

# INTEGRATED ANAEROBIC SYSTEM FOR WASTEWATER RECLAMATION AT AMBIENT TEMPERATURE IN EUROPEAN CLIMATES LIFE SIAMEC NETWORKING

## COORDINATOR

Fundación Centro Gallego de Investigaciones del Agua, Cetaqua

## PARTNERS

- Universidade de Santiago de Compostela
- Empresa Municipal de Aguas y Saneamiento de Murcia S.A. (EMUASA)
- Corporación Alimentaria Peñasanta, S.A (CAPSA FOOD)
- Entidad Regional de Saneamiento y Depuración de Aguas Residuales de la Región de Murcia (ESAMUR)
- HIDROGEA, Gestión Integral de Aguas de Murcia, S.A.

## CONTACT

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## DESCRIPTION

LIFE SIAMEC Project aims to promote changes in the wastewater treatment. This approach will cope with two points of view, economic and environmental. It will be demonstrated the viability of a new technology for treating and reusing water minimizing both energy consumption and sludge production. This technological solution will address to face the water resources scarcity due to the reusable water obtaining. The feasibility will be demonstrated not only for municipal wastewater treatment also for industrial outputs. GHG will be specially tracked in order to obtain a environmentally friendly technology.

## AIM

To assess the feasibility of a novel technology for the wastewater treatment. The technology will be validated in both two main European climates, Atlantic and Mediterranean. Both dissolved methane and nitrogen removal will be considered for sustainably obtaining biogas and reusable water from wastewater.

## INDUSTRIES

- Dairy
- Brewery
- Drinks
- Cannery

## FURTHER INFORMATION

[www.life-siamec.eu](http://www.life-siamec.eu)