REMONDIS Aqua GmbH & Co. KG

# Municipal and industrial water management

Solutions ranging from drinking water and process water supply to wastewater treatment and resource recovery

remondis-aqua.com

REMONDIS®
WORKING FOR THE FUTURE

# You'll find REMONDIS Aqua wherever there's water

When it comes to high-quality water, REMONDIS Aqua is one of the leading specialists. Whether it is an exemplary water supply system, conscientious wastewater treatment or the construction and operation of water treatment plants, REMONDIS Aqua is a competent partner whose experience and expertise you can rely on at all times.

**REMONDIS Aqua**
REMONDIS Aqua specialises in providing a full range of water management services. No matter whether it involves industrial processes, supplying people and households with high-quality drinking water or treating wastewater, our aim is to develop efficient, innovative and sustainable solutions for water management requirements of the water industry. REMONDIS Aqua has been working as a partner to local authorities and industrial businesses throughout Germany and internationally for several decades. Local authorities as well as numerous industrial companies place their trust in our water supply and wastewater treatment solutions. This also includes a smart, networked infrastructure for the city of the future.

**Our recycling philosophy**
Water treatment is our goal. We help municipalities and industry recycle water and systematically recover resources. From water extraction to wastewater treatment, our goal is to conserve natural resources. In the field of recycling, REMONDIS Aqua develops comprehensive concepts to reduce specific material and energy consumption, which lowers costs and reduces the burden on the environment especially in times of raw material scarcity. Over the past few decades, wastewater treatment plants have evolved into true all-rounders. In addition to treating wastewater, they act as a barrier against pollutants, recover minerals such as phosphorus, and generate energy. Another challenge are extreme weather events, to which municipalities and industry must adapt as part of a proactive risk management strategy. We support our customers with technical innovations in this ever-growing challenge, for example through fully closed water cycles in industry or through digital early-warning systems for flood protection.

**61 million m³/yr**
of processed drinking water

**> 100 million m³/yr**
of treated wastewater

**2.2 million t/yr**
of material streams, incl. sewage sludge

**10,300 km**
of drinking water pipe networks

**5,800 km**
of sewer pipe networks

**Regardless of the scope of the service and the cooperation, we focus on partnership and personal service. To achieve this, we work with our customers to develop customized solutions that take into account technical, economic, and site-specific requirements.**

## Municipal water supply

We have been a reliable partner in the field of drinking water treatment for decades and our portfolio covers the entire technical and commercial area of water supply.

_ water extraction
_ water treatment
_ water distribution
_ infrastructure management

## Municipal wastewater treatment

Clear water is a precious commodity. That is why we devote all our energy and experience to wastewater treatment. And we utilise the potential inherent in municipal wastewater, such as energy and raw materials.

_ wastewater treatment
_ energy and resource recovery
_ site drainage
_ grid operation

## Industrial water management

Many companies place the treatment of their process water in our hands. We offer effective, customised solutions and service concepts.

_ water treatment
_ industrial wastewater treatment
_ recycling/process optimisation
_ REMONDIS Aquatic Mining®
_ process water management

## Sewage sludge recycling

With our expertise and innovative processes for the utilisation of municipal and industrial sewage sludge, we guarantee long-term disposal security.

_ sewage sludge and residue utilisation
_ phosphorus recycling
_ contracting
_ energy management
_ co-digestion

## Services

We offer numerous services in the field of water management. All solutions have been developed with operational benefits in mind and have proven their worth.

_ development and innovation
_ IT-supported network/plant management
_ fee management
_ analytics/laboratory

In addition to flexible partnership models, our customers benefit from digital solutions. Fields of application include intelligent flood protection or the optimisation and planning of systems

Selected solutions

## Phosphorus recycling helps ensure a long-term supply of raw materials

Phosphorus is essential for all life on our planet. Supplying our agriculture and industry with this valuable raw material, almost 100 per cent of which we have to import in Europe, is becoming increasingly costly due to dwindling resources and the deterioration in raw material quality. As a result, phosphorus from municipal sewage sludge will have to be recycled in Germany from 2029 onwards. The REMONDIS' TetraPhos® process can make an active contribution to phosphorus recovery.

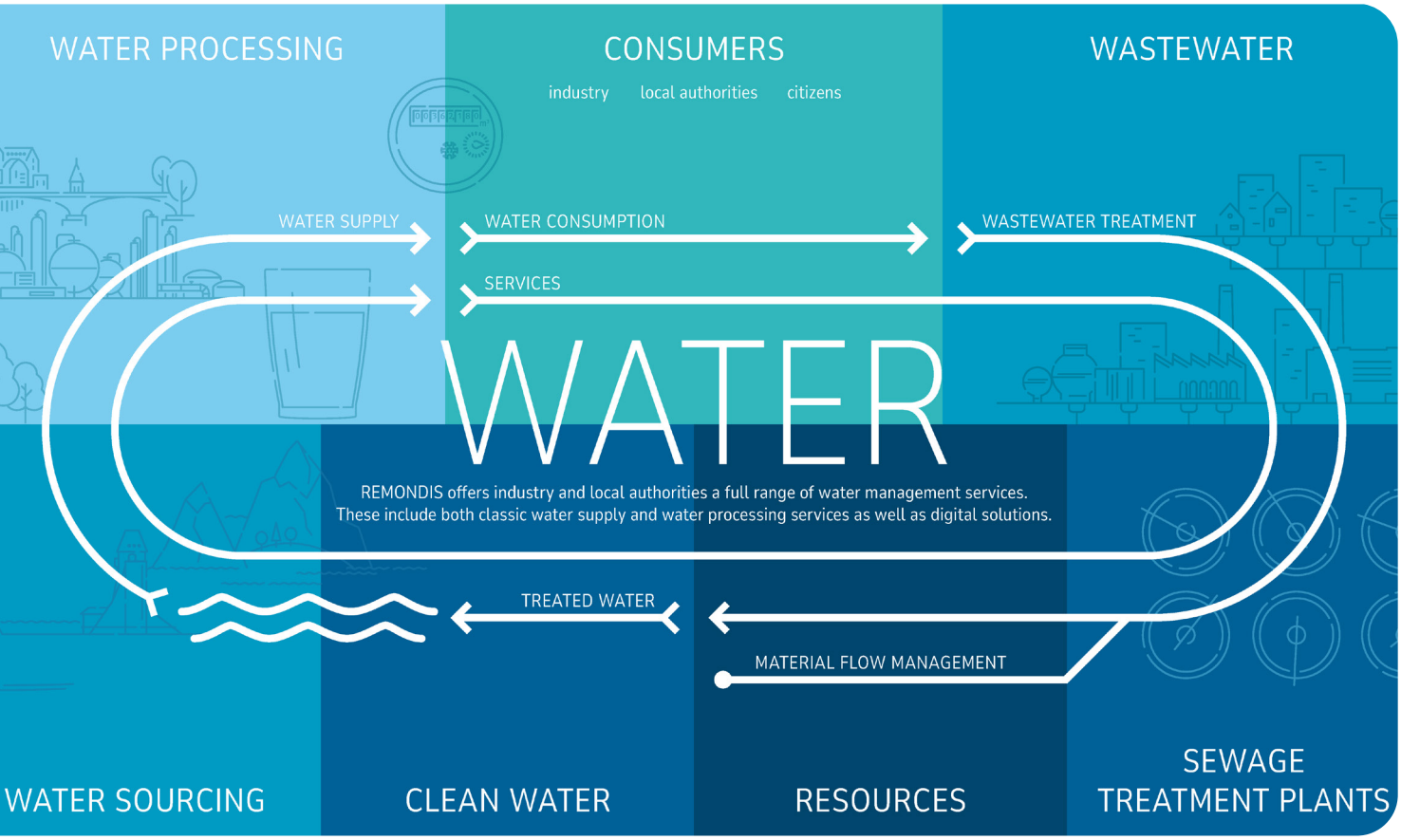
Selected references can be found on our website:

## ZLD for closed-loop process water systems

Zero Liquid Discharge (ZLD) solutions help the industry to operate closed water cycles. This is based on a cycle of water utilisation and treatment, which enables in-house water recycling. With ZLD, water is utilised in the production process, treated and recycled and made available for production again as purified process water. ZLD ensures the long-term competitiveness of industrial plants in countries with water shortages, such as India.

## Smart city and smart metering

The Internet of Things (IoT) is increasingly finding its way into municipal and industrial water management and offers completely new possibilities, for example in flood protection. Levels of rivers, canals and retention basins can be transmitted to flood management systems in real time using low-power sensors. This can improve the basis for decision-making regarding operational processes and safety measures. For example, by transferring them into intelligent models (keyword: digital twin). In addition, the data collected can be used to create hydraulic wastewater models that facilitate the planning of new systems or the maintenance of existing ones.




# Out of love for water – and good customer relations

REMONDIS Aqua is the company to contact within the international REMONDIS Group for all things water. With a strong sense of what our customers need and wish to have, our focus is on creating bespoke partnerships on equal terms. Thanks to our extensive know-how and wide range of technologies, we are able to cover all commercial and technological aspects of water management. Both Local authorities benefit from this expertise as does industry, with many companies being among our customers and partners.

REMONDIS®
WORKING FOR THE FUTURE

REMONDIS Aqua is part of the REMONDIS Group, one of the world's leading recycling, service and water companies. The company group has branches and shareholdings in over 30 countries in Europe, Asia and Australia. More than 40,000 employees work here for millions of citizens and many thousands of companies. At the highest level. Working for the future.

© 2026 REMONDIS Aqua GmbH & Co. KG
Images: REMONDIS, except for: page 1: 1299915 59_gettyimages; page 2: ©Hans Blossey

REMONDIS Aqua GmbH & Co. KG
Brunnenstr. 138 // 44536 Lünen
Germany
T +49 2306 106-8900
info@remondis-aqua.de
remondis-aqua.com