

WATER

The natural resource



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BREMAG



Bremer Anlagen GmbH
is a small company, based
in the north of Germany

- main competence:
membran filtration
- Backwash water treatment:
Water Recycling, reuse
- Pool water treatment:
Ultrafiltration



WATER RECYCLING

at Aquashow Park

Reduction of costs

- for fresh water
- for waste water
- for heating

References:

- Aquashow Park,
Quarteira, Portugal
- Rulantica Europa Park
Rust, Germany
- Migros Group Zurich,
Switzerland
- approx. 100 public
swimming pools in
Germany



BREMAG plants for backwash water treatment are equipped with a process combination consisting of ultrafiltration and reverse osmosis, in accordance with the German standard.

Two-stage ultrafiltration is possible for brine.

Due to the hygienic treatment, up to 80 % of the backwash waste water can be returned to the pool water.

This saves water costs in addition to sewage fees.

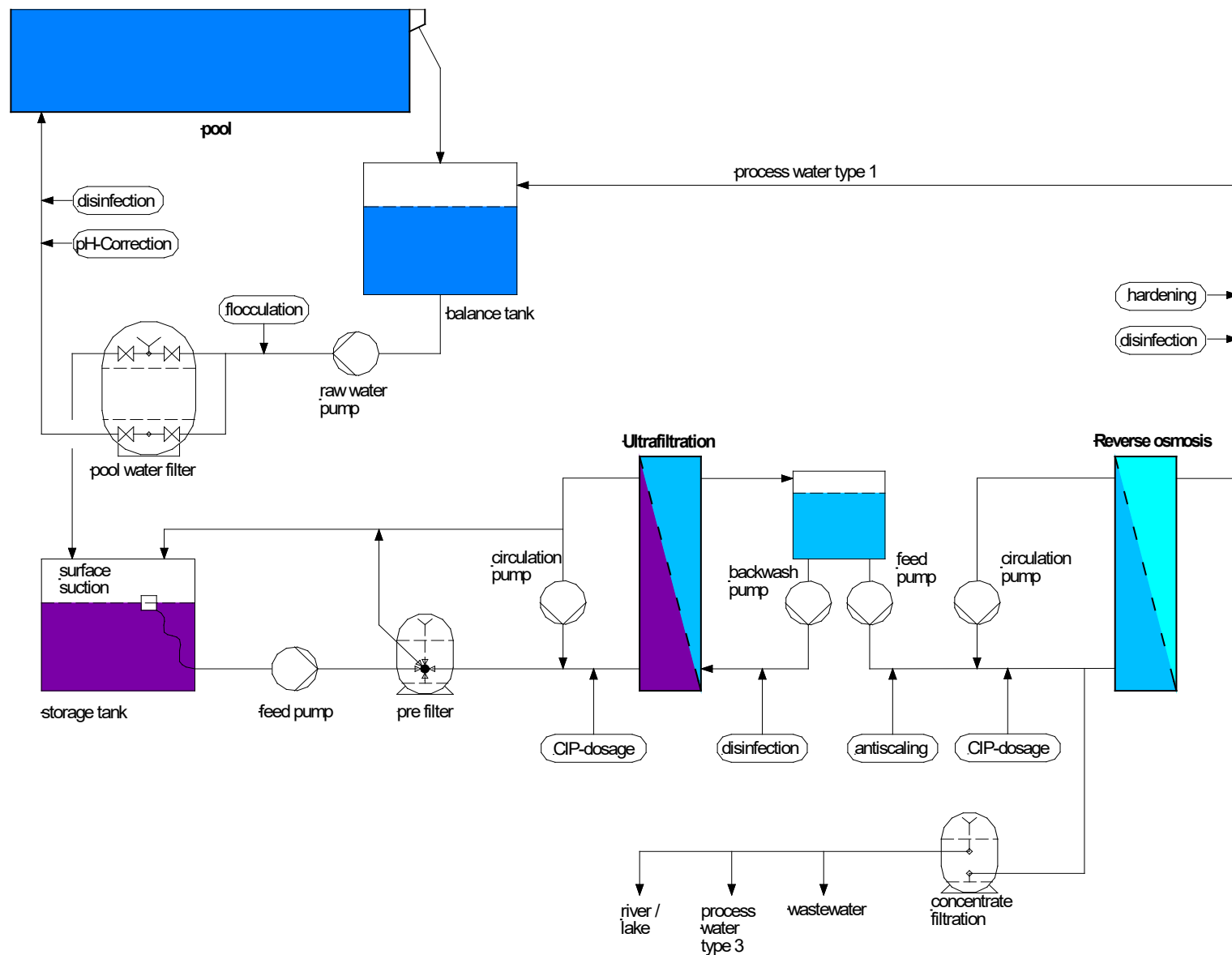
And it also reduces costs for heating and CO₂ emissions as a result of avoided energy that is also needed for heating water.

A fully-automatic treatment stage for chemical membrane cleaning ensures the plants' high operational reliability.

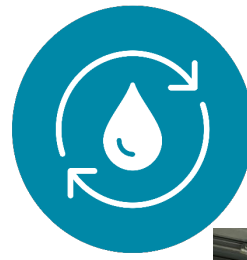


- compact
- reliable
- high-performance

FLOW SHEET



BREMAG



Now you may ask:

How can I integrate a BREMAG system as part of a modernization or new building?

Who knows about the conditions in Portugal?

Who is my central contact in Portugal?



- Piping integration
- Wiring integration
- supply

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GRUPO
rolear





Há coisas que não podem
parar
There are things that cannot stop

Water

Gas

Electricity

HVAC

Infrastructures
Civil Engineering

CCTV
Electronics
Lighting

Special
Projects

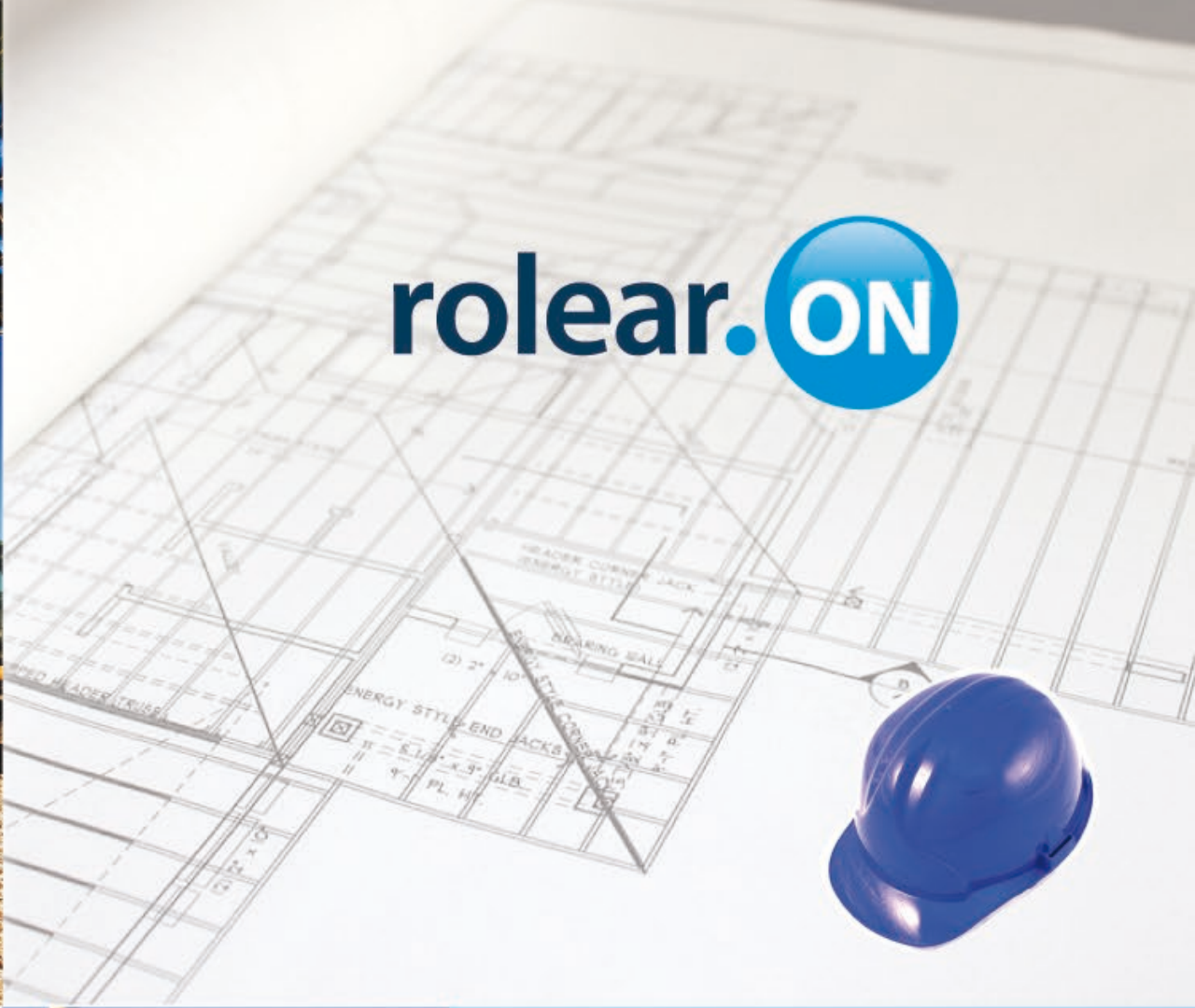
Special
Installations

Renewable
Energy

Engineering Solutions



rolear.**ON**



Construction



Infrastructures
Special Installations
Maintenance and Technical
Assistance

rolear.ON

AQUASHOW
INDOOR WATER PARK

BREMAG Water Treatment
System supplied and
installed by Rolear.ON





SPECIAL INSTALLATIONS WATER TREATMENT

AQUASHOW – INDOOR WATER PARK

BREMAG Water Treatment System supplied and installed by Rolear.ON

Water Reuse System

Technology provided by Bremag

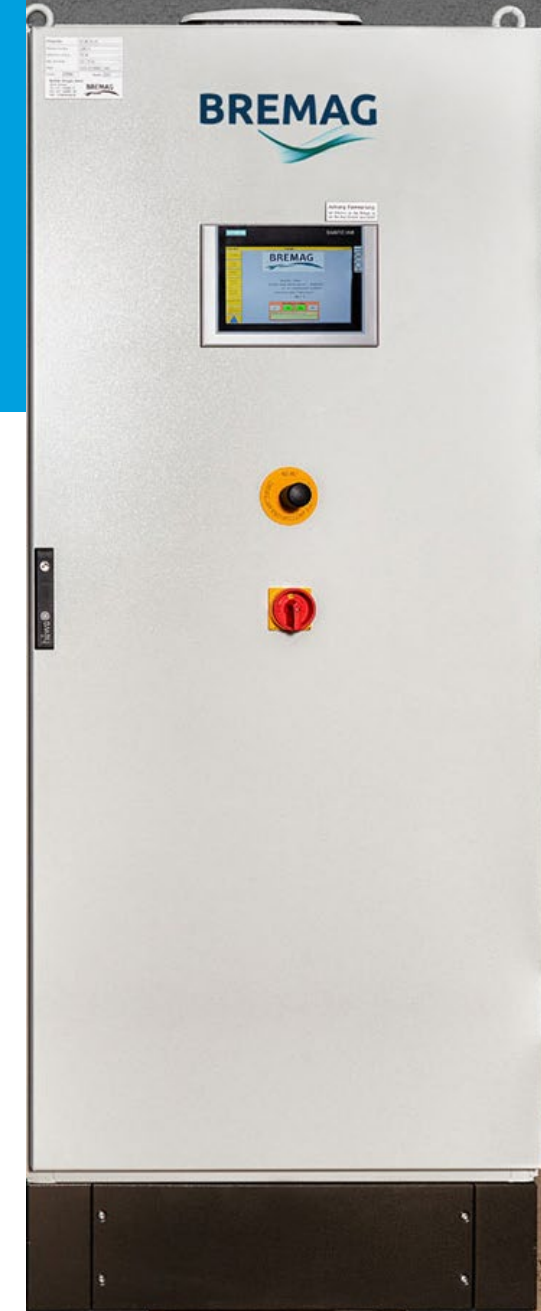
- Reuse of water from pool filter backwashing
- Annual savings of 10,000 m³ of water
- Estimated 75% reduction in total water consumption related to the process

Energy Consumption Optimization

- Reused water is reintroduced into the system with conserved temperature
- Avoids the need to reheat from 15 °C to 30 °C
- Reduces energy consumption and operational costs

Significant Environmental Contribution

- Prevents the emission of approximately 50 tonnes of carbon dioxide per year
- Reduces the ecological footprint of the infrastructure
- The initiative aligns with principles of energy efficiency and environmental sustainability





WATER RECYCLING REUSE



With a **BREMAG** system, you can create real added value from waste water.

BREMAG

A stylized graphic element consisting of three wavy lines in shades of blue and white, positioned below the company name.



THANKS

for your attention

BREMAG