

DEVELOPMENT AND DEMONSTRATION OF WASTEWATER TREATMENT TECHNOLOGIES

Innovations and Benefits - Innovative methods for developing biological technologies for the treatment of urban, industrial and / or mixed waste water.

Demonstration of innovative processes for wastewater treatment.

Development of new processes for wastewater treatment.

Study of innovative application processes for specific cases. Ability to implement complex processes on a small scale.

Use -

- Control and containment measures of pollutant emissions from waste water
- Study of the biodegradability and biological treatability of complex matrices
- Treatability of industrial waste water
- Treatability of waste water to check water reuse
- Optimized management of wastewater treatment plants

Applications and ongoing Activities - Creation of a prototype of respirometer, a device for determining the biodegradability and treatability of urban, industrial and mixed waste water. Implementation of scale, bench and pilot plants for the evaluation of treatability of industrial wastewater.

