



PURE WATER BY ZÄHNEN

EFFICIENT
MODULAR
INTELLIGENT





Everyone has a right to clean water -
with the development of various solutions, we realise
this vision step by step.

The technology of the various Pure Water by zahnen processes
is installed in regular shipping containers.

This makes our basic design highly adaptable and easily
retrofitted to any wastewater treatment plant – plug & play.

The modular container-based solutions can be linked to the
Control Cloud by zahnen so that the data are always available
for online monitoring and evaluation.

YOUR BENEFITS AT A GLANCE



**Complete system
from a single source**



**Economical solution due
to low operational cost**



**High operational reliability
due to optimised and fully
automated processes**



**Proven and environmentally
friendly process**



Separate TSS removal possible



**Scientifically supported feasibility
study with pilot plant possible**



**Small and medium-sized wastewater treatment
plants: scalable mobile container solution**



**Larger wastewater treatment plants:
Scalable stand-alone solution with
modular Flexbed Filter downstream a
powdered activated carbon dosing**

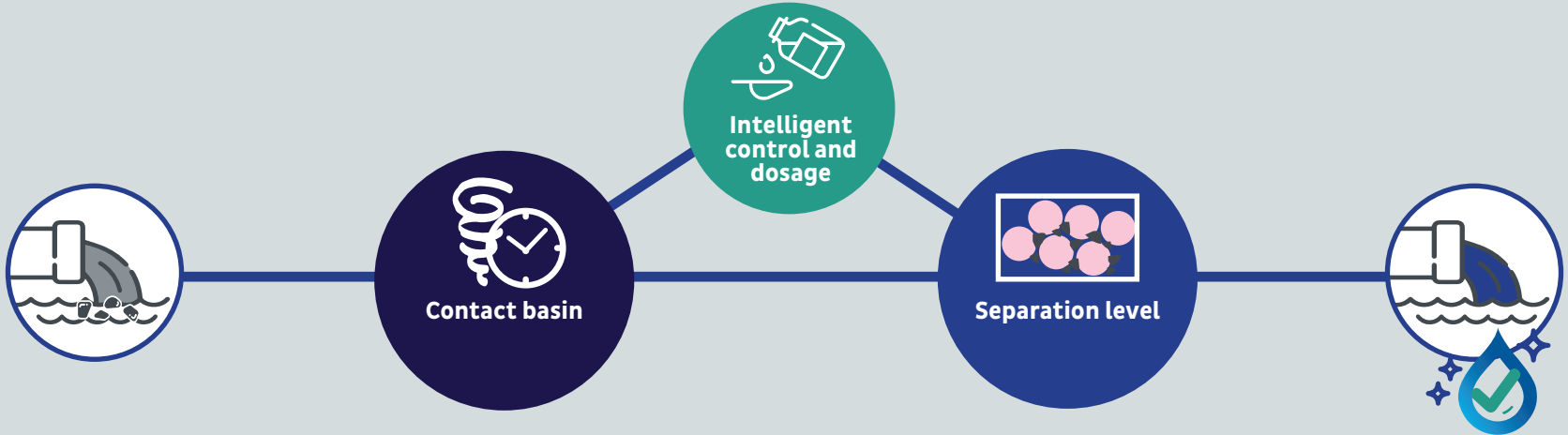


Integrated removal of TSS and phosphorus



Separate phosphorus removal possible

LIFE WITHOUT MICROPOLLUTANTS - HOW PURE WATER SE BY ZAHNEN WORKS!



DOSAGE

Powdered activated carbon is added precisely and efficiently.

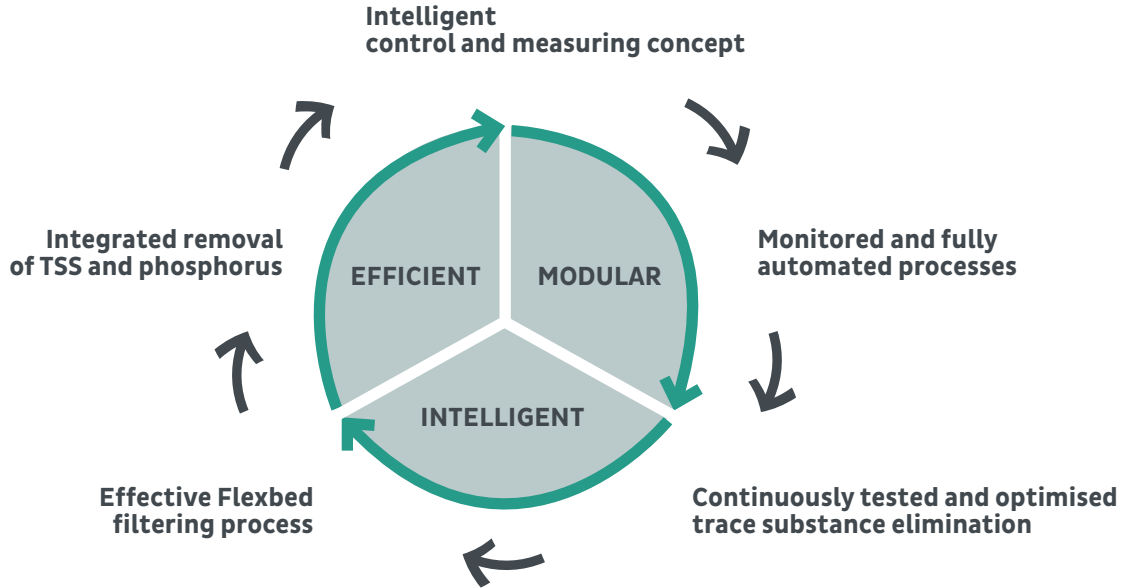
ADSORPTION

An optimised flow situation in the contact basin leads to the best possible removal of trace substances by the powdered activated carbon.

SEPARATION

Residue-free filtering of the powdered activated carbon due to state-of-the-art filter technology.

THE PERFECT CONCEPT FOR EVERY SIZE OF PLANT



BECAUSE EVERYONE HAS THE RIGHT TO HAVE CLEAN WATER!



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