



THE ECO-FRIENDLY  
**SOLUTION**  
FOR **LIMESCALE,**  
**CORROSION AND BIOFILM**



## LIME

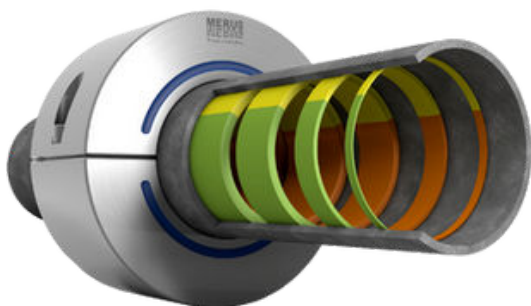
Lime and other salts are almost standard in dissolved form in water and deposit on surfaces. The Merus water treatment technology disrupts the formation of limescale, so that limescale has less chance to adhere to surfaces.

## CORROSION

Corrosion is an unwanted reaction between materials and substances in their environment and is given the opportunity to develop due to stagnant water or unsaturated water. The Merus water treatment can change the corrosion behavior of iron in aqueous solutions. Rust particles are loosened and washed away to form a protective film of the more saturated iron oxide on the surface.

## BIOLOGY

Biofilm is often accompanied by problems such as algae, barnacles, bacteria and other microbiological growth deposits in water pipes and equipment. Microorganisms create what is known as biofilm here. The Merus water treatment largely removes these microorganisms from the living environment.



# THE PERFECT SOLUTION FOR THE IMPROVEMENT AND OPTIMAL RETURN OF:

Water pipes, boilers, heat exchangers, pumps, evaporators, steam humidifiers, cooling towers, valves, reverse osmosis systems, kitchen and bathroom appliances, fountains, separators, pressurized water pumps, swimming pools, jacuzzis and sprinklers.

## GREEN WATER TREATMENT

The Merus water treatment technology offers a perfect solution for problems with limescale, corrosion and biofilm. The technology consists of a programmed ring which transmits small oscillations to the liquid and disrupts the growth of lime, bacteria, algae, etc. in both fresh and seawater.

Lime, rust and other deposits have a higher solubility and are more easily washed away with the water. Pipes remain free of deposits for a longer time and regain a better flow and performance level. In addition, less maintenance is required for water pipes and related equipment, and the equipment has a longer lifespan.

Merus does not use any chemicals. The healthy composition of the water does not change and the healthy functioning of the minerals is preserved.



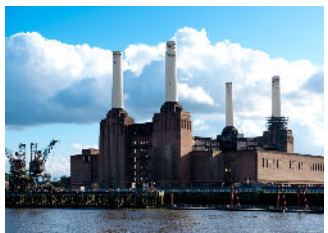
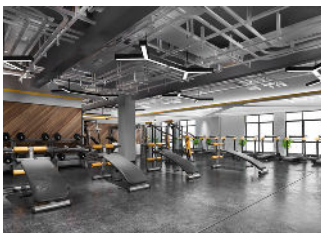
## APPLICATIONS

Hotels; apartment complexes; saunas; fitness and sports clubs; swimming pools; breweries; laundrettes; cooling towers; water companies; retirement and nursing homes; hospitals; (river) cruise; dredging; accommodation and offshore vessels; refineries; industry; etc.

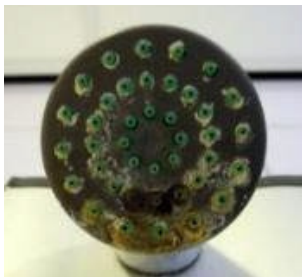
## ADVANTAGES

- No use of chemicals
- Easier removable lime scale
- Maintenance of sanitaryware, faucets and equipment
- Increased energy efficiency of equipment
- Reduction in the use of (chemical) cleaning products
- Reduction in sensitivity to faults
- Visibly clean (sanitary) facilities
- Reduction in maintenance needs
- Energy savings due to reduced limescale

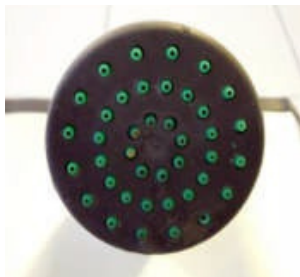
## MARKETS



## BEFORE



## AFTER



## REFERENCES

Hotel Princeville (Golden Greenkey); VVE Waalstate; Westcord Hotels; Boskalis; Hotel New York (golden Greenkey); Hotel Ara (Golden Greenkey); Novapark; Heerema; Holland America Line; Novotel; Hilton; Basic-Fit Europe; Marriot; VVE Waterlandparc; Wagenborg Offshore; Renaissance Hotel Curaçao; Health City Holland & Belgium; Van Gelder Groente & Fruit; Van Oord; Fitness First Benelux; Hotel van der Valk Tilburg; TESO; Haags Medisch Centrum; Imtech; Comfort Parc; Hapag Lloyd; Jan de Nul; Stayokay; Vroon Offshore Services; Stout Pijpleidingen; Groendakcoach; WIN Hotels; etc.

## ABOUT US

Pronomar, which originated from a maritime background, is specialized in the supply of state-of-the-art products. Hereby the Merus technology offers a perfect solution for improvement and optimal efficiency of your machines and equipment.

With its solution-oriented approach, Pronomar offers a new standard in:

## Sustainable water treatment (fresh & sea water)

### VISION

At Pronomar we focus on innovative, technical, environmentally friendly and sustainable solutions to improve working conditions for people and organizations. We want to be a valued business partner to our customers.

### MISSION

Pronomar provides technical and sustainable solutions to optimize and improve working conditions. The solutions provide better working conditions and optimum efficiency, which benefits both the customer and the environment.

Pronomar B.V.  
Noordeinde 88C  
NL - 3341 LW Hendrik-Ido-Ambacht

T: +31 (0)78 - 68 19 481  
E: [info@pronomar.com](mailto:info@pronomar.com)  
[www.pronomar.com](http://www.pronomar.com)

