



It started at the edge of the world.

BOSAQ was born in Antarctica. Founder Jacob Bossaer spent five consecutive seasons as a water engineer at the Princess Elisabeth research station, one of the most remote and extreme environments on Earth.

He was there to build a water circulation system. Within weeks, it was running entirely on renewable energy. The realisation followed: if water can be managed sustainably in Antarctica, it can be done anywhere.

OUR VISION

A world where everyone has access to clean and safe water.

OUR MISSION

Develop and build innovative and productised solutions to secure process and drinking water worldwide in a circular and socially responsible way.

SOLUTIONS

Modular, plug & flow circular water systems. Simple to deploy, reliable by design & tailored to your context.



BEYOND BUSINESS

Water that changes lives.

10%

of BOSAQ's profits reinvested in communities without safe water access.



WaterHeroes

Our self-managed non-profit turns business success into clean drinking water for those who need it most but can't afford it.

→ beawaterhero.org



GET IN TOUCH

HEADQUARTERS

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Powering water autonomy



FOR INDUSTRIES
FOR COMMUNITIES
FOR A WATER-SECURE WORLD

1-THE CHALLENGES

A world running out of water.

Climate change, ageing infrastructure, and rising demand are pushing water systems to breaking point, fastest in the places least prepared to wait for solutions.

EVEN AT HOME

Flanders · 3rd most water-scarce region in the OECD

Belgium · 18th most water-stressed country in the world

0.23%

of all the freshwater on the planet is actually available for human use

80%

of wastewater flows back into the environment untreated, contaminating the sources we depend on.

2.1b

People worldwide still lack access to clean and safe water



3-FOR INDUSTRIES

Process water, secured.

Standalone circular water supply solutions for industrial sites seeking cost-efficient, sustainable water management.

- 💧 **Plug & flow:** fast deployment with minimal disruption to your operations.
- 💧 **More independence:** less reliance on freshwater supply and discharge infrastructure.
- 💧 **Lowest TCO:** minimal maintenance and lower operating costs.
- 💧 **Operational control:** fully autonomous with no chemical handling.



4-FOR COMMUNITIES

Drinking water, delivered.

Decentralised drinking water purification units for remote and challenging environments, built for safe access and long-term resilience.

- 💧 **Smart & autonomous:** IoT & AI enabled with 100% off-grid capability.
- 💧 **Robust source range:** river, sea, borehole, rainwater or used water.
- 💧 **Built to scale:** modular design for peri-urban & remote communities. Quick commissioning and scalable.
- 💧 **Community gains:** safe drinking water that supports local resilience.

5-OUR TECHNOLOGY

Technology behind the flow.

Q-Drop

Modular circular water technology for process water and drinking water applications, configured around the source, the site and the required output.

Lowest total cost of ownership through low energy use, minimal maintenance and productised design & deployment.

- ✓ AI and IoT enabled for autonomous, controlled operation.
- ✓ Modular design for easy upscaling, relocation and on- or off-grid use.

ElectroClean®

Patented technology that generates membrane cleaning and disinfection solutions on-site.

- ✓ No chemical handling, supply, transport or storage.
- ✓ Improved safety and simpler daily operation.
- ✓ Lower carbon footprint.

Three ways to partner.

Choose the model that fits your risk profile, timeline and goals.

OPTION 01 · RENTAL

Mobile or temporary solutions

OPTION 02 · LUMP SUM

One-time CAPEX investment

OPTION 03 · CIRCULAR WATER-AS-A-SERVICE

Outcome-based, performance-driven