



Turnkey water treatment specialists

Water management and plant construction

COMS SRL
via degli Artigiani 20
33030 Talmassons
(UD) ITALY
VAT NO. 02665060303

INFO
www.comsitalia.it
info@comsitalia.it
(+39) 0432 762036



TOURISM SECTOR

design | construction | service
of water treatment plants





Wastewater from the tourism sector



The management of water discharges in the tourism/hospitality sector is of great importance; just think of the water used in hotel rooms (showers, flushing toilets, etc.) and restaurant kitchens (meal preparation, dishwashing, etc.), or in swimming pools or spas. The flow of wastewater from this economic sector is very inconsistent, both in terms of water volumes and the quality of the pollutants present, and is usually compromised by anthropogenic activity. Depending on where the wastewater comes from, it may be contaminated with various types of substances that are hazardous to health and the environment.

These pollutants, both organic and inorganic, can be divided into:

- **floatable substances such as oils and fats, foams and other insoluble compounds;**
- **suspended particles which do not settle due to turbulence;**
- **colloidal: cannot be separated from water by mechanical treatments;**
- **dissolved: molecularly or ionically dispersed in water;**
- **biological materials: animal and vegetable organisms in the water.**

Solutions for wastewater treatment and recovery.

Plants combining several chemical, physical and biological processes to produce an effluent suitable for discharge as well as re-use.



The use of cutting-edge technology makes it possible to obtain a final effluent that can be discharged into the ground, a lake or the sea or that can be re-used for consumption within the facility itself for purposes such as the irrigation of green spaces, which are widely present in hospitality facilities, and for

flushing toilets. A full-cycle solution that turns wastewater into a resource by optimising water consumption and helping the facility reduce management costs and environmental impact. We have collaborated in the construction of wastewater treatment plants for the treatment of wastewater from:



hotels and guesthouses



resorts, holiday villages and campsites



pizzerias and restaurants



SPAs



hospitals



COMS Srl has collaborated in the construction of the wastewater treatment plants of the above-mentioned companies.