



ALBINIEnergia

FOR A SUSTAINABLE FUTURE

ALBINI ENERGIA SRL

Controlled by Albini Group S.p.A.



Via Silvio Albini 1
24021 Albino (Bergamo)



+39 035 777 111



albinienergia@albinigroup.com



albinienergia.com

ALBINIEnergia

FOR A SUSTAINABLE FUTURE

WWTP

WASTEWATER TREATMENT PLANTS



Our product

The Albini Energia wastewater treatment plants have been designed to comply with local regulations regarding discharges, the environment and safety.

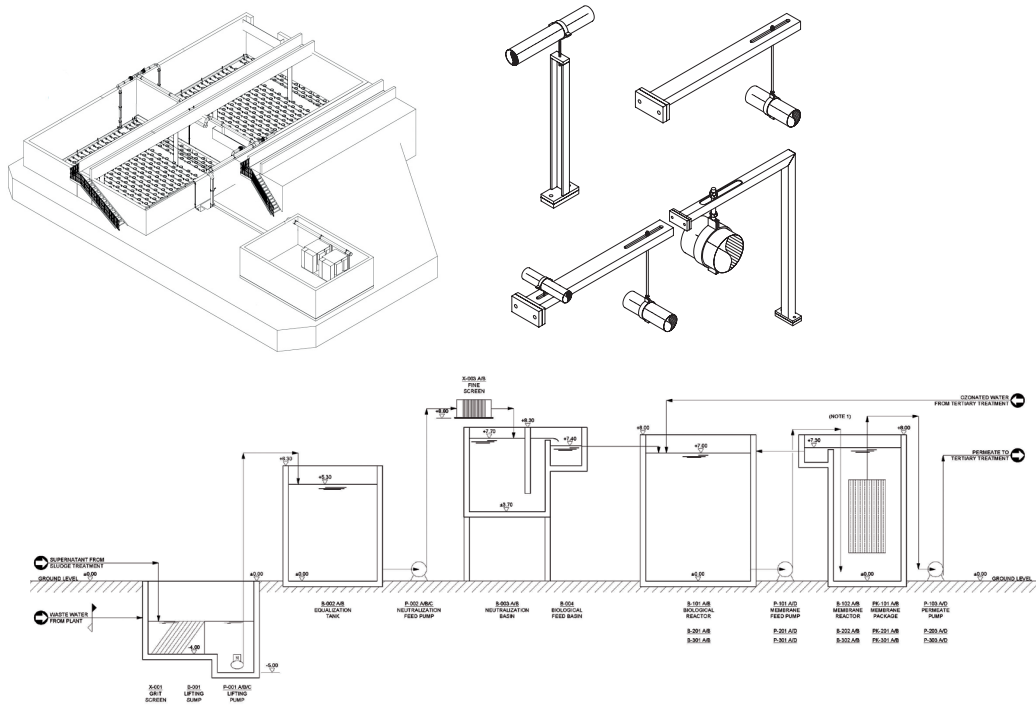
Based on customer needs and requirements, Albini Energia offers some of the best technologies available on the market:

ZLD (Zero Liquid Discharge) through reverse osmosis: over 90% of the treated

water is recovered.
MBR (Membrane Biological Reactor): a selective permeable membrane is built into the biological reactor; this reduces the surface area occupied by the treatment plant.

Ozone: this is used for disinfecting and removing colourants and surfactants.

Sludge treatment using a centrifuge.



Albini Energia provides the preliminary plant projects and all the activities listed below:

- Design documentation compiled taking customer wastewater information and parameters into account;
- Tests on customer wastewater and checking of effectiveness of treatment by way of a pilot project;
- Flow diagrams;
- Mass balances;
- List of main instruments and equipment;
- General lay-out;
- Hydraulic profile;
- Estimate of operating costs;
- Technical report;
- Automation system.

Features and advantages

- Automatic operating system
- Reduced energy consumption
- Environmental protection and safety
- Compliance with all regulations and standards
- Significant cost savings
- Personalised solutions for all customers

Technical data

Flow rate	Industrial sector	Place
500 m ² /h	Textile (dyeing and finishing)	Vietnam
250 m ² /h	Textile (dyeing and finishing)	Ethiopia