



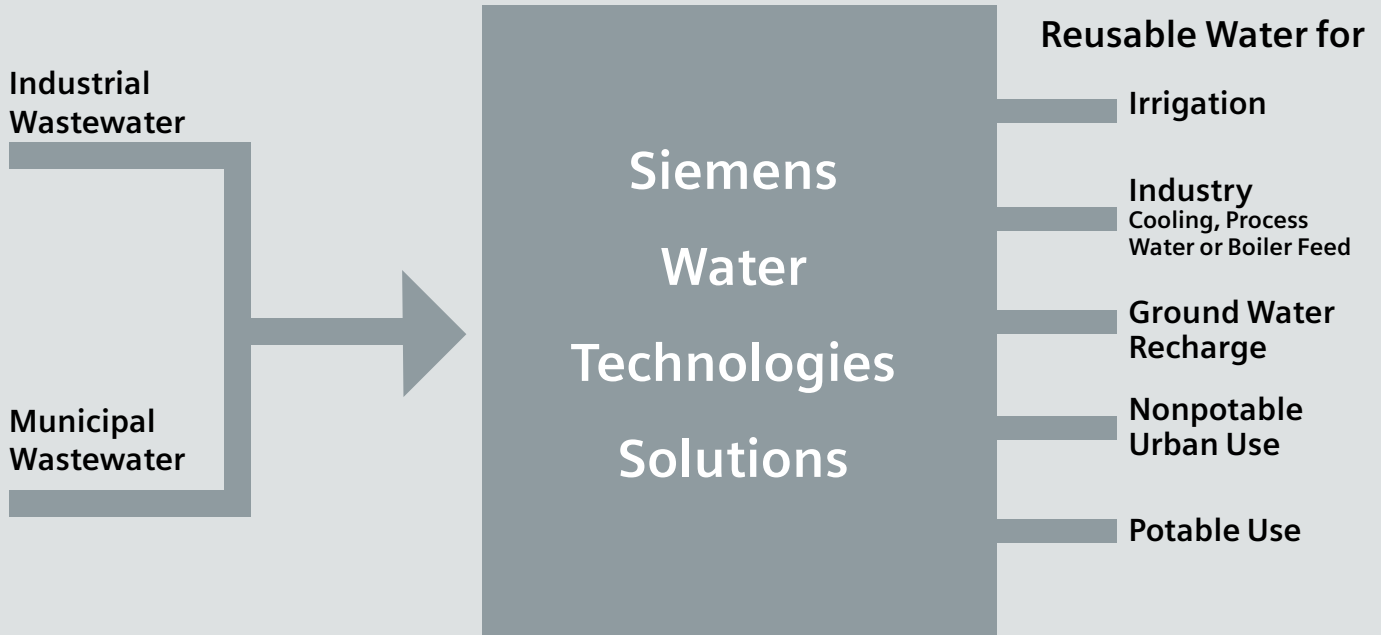
Water Reuse & Recycling Solutions

Water Technologies

SIEMENS



If your future depends on clean water, depend on the world leader



No matter how you look at it, water makes the world go round. From locally owned businesses to global manufacturers... municipalities to entire countries, the growing demand for clean water affects us all.

Whatever wastewater you begin with, for whatever reuse you have in mind, one resource meets your needs like no other – Siemens Water Technologies.

Unmatched application experience

With water reuse installations worldwide, we've faced the strictest government limits and met the tightest industry standards. Name your challenge, from the most contaminated effluent, to the purest end product. Chances are we've been there and done that. Once we thoroughly analyze your particular wastewater situation and desired water quality requirements, we can devise the solution that makes the most sense for your needs.

Greater solution depth and breadth

Our leading-edge technologies cover your every conceivable water management need. Our spectrum of solutions includes water treatment technologies from physical, chemical and biological treatment, to membrane filtration and deionization. We also can seamlessly integrate intelligent instrumentation,

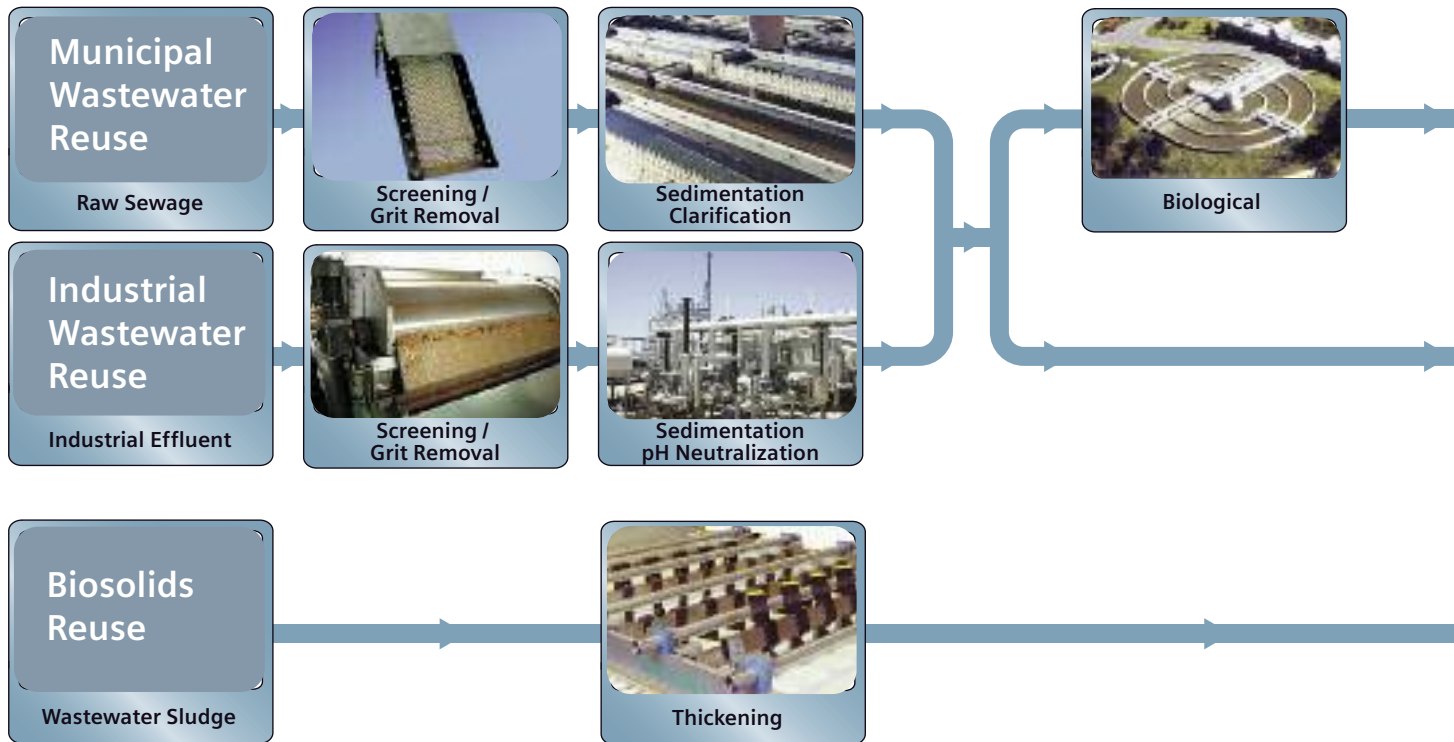
monitoring and IT technology with automation, communication and drive systems to optimize process efficiency as well as your lifetime operating costs.

Global coverage

Our more than 6,000 water professionals worldwide are your assurance that Siemens Water Technologies will deliver the right solution for your requirements locally. Factory-built module or intricate, multi-step process. A mobile water or wastewater treatment package. A new installation or retrofit. We can provide comprehensive support services ranging from initial planning, installation and pilot testing, to training and responsive in-field maintenance.

The way we see it, taking care of the world's water starts by taking care of you.

From the most basic disposal, to highly advanced reuse, we have a solution for you



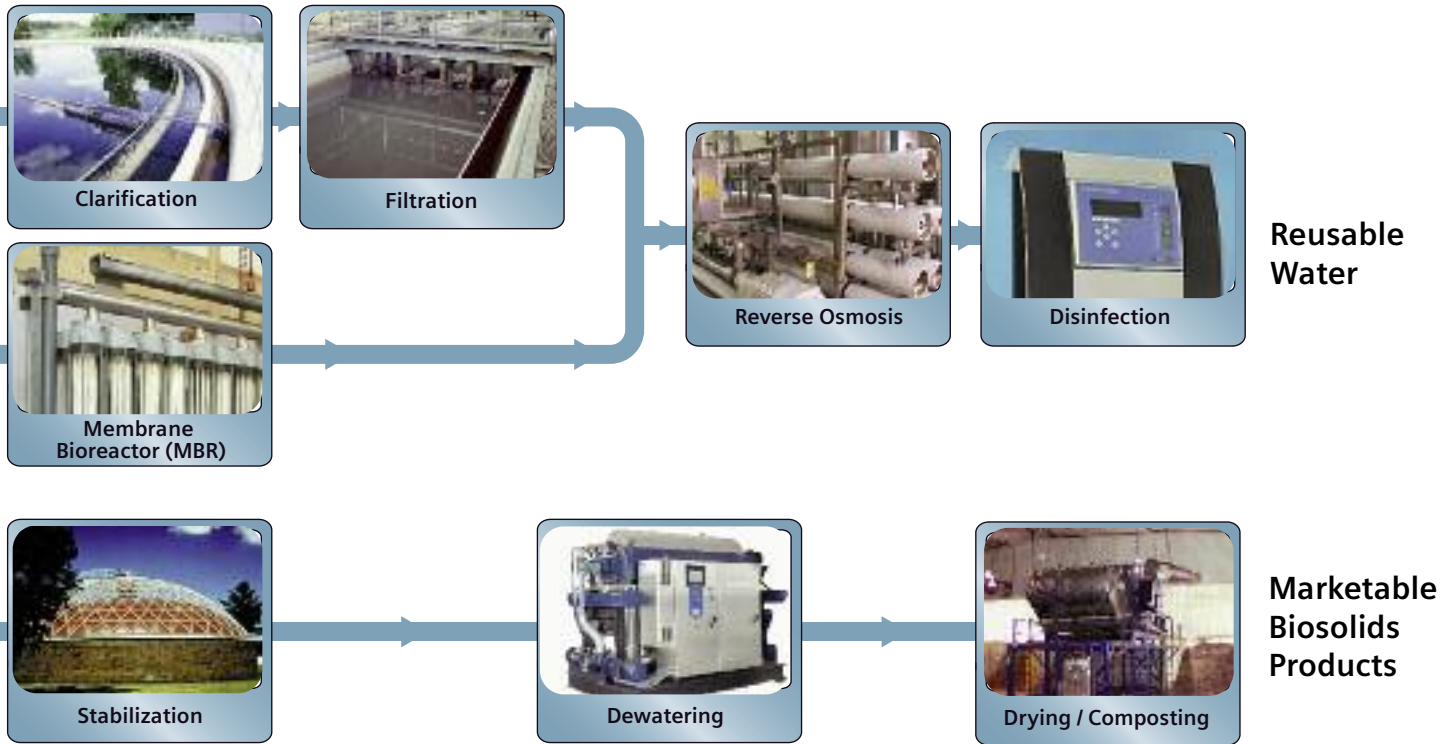
Siemens Water Technologies offers hundreds of different products, processes and services to address your water quality issues.

Optimizing your preliminary processes

We offer all types of screening devices, rectangular tanks or circular tanks for primary sedimentation in municipal applications, and oil water separation or pH neutralization for industrial applications. With a full array of technologies to choose from, we can offer the optimal preliminary process for your specific needs.

A full spectrum of biological treatment capabilities

Many of our solutions are exclusives that break down complex materials into simple, more stable and settleable substances. Options include the Rotating Biological Contactor (RBC), Cannibal® solids reduction process; Orbal® multichannel oxidation system; OMNIFLO® sequencing batch reactor (SBR), PACT® (powdered activated carbon treatment) systems and membrane biological reactor (MBR). These and other options enable us to achieve the quality standards required for both municipal and industrial applications.



Application driven clarification and tertiary treatment

Treated effluent can be recycled for cooling towers, boiler feedwater and reused in manufacturing. Our innovative water reclamation processes control costs by reducing the need for fresh water with leading edge designs to address everything from high flow requirements to space limitations.

Pure and ultra-pure technologies

When you need to meet the highest possible standards in water quality it makes sense to look to the company that is known for its own high standards in the products it offers. We can use the most advanced membrane filtration, reverse osmosis and UV processes available to help you meet the strictest water quality standards for the most demanding applications including potable water.

Biosolids reduction, processing and reuse

Solutions for handling, dewatering and processing offer beneficial reuse of residual solids. For example, the PEARTH™ gas mixing system with combined heater and heat exchanger aids in anaerobic digestion. The Dragon Dryer® Sludge Drying System, convective thermal dryers and in-vessel IPS Composting System produce marketable end products.

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Our advanced solutions are designed to help you achieve demanding quality levels and effectively maintain them over time.

Advanced technologies for today and tomorrow

The challenge of processing effluent for reuse to meet the world's increasing need for water never ends. We are helping meet the demand with a blend of R & D, proven technologies, innovation, and years of experience with the widest range of demanding applications.

The leading edge in energy conservation

Today, conserving energy goes hand-in-hand with water conservation. As we have developed new technologies and modified existing products over the years we have taken advantage of every opportunity to improve efficiency. A prime example is the VertiCel™ process that saves energy and space while producing desired effluent quality.



The leading edge in innovation

Siemens offers the largest range of products for water reuse and recycling in the industry. We persist in refining and reinventing these products to improve performance and continue to develop new products and technologies to help our customers meet increasing demands. Examples of our innovations include the unique Memcor® Membrane Biological Reactors (MBR), Rim-Flo® and Tow-Bro® clarifiers, Cannibal® solids reduction process, PACT® biological treatment system, high strength non-metallic loop chain for rectangular collectors and continuous electro-deionization (CEDI).

The benefits of single source responsibility

Siemens Water Technologies is more than an equipment provider. As your partner we offer the complete package of water reuse solutions – from design and installation to engineering, training, and financing. The result is a solution that guarantees value and water quality.

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