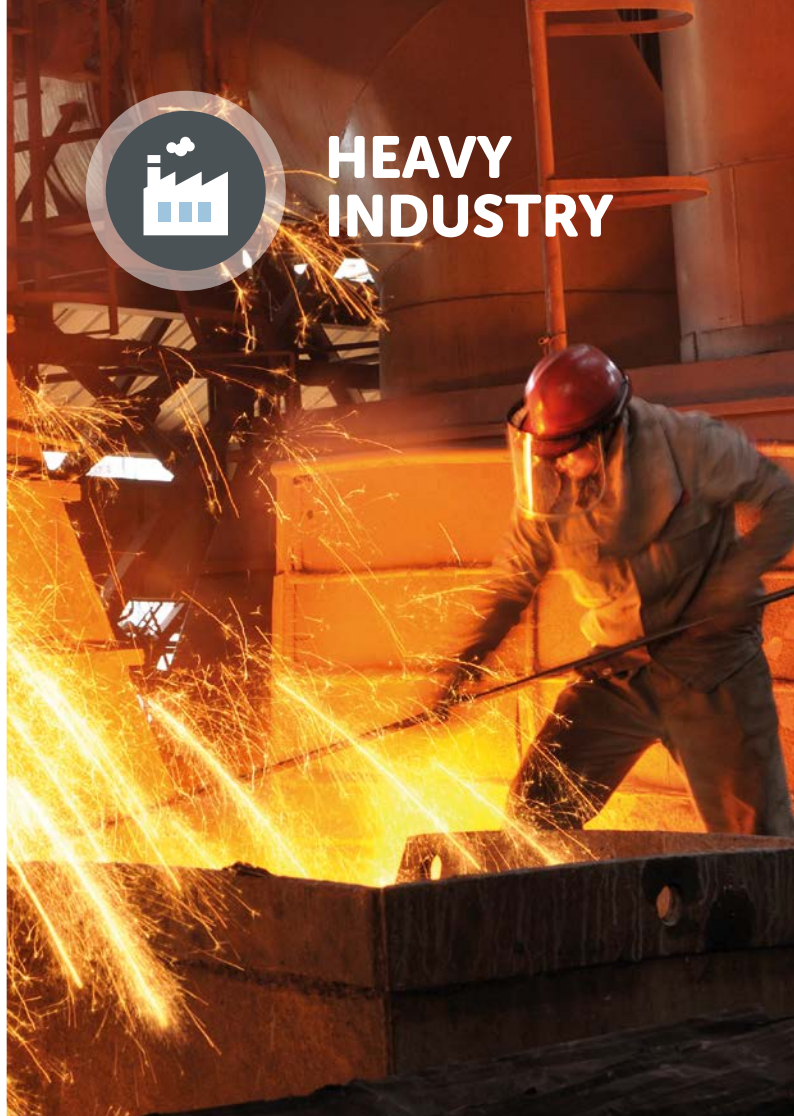




POWER PLANTS



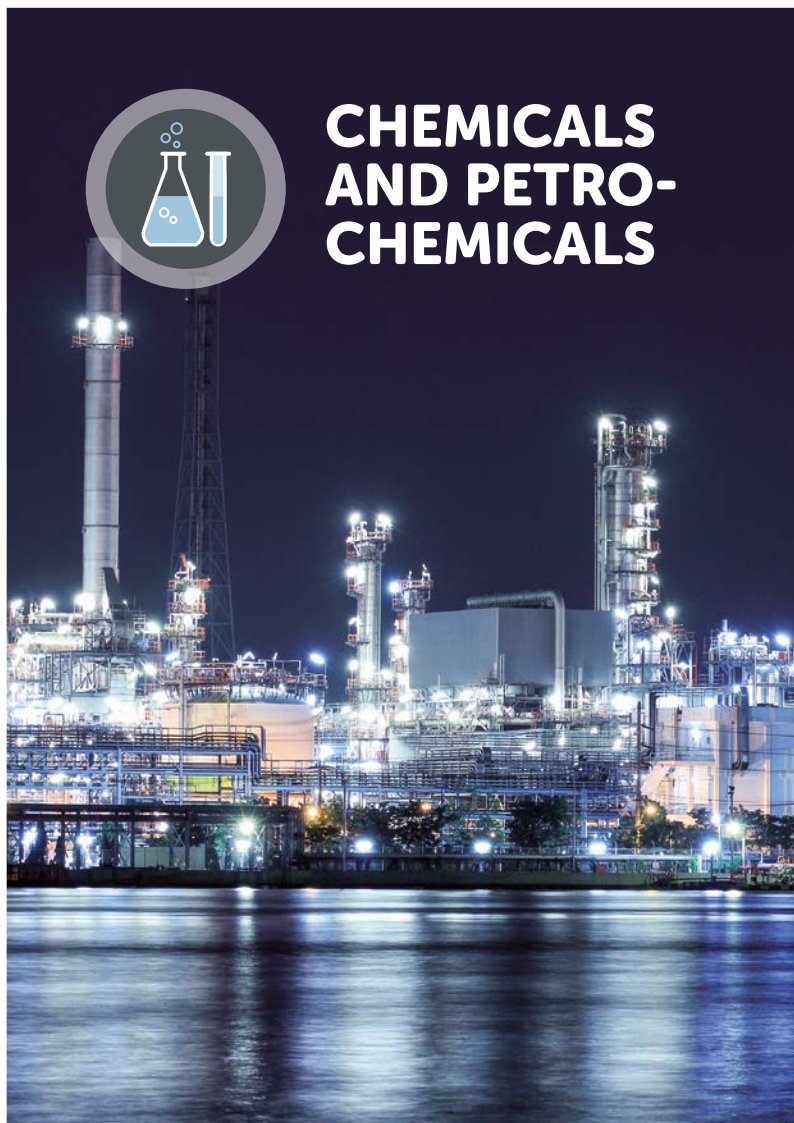
HEAVY INDUSTRY



PROCESS INDUSTRY



CHEMICALS AND PETRO-CHEMICALS



OUR SERVICES PRODUCT PORTFOLIO

OPEN WET COOLING TOWERS

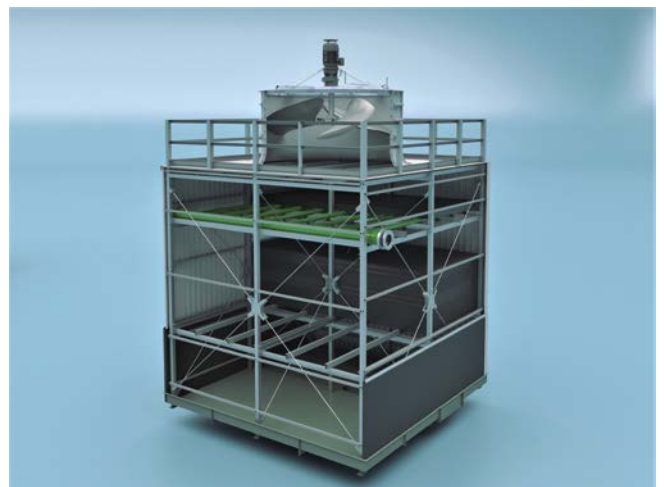
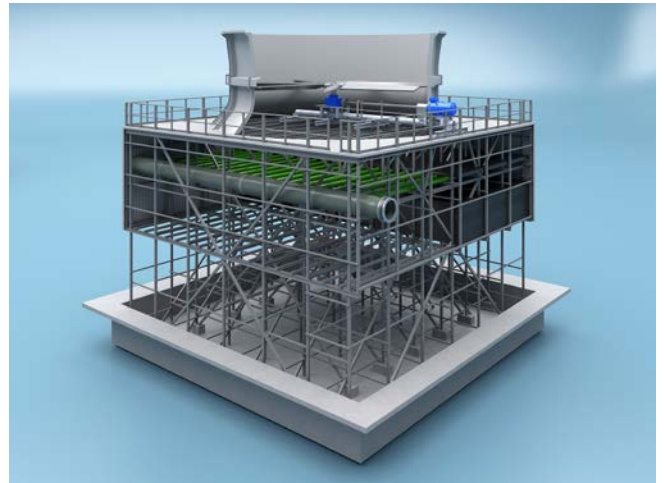
- project planning
- new build
- refurbishment
- direct replacement

SPARE PARTS & SERVICES

- for all open wet cooling systems
- for all brands

Our scope of deliveries and services in detail

- new construction, maintenance and repair of fan cooling towers
- refurbishment, performance increase and optimization of cooling towers
- complete overhaul of entire cooling units
- spare parts delivery and assembly
- inspections and reports
- assembly and disassembly
- cleaning work
- coolingfillpack exchange
- overhaul and upgrading of motors, gearboxes and fans as well as their optimization
- expansion of the drive units
- framework service agreements



All work, including the necessary engineering services and procurement, is carried out from one hand.

WE INVESTIGATE – YOU BENEFIT



Effective cooling in cooling towers through optimal water distribution with the appropriate spray nozzles.



High-performance cooling fill and efficient drift eliminators for economical, low-maintenance and ecological cooling tower operation.

Mechanical components

The use of further developed components with new technologies goes hand in hand with, for example, a higher cooling capacity, lower energy consumption or lower noise levels.

ENEXIO Service analyzes the installed components and the improvement potential of the equipment in order to identify optimal and customized solutions. The payback period for such a modernization is usually very short – especially if the modernization is combined with comprehensive maintenance

In the last few years, it has been possible to demonstrate clearly improved values for the cooling components with regard to cooling performance or dirt deposits.

New and more efficient electric motors for fan drive (e.g. permanent magnet motors for small coolers), which are profitable already after a short time, can be used in combination with the use of different rpm significantly reduce noise emissions and electrical power-consumption.

The mechanical components of the cooling tower are adapted to the current requirements by exchanging individual components and optimally coordinating them with one another. This includes the use of more efficient motors or a noise-optimized redesign.

ENEXIO Service offers

- installation of new gear motors
- assessment of the fan condition
- replacement of components such as drift eliminators and coolingfill components
- vibration measurement with the latest technology

WE INVESTIGATE – YOU BENEFIT

Fans

Fan blades made of GRP must be protected by an intact surface coating that is suitable for optimal air flow and protects also against the effects of the weather and surrounding conditions. In use, moisture, UV radiation and abrasion at the leading edge will damage this coating.

If the wear has progressed so far that the glass fibers are exposed, the structure of the fan blade can be damaged and the strength can be affected. With a repair and a new surface coating, an expensive new purchase of the complete fan is avoided.



ENEXIO Service offers

- assessment and evaluation of the fans
- disassembly and assembly on site
- refurbishment in our own specialist workshop
- vibration analysis and balancing

More than just conventional service activities

In addition to the measures relating to equipment modification and performance enhancement, you can also take advantage of our partial or complete system service.

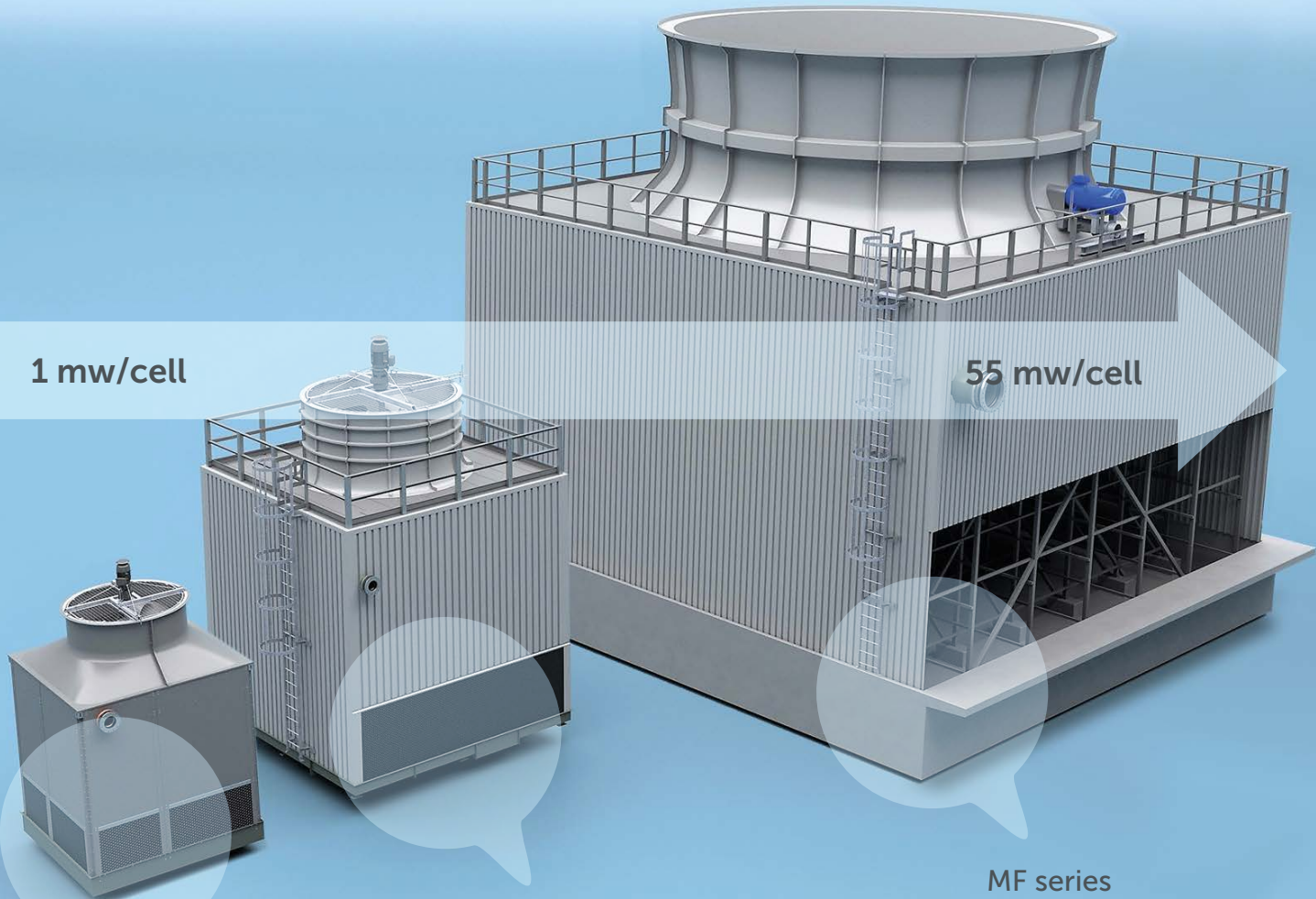
Most of our experience in plant service originated in the power plant industry and in the process industry. The development of the new business for cooling systems in the biomass or waste incineration sectors has further strengthened our competence with the special features of various systems.



Modern vibration monitoring of the machine



Refurbished fan



1 mw/cell

55 mw/cell

KKT series with
GRP structure up to 38 m²
The modularized standard
cooling tower with minimal
delivery and assembly time

MS series
(Modular Steel)
with steel structure
The flexible cooling
tower for industrial
applications

MF series
(Modular Fiberglass)
with GRP structure
from 92 m²



MODULAR CELL CONSTRUCTION FOR MAXIMUM FLEXIBILITY

Adaptation to all process requirements
and environmental conditions.


COMPACT. POWERFUL. VARIABLE.

Fan-assisted cooling towers are the all-rounders among the cooling towers. They are compact, powerful and variably adaptable to the respective operating and climatic conditions. They are equipped with forced- or induced-draft fans and are the ideal solution for industrial applications such as in power plants, chemical and petrochemical plants, steel plants, air separation plants, in the automotive industry, in timber and paper factories as well as in air conditioning/refrigeration systems.

By any combination of single cells and group installation, almost every kind of operation can be ensured.

ENEXIO Service can provide you with cell cooling towers of every performance level with sprinkled base areas of approx. 9 m² to 370 m² for each individual cell. They can be combined into complex cooling plants of any size.

The use of cooling tower systems in cell design enables a flexible design that meets the process requirements and environmental conditions. Furthermore, the cell construction guarantees a high degree of flexibility. For example, the cells can be serviced individually and emptied if necessary while the system is in operation.



Advantage of the cell type modular construction
The robust construction is suitable for any amount of cooling water and heating output. Highly efficient components guarantee performance.





CUSTOMER FOCUSED **COOLING TOWER SERVICE**

Regular maintenance and repair of your cooling tower guarantees best cooling performance and increases the service life considerably.

OUR TEAM WILL BE HAPPY TO ASSIST YOU

The ENEXIO Service team is superbly equipped with all the necessary special tools and is able to carry out even highly specialized work on any cooling tower. Performance, sound and vibration data are determined and evaluated by our highly-qualified technical staff so that a tailored solution is perfectly worked out for our customers.

Inspection

Our specialists carefully inspect your cooling systems and evaluate the individual components. The resulting report forms the basis of recommendations for maintenance and possible repair work.

The current status is examined, and the urgency as to needs is assessed. Repairs and modernizations, taking into account safety, operational readiness, efficiency and capacity are included in our service concept. The maintenance work is documented in individual reports, acceptance inspection report as well as other important documents and analyses.

Measurement

After the inspection, a detailed report is created which, in addition to a description of the damage and an assessment of the damage, also includes repair suggestions and operating instructions if required.

On the basis of the service reports, you gain security with regard to the timing and scope of repair work.

New legal and technical requirements, such as the requirements from the 42nd BImSchV, are taken into account in our suggestions and further operating information. Here we advise professionally and independently.



WE ARE HERE FOR YOU CONTACT US

With our experience and our pioneering spirit in engineering, production and service, we deliver the most modern solutions for power plants worldwide, Water and wastewater applications – always with a responsible use of all resources for a clean environment.

Our employees work with ongoing commitment to high quality, ecology, cost-efficient products and services. We deliver top performance with one goal: maximum customer satisfaction.

ENEXIO Service has successfully established itself as a leading provider in the development and manufacture of wet cooling systems in recent years.

Our employees are characterized by

- RELIABILITY
- KNOW-HOW
- PRECISION
- TRUST

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