

## Environment and Water Treatment



### DESCRIPTION

Pilot plants to process water treatment and waste treatment techniques. Adapted to carry out practical workshops in chemical engineering, environmental and water specialized school.

#### Topics :

- ✓ Ion exchanges
- ✓ Reverse osmosis
- ✓ Biological processes
- ✓ Physico chemical treatment
- ✓ Filtration
- ✓ Ultrafiltration
- ✓ Nanofiltration
- ✓ Wastes treatment

### REVERSE OSMOSIS

#### The process includes :

- ✓ Osmosis y Nanofiltration
- ✓ Reverse osmosis for seawater

### FILTRATION

#### Filtration process includes :

- ✓ Filtration on sand
- ✓ Filtration on activated carbon
- ✓ Cartridges filtration

### BIOLOGICAL PROCESSES

- Aerobic treatment
- Anaerobic treatment
- Automated Biological Treatment