



# Water solutions for the Food and Beverage industry

**WATER TECHNOLOGIES**

# Water and Wastewater Treatment Specialist for the Food and Beverage industry

Veolia Water Technologies is the world leader in water services and a global partner of choice. With more than 1,200 Food & Beverage references worldwide, Veolia's customer realizes cost savings and sustainability goals. Our all-encompassing range of solutions and technologies is dedicated towards increasing the value of water and wastewater resources.

Combined with local presence and a worldwide network of experts, we ensure our clients the best possible solutions to supply high quality water, treat or reuse wastewater, produce or recover energy, extract raw materials and capitalize on valuable by-products.

## Meeting your needs

Veolia Water Technologies understands the specific needs of the Food & Beverage industry and helps its clients reach their goals by providing innovative water treatment solutions in line with the highest quality standards:

- **Water treatment technologies** compliant with the most stringent disinfection and purification specifications ensure the production of safe water
- **Management of health risks** and prevention of Legionella through our preventive solutions and complete treatment programs secure water treatment plants and cooling towers

## We know water for the Food & Beverage industry

### Process Water

- Hygienic solutions
- Media filtration
- Membrane filtration
- Physico-chemical
- Softening
- UV Disinfection

### Recycle & Recover

- Bio/media filtration
- Membrane filtration
- Disinfection
- Phosphorous removal
- Bioplastic

### Wastewater

- Anaerobic digestion
- Biological treatments
- Filtration
- Flotation

### Sludge

- Stabilization & sanitization
- Thermal hydrolysis & drying
- Hydrothermal oxidation
- Incineration
- Odor removal

## Innovative, sustainable and proven solutions



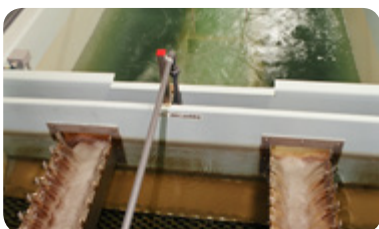
Soft Drinks, UAE  
Total Water Management



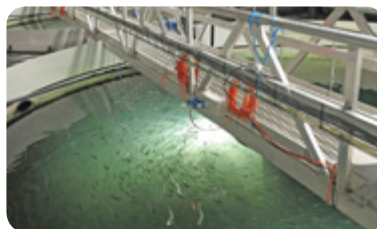
Brewery, USA  
Biothane Biobed® Advanced EGSB



Distillery, Puerto Rico  
Biothane Biobed® Advanced UASB



Yeast Production, Canada  
Actiflo® high-rate clarifier



Aquaculture, Norway  
Hydrotech Drumfilters combined with  
AnoxKaldnes™ MBBR



Dairy Plant, USA  
AnoxKaldnes™ MBBR

## Our solutions: a portfolio of proven technologies



### Ultra-filtration

- Compact skid-mounted systems
- To remove suspended solids, most bacteria and 4-log viruses.



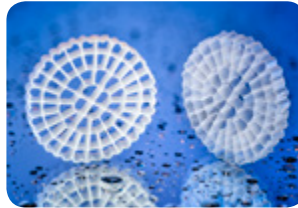
### Dissolved Air Flotator

- Compact, efficient separation
- To remove fat, oil, grease and suspended particles



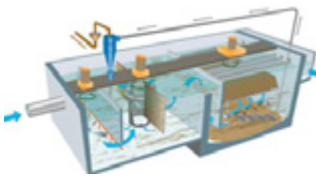
### Reverse Osmosis

- Modular, flexible design
- To treat highly turbid water



### AnoxKaldnes™ MBBR

- High tolerance to load variations and toxics
- More than 600 references worldwide



### Actiflo® High-rate clarifier or softener

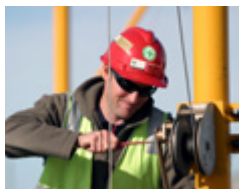
- Most compact footprint on the market
- More than 830 references worldwide



### Biothane® Anaerobic Treatment Membrane BioReactor (AnMBR)

- Minimize waste streams and biosolids disposal costs
- To convert complex, high-strength effluents into sustainable energy

## Reliable services



Technical audits



Lab and bench-scale tests



Pilot tests



Aquamove™ rental of water solutions



Hydrex® water treatment chemicals



Service contracts

## Sustainability Management



As part of Veolia, the world's largest environmental company, we understand the importance of our social responsibility to protect the resources of our planet for future generations.

Decision-making tools for Sustainability:

- **Total Carbon Cost Analysis:** Quantifying the CO<sub>2</sub> emissions of our solutions and technologies in order to optimize processes and reduce costs

- **Water Impact Index (WIIX):** Quantifying water footprint by incorporating additional factors like resource stress and water quality

# Resourcing the world

## **Veolia Water Technologies**

Aqua House, 2620 Kings Court, Birmingham Business Park, B37 7YE  
tel. 0203 567 7400 - [vwsenquiries@veolia.com](mailto:vwsenquiries@veolia.com)

[www.veoliawatertechnologies.co.uk](http://www.veoliawatertechnologies.co.uk)