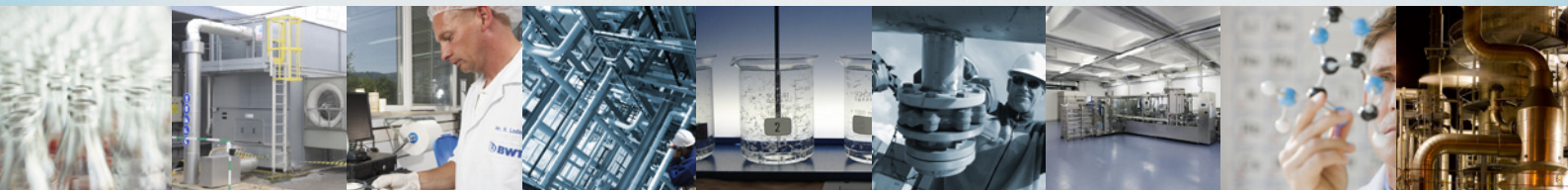


FORMULATIONS
FOR COMMERCIAL AND
INDUSTRIAL WATER CONDITIONING












BWT

THE BWT GROUP

For more than a century, BWT has been designing and installing equipment and chemicals for water treatment at the point of use. This recognised experience which has been gained over a long period of time enables us to develop solutions that are increasingly safe, clean, effective and profitable to meet the requirements of our customers.

The BWT Group, now the European leader in water treatment, delivers a complete range of chemicals and their associated equipment and services for :

-  *Drinking water*
-  *Cleaning treatments*
-  *Chilled closed loops and heating systems*
-  *Steam and heat production*
-  *Cooling systems*
-  *Waste water*
-  *Industrial process*

BWT : expertise in the manufacturing, distribution, implementation and monitoring of chemicals for industrial and commercial water conditioning.

Our products are manufactured at the group's three European plants, and are distributed by our seventy subsidiaries and holdings around the world, especially in Europe.

Each subsidiary has its own warehouse to enable it to be closer to its customers.



A unique, entirely integrated chain of skills.

In addition to its in-house expertise in product formulation, BWT also designs, manufactures, distributes, installs, commissions and maintains a complete range of standard or customized water treatment systems.

Both specialist in equipment and chemicals, BWT is a unique player in the water treatment market, able to offer the most comprehensive solution to your water problems.



Men and Women in BWT

BWT's strength is based as much on the high quality and availability of its staff as it is on its high profile, consistent presence in its markets. All over Europe, its specialists work on-site with their customers, guiding them in the choice of the best technical and cost-effective solution, as well as its implementation and monitoring over time.



Antifreezing products

- Supply of technical or sanitary antifreezing products.
- Complete formulations which also protect from corrosion and scaling.
- Cleaning program for removing old glycols.

Cooling systems

- Control of corrosion, scaling and bacteriological developments, especially legionella.
- Complete water treatment programs for reducing water consumption.
- Cleaning program: deoxidation, passivation, descaling, disinfection.
- Innovative disinfection treatments.

Raw Water

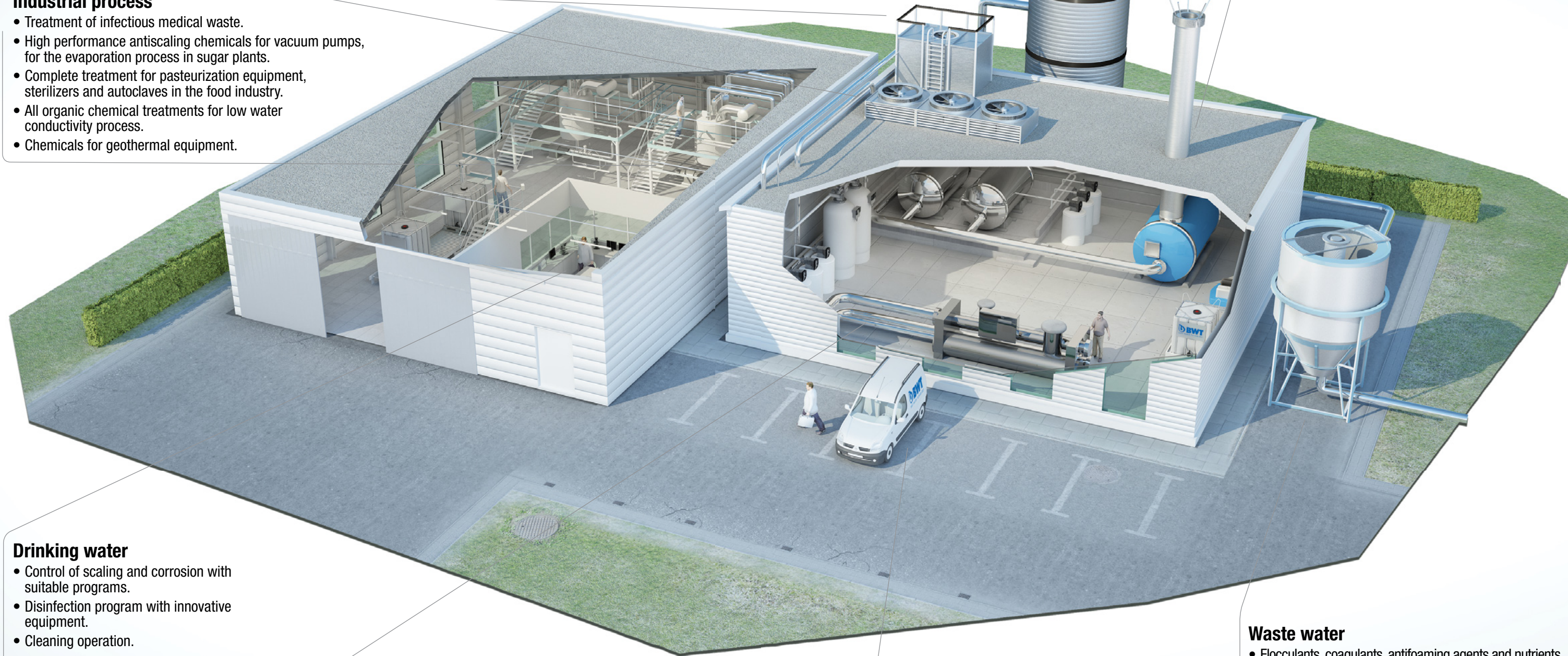
- Control of corrosion and scaling.
- Disinfection treatment with on-site generator (chlorine dioxide, electrolysis, Ozone, UV...).
- Flocculation and coagulation for removing suspending matters.
- Metallic salts removers e.g. iron, manganese....

Steam production - Low, Medium and High pressure

- Organic or mineral oxygen scavengers.
- Dispersing, alkalizing and phosphating treatments.
- Condensates treatment.
- Sanitary products with FDA and local certifications.
- Special programs for high pressure steam systems with turbines.

Industrial process

- Treatment of infectious medical waste.
- High performance antiscaling chemicals for vacuum pumps, for the evaporation process in sugar plants.
- Complete treatment for pasteurization equipment, sterilizers and autoclaves in the food industry.
- All organic chemical treatments for low water conductivity process.
- Chemicals for geothermal equipment.



Drinking water

- Control of scaling and corrosion with suitable programs.
- Disinfection program with innovative equipment.
- Cleaning operation.

Chilled closed loops and heating systems

- Innovative treatment for circuits containing aluminium.
- Dispersing and anticorrosion chemicals for all kinds of metals.
- Green chemicals.
- Desludging, degreasing and deoxidising chemicals.

Analytical Equipments and Reagents

- On-site analysers.
- Mobile and portable analytical equipment.
- Analytical reagent for most of the physical and chemical parameters measured in water treatment.
- Consulting and training.

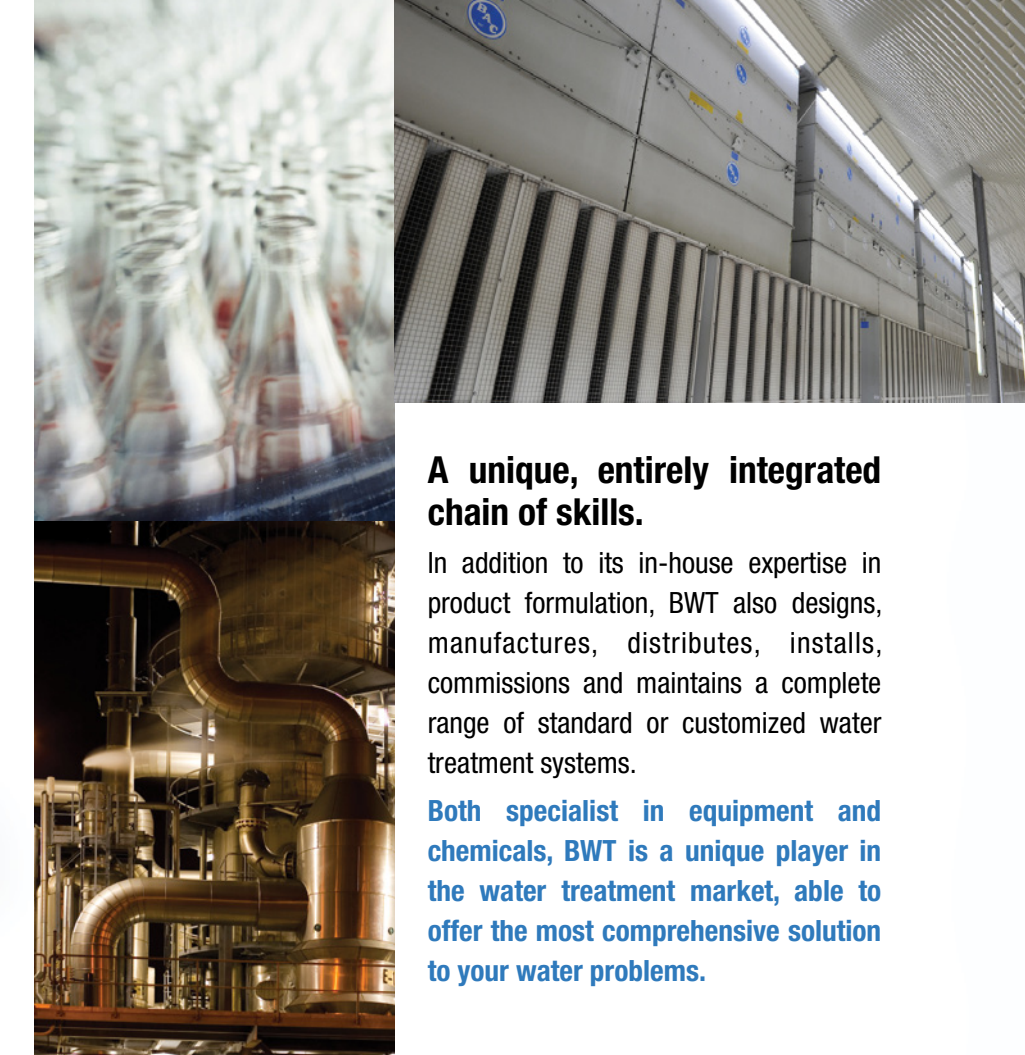
Waste water

- Flocculants, coagulants, antifoaming agents and nutrients.
- Capture of suspended matter and colloids.
- COD reduction.
- Reduction of nitrogen and phosphorous pollutions and other industrial sub-product pollutions.
- Sludge dewatering chemicals.
- Detox treatment (heavy metals, fluoride removal...).
- Innovative chemicals with a very low environmental impact.

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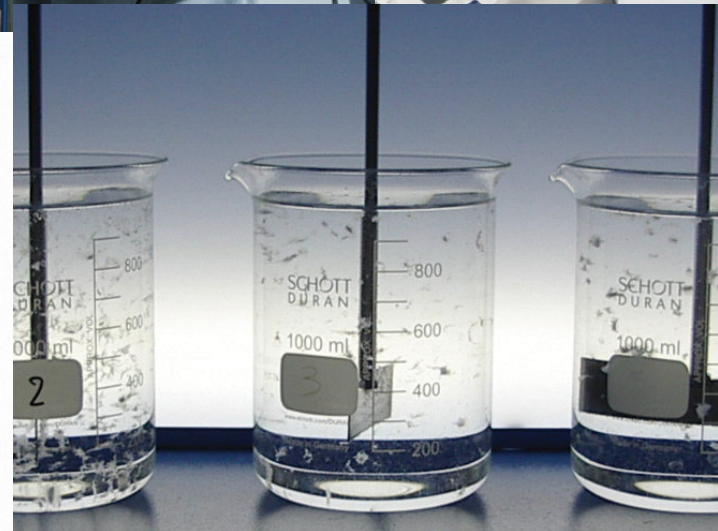
THE SERVICE

Associated equipment

- Equipment for water treatment control enables remote monitoring and integration into existing IT systems.
- Dosing systems, internal flow meters, storage tanks and safety trays.
- Photometric, amperometric or Redox regulation devices.
- Analytical equipment and associated reagents.
- Optimised waste management: small Bag-In-Box conditioning and in situ tank systems for unloading volumes exceeding 250 litres.
- Patented control centre for the regulation and optimisation of steam production treatments.

Central technical support

- Design office and project managers for the definition and implementation of complex systems combining several different specialities (plumbing, electricity, etc.). Provision of installation drawings, P&ID, qualification, etc.
- Dedicated Quality, Safety and Environmental department: product certifications, REACH compliance, Biocide Directive, labelling regulations and regulations monitoring.
- Provision of dedicated product stocks.
- Definition of treatment strategies based on current regulations and standards, good practice guides and market feedback.
- Central Laboratory support:
 - Audits, industrial and laboratory trials.
 - Plasma torch.
 - Scale analysis.
 - Resin analysis.
 - Video endoscopy.
 - Continuous low range analysis.

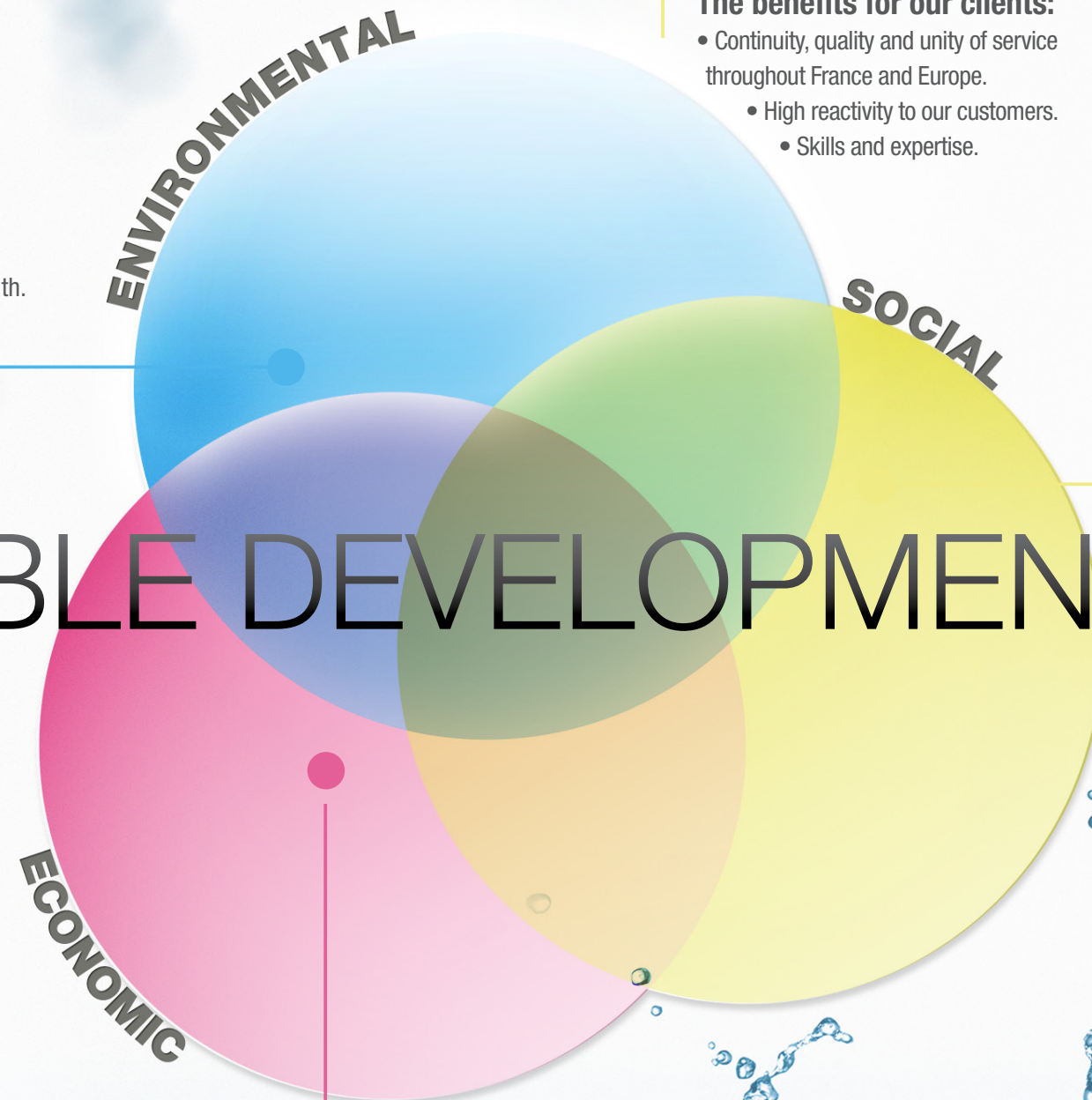


Field support

- Personalised management of client projects coordinated by regional branch offices (invoicing, orders, deliveries, administrative duties, quotations, scheduling, requests for on-site assistance etc.).
- Laboratory field support
 - Multiparameter spectrophotometers.
 - Refractometer.
 - Corrat system.
- In situ monitoring of water quality: low range analysers, video endoscopy, on-line recorders.
- Bacterial monitoring by ATP measurement.
- Monitoring of corrosion rates by corrosion probes and/or Corrat systems.
- Training in product techniques, analysis, operation of water treatment systems, chemicals, etc.
- Annual technical/cost reports and improvement plans.
- On-site visits for analytical & diagnostic monitoring, recommendations and advice.
- Commissioning, trouble-shooting, spare parts and maintenance contracts.
- Drafting of intervention procedures, prevention plans, operating manuals and monitoring log books.



SUSTAINABLE DEVELOPMENT



The BWT Group's environmental contribution:

- Eco-design approach to our products including packaging, consumption and the reduction of chemicals.
- Digitalisation of media such as CRM systems, computerised reports and Internet sites dedicated to each customer.
- Compliance with REACH, BDP, CLP and other European or local regulations in force.
- Emphasis on innovative technologies: ECO-MX, ULTRASONIC, ECOVAP patented process, ARES, AQATherm.

The benefits for our clients:

- Support for your sustained development policy.
- Reduction of your impact on the environment.
- Guarantee that current standards and regulations will be complied with.
- Savings in water, energy and product consumption.

The BWT Group's social contribution:

- On-going BWT staff training.
- Collective participation.
- A very strong local presence.
- Management of Health and Safety at Work (ex : OHSAS 18001).
- Internal staff mobility.
- Respect of a voluntary code of conduct.
- Local and customised contract management.

The benefits for our clients:

- Continuity, quality and unity of service throughout France and Europe.
- High reactivity to our customers.
- Skills and expertise.

The BWT Group's financial contribution:

- Financial security.
- In-depth knowledge of our products from design to commissioning.
- Integrated production sites for our range of chemicals.
- Long-term contract agreements with our raw material suppliers.
- Local stock, risk management and quality control policy.
- Fair prices.

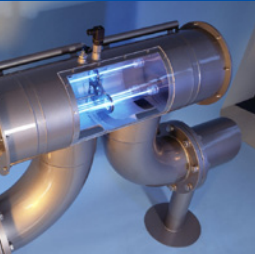
The benefits for our clients:

- Very low risk of out-of-stock situations.
- Top quality products.
- Short delivery times.
- Competitive prices offering you considerable economic profitability whilst maintaining installations in good order.

BWT INNOVATIONS

BWT BIOSTIL

UV generator providing a disinfecting solution for make-up water or within recirculation loops. Used as an alternative or in addition to standard biocidal treatment.



BWT Reverse Osmosis System

Turnkey and ready to use, our RO systems are entirely designed and manufactured by BWT and allow you to achieve considerable savings in terms of water and energy consumption for systems requiring huge amounts of feed water for steam boilers, cooling towers.



ECO-MX generator

Powerful oxidizing solution on-site generator. Innovative and eco-friendly process to produce in-situ and on-demand highly effective disinfectant solution for cooling systems and other applications. ECO MX operates using only salt, water and electricity.



ARES control box

Provides on-line and real-time monitoring of the entire water treatment in cooling systems. Adjusts and optimizes the dosing of chemicals. Less maintenance cost for better effectiveness. Remote control and data management.



ULTRASONIC generators

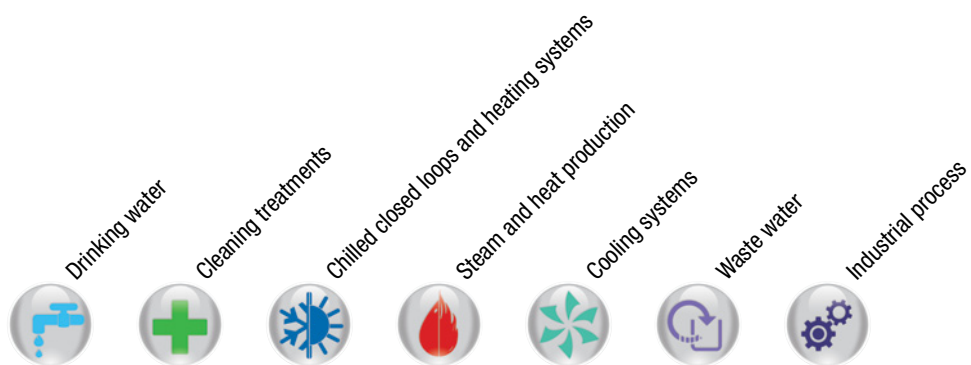
Multi-frequency ultrasonic generators, an eco-friendly solution to prevent bacteria and algae proliferation with no chemicals requirement.



BWT SYSE system

Bulk for chemicals to get rid of one-way packaging and remove manual handling.





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