



Self-sufficient revolutionary solution for sanitation

Modular package plants for urban water



Innovative
European
award winning
system.



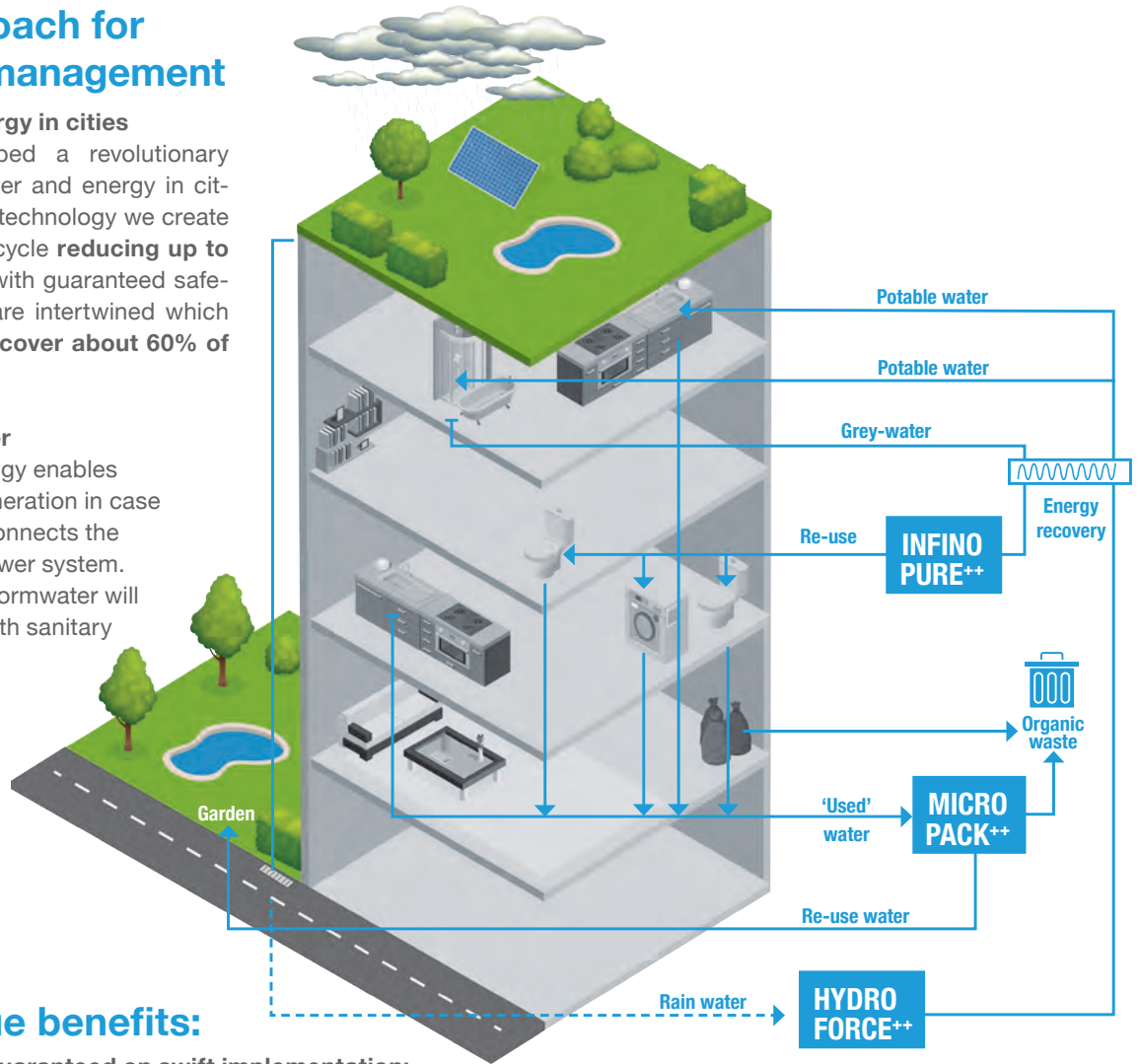
Holistic approach for urban water management

Saving water and energy in cities

PureBlue has developed a revolutionary concept for saving water and energy in cities. Thanks to our new technology we create an independent water cycle **reducing up to 80%** of the water use with guaranteed safety. Water and energy are intertwined which makes it possible to **recover about 60% of the available energy**.

Guaranteed safe water

The innovative technology enables self-sufficient water generation in case of emergency and disconnects the wastewater from the sewer system. In cases of flood, the stormwater will not be contaminated with sanitary water.



PureBlue benefits:



Safe water guaranteed on swift implementation:

Our modules can be easily installed and processed into the architecture, making sure the water matches all necessary (WHO) standards.



Quick return on investment:

Low operational cost and cost savings on water and energy result in a short payback period.



Operational simplicity:

Our user-friendly system is automatic and self-cleaning. Online data monitoring via our PureControl platform.

Applications:

All treatment options have a broad application range, from 200 to 10.000 person equivalents.

This is ideal for small buildings up to an entire neighborhood. The systems are easily integrated into buildings or placed outside in containerised systems.

Our systems are odour and noiseless to meet the needs of comfortable living.

HYDRO FORCE++

INFINO PURE++

MICRO PACK++

Our modules work stand-alone or work together:

Potable water production using HydroForce++ technology.

To ensure safe water at all times, rainwater is converted into water for showering and other hygienic purposes. We use oxidation and disinfection technology to create safe water independence.

Grey water re-use using InfinoPure++ technology.

Water coming from showers, laundry and cleaning purposes is collected and treated with a unique filtration system. This water is re-used for toilet flushing, urban agriculture, gardening purposes, green-blue roofs & walls and cleaning purposes. The grey water contains energy that is recovered to preheat the boiler feed water, to save 30% of heating energy. Using the InfinoPure++ up to 80% of total water bill can be reduced.

Wastewater treatment using MicroPack++ technology.

A disruptive technology that creates clean water and maintains the valuable resources in the water. In one step, the system separates and concentrates the new resources, directing them to the organic waste (which is picked up by the garbage trucks). Instead of investing money to convert the waste into CO₂, 60% of the energy-value is maintained, resulting in a short return on investment.



PureBlue guarantees safe water.



PureBlue's vision on Green Cities

In the cities of the future the needs will be different due to population growth and concentration in urban environments. By 2050, about 70% of the earth's population will be living in cities. It will significantly change many aspects of living like food transformation, waste and water production, energy and mobility. Water has a key role in the Green City as it interacts with all these aspects:



Safe water for healthy living



No sewer system anymore: prevention of disease spreading in case of flood



Urban agriculture: enabling safe water re-use



Smart traffic: waste collection connected to internet of things (IOT)



Climate change: water re-use and flood management by green-blue roofs

PureBlue's innovative technology creates a significant impact on the Green City concept, thanks to its holistic yet flexible approach.

Building Green Cities is easier when you have the right tools

Implementing a new concept can be very difficult as sewer and water systems are already implemented for ages. Also, infrastructural changes have to be made which have their costs and difficulties. Therefore, the modular and flexible approach of PureBlue's technology is one of the key features. Depending on the stage and possibilities, different modules can be selected.



This sustainable solution reduces your total environmental footprint

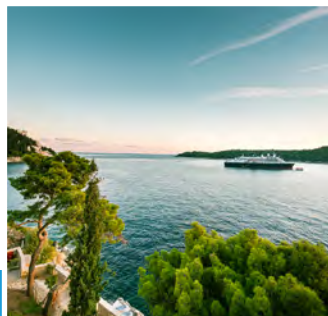


Up to 80% water saving and 60% energy savings due to technological advancement

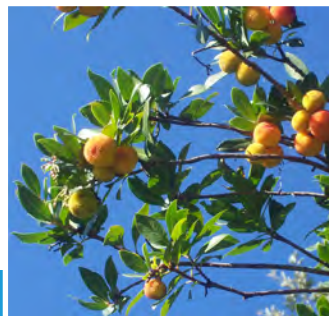


Healthy living makes you happier

water.
**let's talk about
the essentials.**



Maritime



Horticulture



Industry



Domestic

Returning water to its natural state

PureBlue Water is a company with a clear mission. For us, the customer and the environment are the key-focus. With our innovative solutions, we return water to its original state. Our solutions are developed to meet your requirements: lowest cost of ownership, safety, quality, automation and certainty.

Expertise and Innovation

PureBlue Water has its roots in industrial water treatment. We developed a wide range of technologies focusing on the production of reliable installations with operational simplicity. Presently PureBlue Water has established a new product line especially for the domestic sector, with the same core values. Our R&D department focuses on the development of innovative technologies, translating your needs into better products. Thanks to our broad knowledge and expertise, we can offer you the most suitable solution for your water problem.

Quality and safety

PureBlue Water is a certified organization according to ISO 9001: 2015 and VCA * 2008 / 5.1 quality marks. Quality and safety are interwoven in our business processes and activities. This is reflected in our products and services.

**Choosing PureBlue Water means opting for sustainability,
innovation, quality, safety and user friendliness.**

**Gentsevaart 21
4565 ER Kapellebrug
Netherlands**

**info@pureblue.nl
www.pureblue.nl
+31 (0)85 070 3190**