

Automated wastewater reuse systems

Spacedrip is an Estonian **tech company** with a vision for a healthy and sustainable use of Earth's most vital resource – **water**

Founded in 2020 – Spacedrip has developed systems that provide wastewater treatment and water reuse systems for **defence, emergency, industrial sectors, and off-grid and urban communities.**

Our goal is to build water resilience by decentralizing water management with onsite water reuse

The future is water reuse

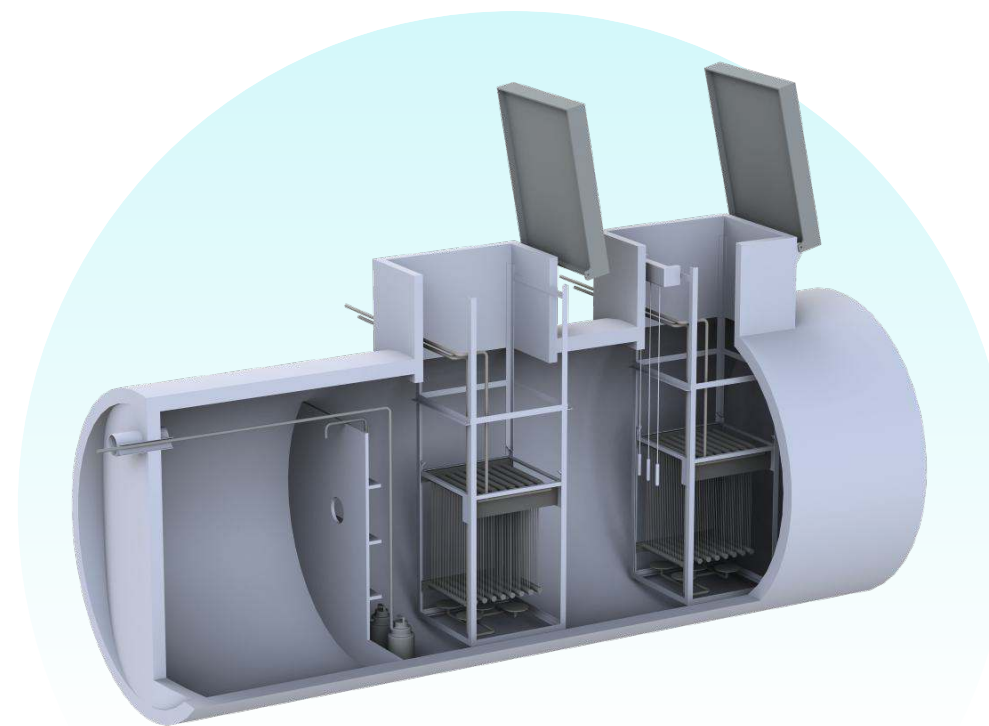


The product lineup of Spacedrip



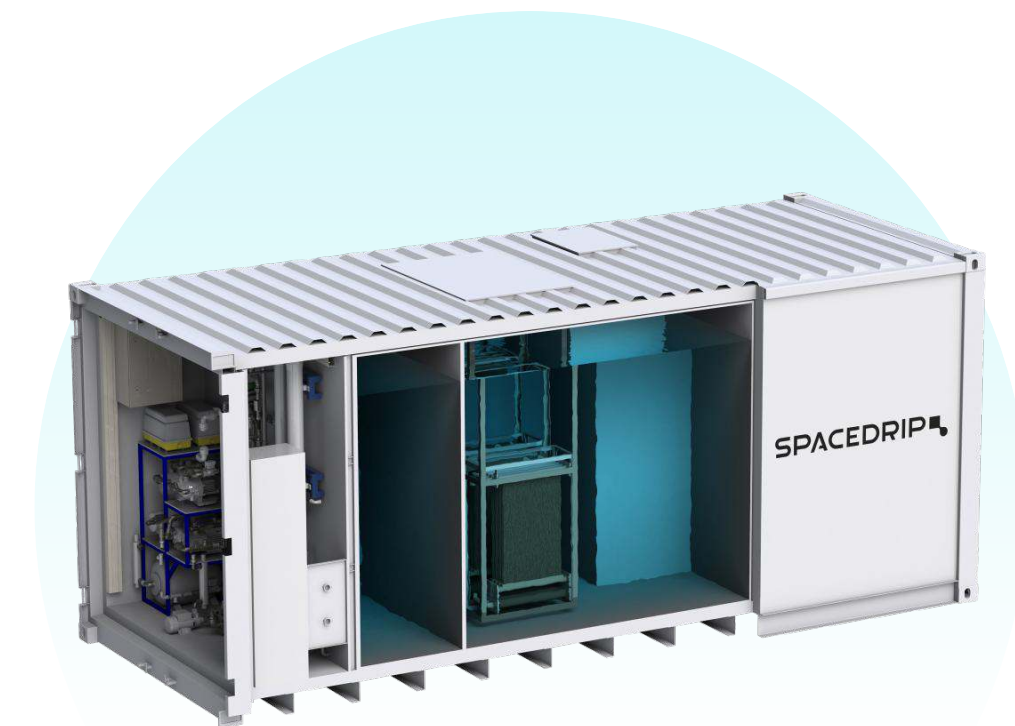
Rapid

Closed-loop fully-containerized water reuse systems for providing potable and non-potable water access.



Remote & Modular

Underground, in-building or containerized systems suitable for real estate developers or utility companies that need to provide water and sewer access in remote or water-stressed communities. Water reuse as non-potable or potable water.



Industry & special projects

Containerized and in-building systems for industries with non-toxic water-heavy processes with water reuse on non-potable or potable quality level.



Innovative Water Solutions

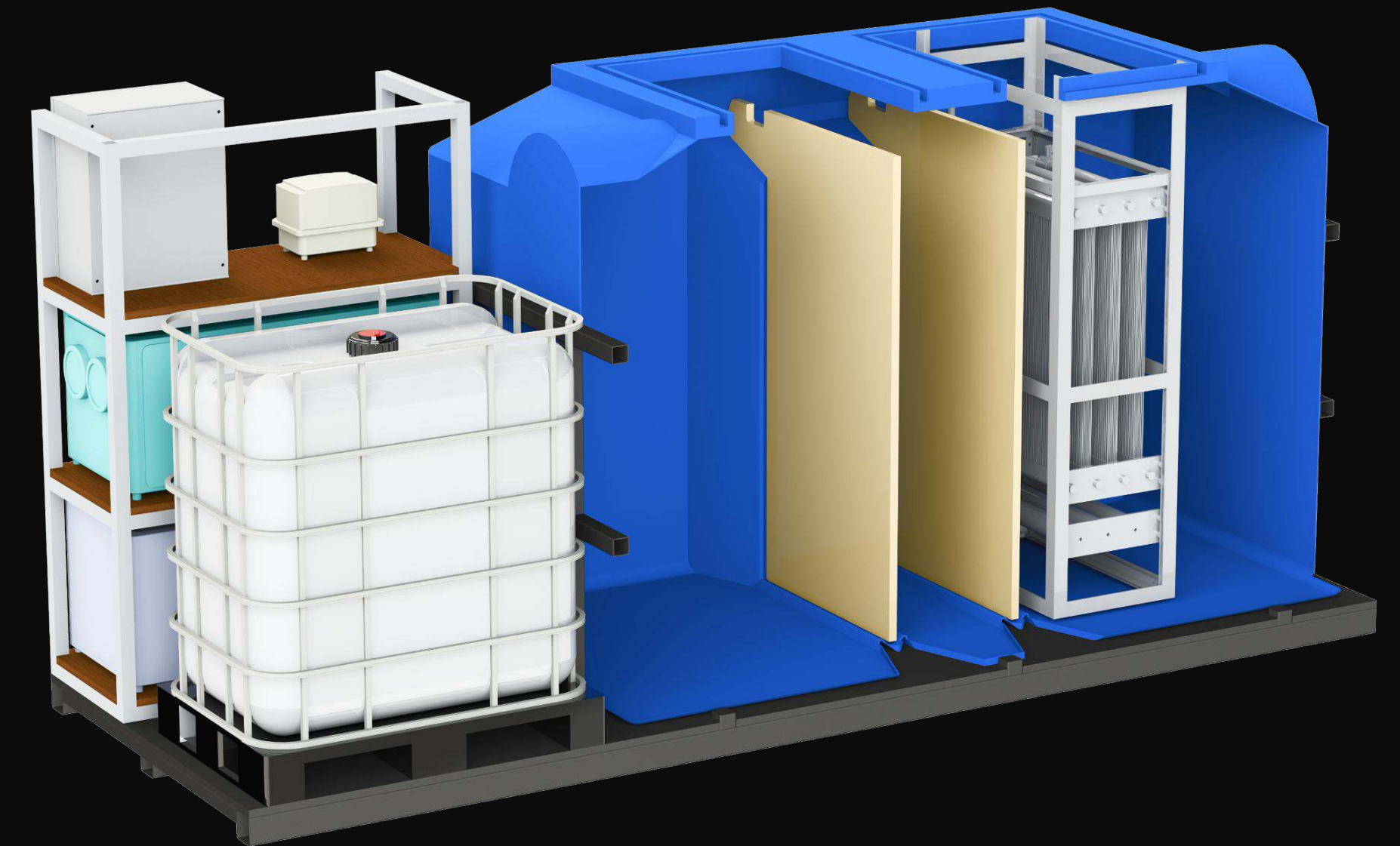
Shippable containers - a budget-friendly solution by minimizing civil engineering expenses associated with traditional construction methods.

Option to rent mobile containerized systems - flexibility to rent mobile containerized systems, providing a water treatment solution that meets specific needs without the commitment of ownership.

Plug & Play system - plug-and-play design ensures seamless installation and operation, minimizing disruption to existing infrastructure

Water as a Service - a unique subscription-based model, providing access to high-quality water treatment solutions without upfront investment

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Sustainability

Enables **eligibility for green certifications** like BREEAM/LEEDS (and others), for preferential terms and incentives for sustainable investments.

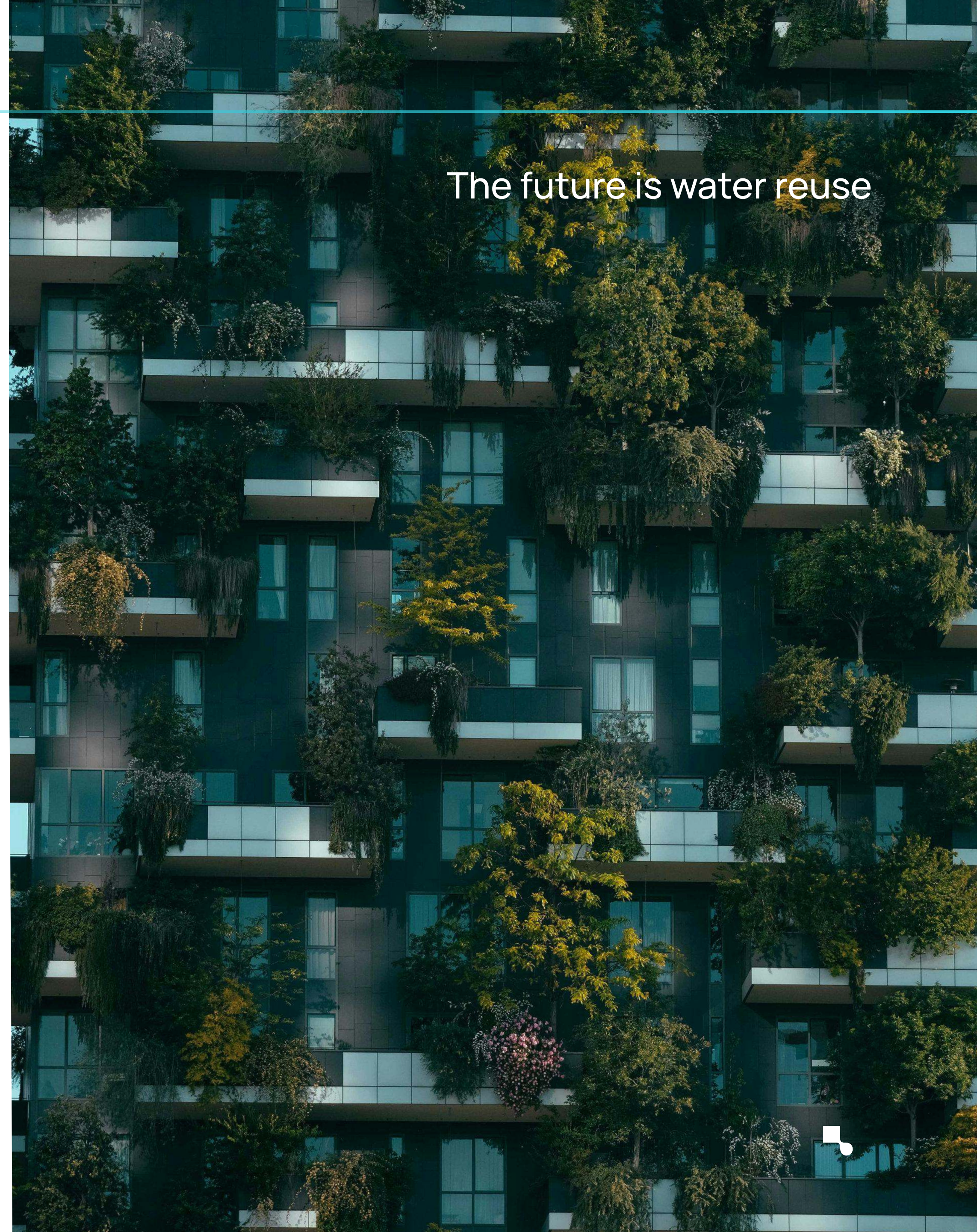
Energy-efficient systems with **up to 70% reduced power consumption**

Long-term cost savings through **low operational expenses** and reduced maintenance.

Eliminate financial risks such as fines, and penalties, through **reliable treatment performance** and adherence to **strict regulatory compliance**

Heat recovery technology for multi-storey buildings **reduces energy bills by up to 70%**

The future is water reuse



Technology

Improved wastewater treatment technology paired with advanced sensors, user-friendly software and **automation** for more efficient results.

Robotized treatment processes **reduce energy demand and maintenance needs by up to 70%** compared to traditional wastewater treatment plants.

Our core technology is **aerobic membrane bioreactor (MBR)**. Wastewater is treated with activated sludge, and water is filtered to solid-free permeate with microfiltration membranes with a pore size of 0.2 μm .

An additional automated **reverse osmosis module** with a disinfection module is used when treated water is reused for potable applications.

Technologies are fitted in on-ground or underground tanks and containers by Spacedrip or by Spacedrip's partners.

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Automation

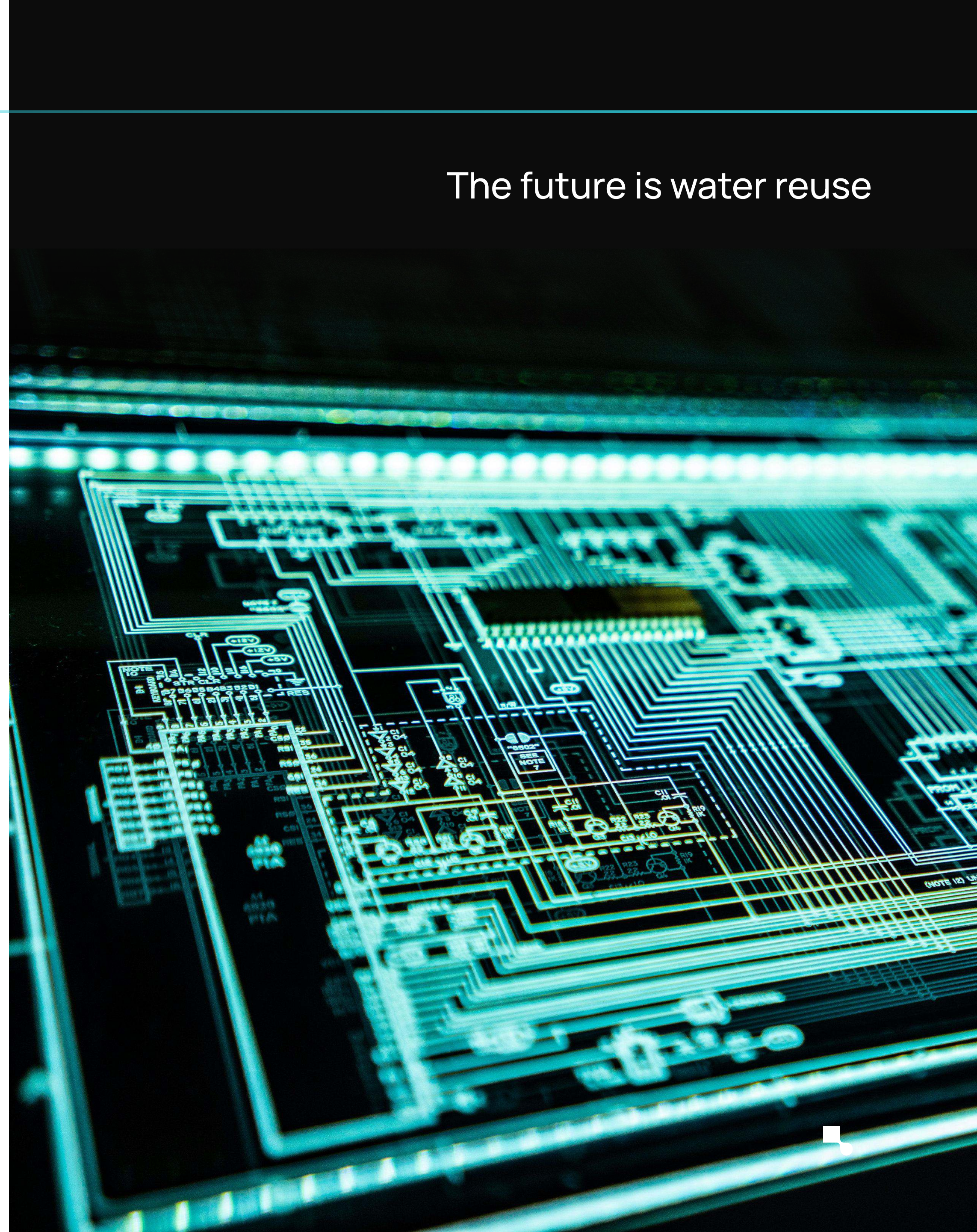
The future is water reuse

Biological processes such as activated sludge and membrane control, aeration and nitrogen removal are optimized for best performance.

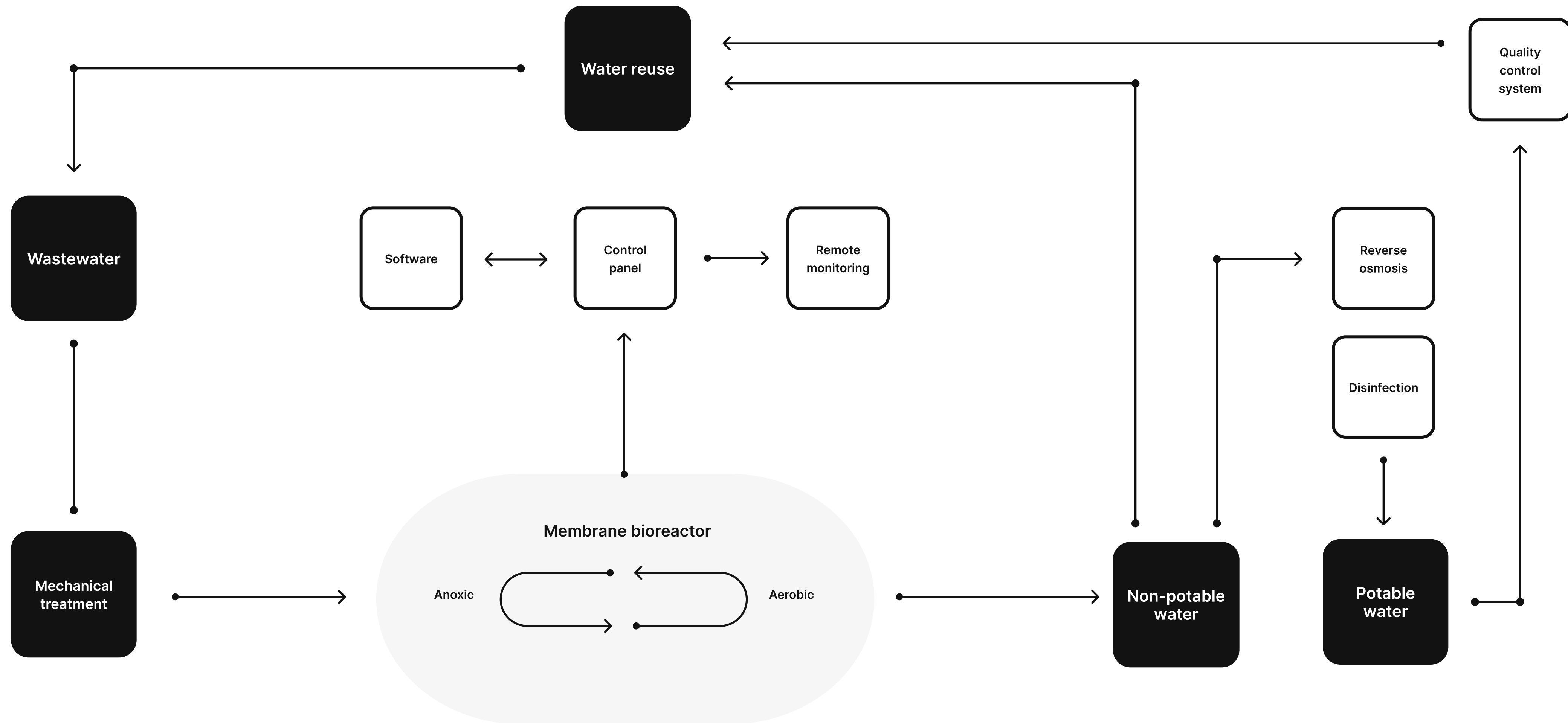
Automation extends equipment lifespan, reduces maintenance downtime and guarantees high water quality through **real-time monitoring**.

Immediate notifications for error alerts and maintenance enable **predictive maintenance**, avoiding long-term high costs.

The system adapts automatically to wastewater inflow fluctuations avoiding human intervention.



Technology



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