



CARRA

DEPURAZIONI

Water Treatment Excellence

OUR MISSION

Water is a very precious resource. Our job is to take care of it.

We **design, develop, and deploy** advanced wastewater treatment solutions for civil and industrial applications.



OUR PROCESS

DESIGN

The correct treatment process is chosen **based on the characteristics of the wastewater** to be treated.

RESEARCH AND DEVELOPMENT

We have affiliated laboratories where specialised technicians, supported by top-quality instruments, **analyse water samples** so that the most suitable treatment can be chosen.

SERVICE AND ASSISTANCE

Once the plant is designed, built, installed and started up, we are able to provide adequate **training to the customer's staff so that the plant can be run correctly**

DESIGN PHILOSOPHY

SELECTION

Tailored treatment chosen based on wastewater characteristics

FLEXIBILITY

Flexibility to handle easily the polluting flow variations.

AUTOMATION

The right degree of automation can assure a safe and simple plant running.

Low environmental impact



PRODUCTS

FILTRATION UNITS

We offers a wide range of filtration equipment types:

- **Sand filtration**
- **Activated carbon filtration**
- **Pyrolusite filtration**

ULTRAFILTRATION UNITS

Separation process obtained by **using low-pressure membranes** that separate particulate matter from the soluble component of the fluid.

REVERSE OSMOSIS UNITS

Process occurs when a salt solution is brought into contact with a membrane permeable to water **at pressures exceeding their osmotic level.**

CHEMICAL-PHYSICAL TREATMENT PLANTS

Chemical-physical treatment is used for industrial wastewater when pollutants **are inorganic or difficult to biodegrade.**

BIOLOGICAL TREATMENT PLANTS

Purification relies on **bacteria and microorganisms** degrading organic matter using dissolved oxygen in the wastewater.

WHY PARTNER WITH US

360° Water Treatment Expertise

Comprehensive technical mastery across primary, domestic, industrial, and rainwater sectors; proven track record with municipalities, big pharma, etc.

Proven R&D Capabilities

Experienced in-house team with a successful history of managing Research & Development projects.

Industrial Infrastructure

Direct manufacturers of reinforced concrete tanks, providing the physical space and assets to build and house pilot plants.

Ready for Industrialization

Strong commitment and strategic vision to scale project results into a viable industrial plan.