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PREVENTION AND INTEGRATED MANAGEMENT OF HIGH POLLUTED EFFLUENTS FROM FOOD SMEs TO URBAN SANITATION SYSTEMS

COORDINATOR: Consorcio Aguas Bilbao Bizkaia

PARTNERS: AZTI (technical coordinator), Ceit-IK4, Conser-
vas Aguirreoa, Guenaga, Heisa and Marmar.

DURATION: July 2016 - December 2019

BUDGET: 1,958,998 €. It is financed by European LIFE +
projects (56% of the total budget).

CO-FINANCED: by the Basque Water Agency (URA).

PROJECT SUMMARY

OBJECTIVE: Demonstration of an integrated solution (technical, legislative and environmental) for reduction at the origin and the controlled integration of high organic and saline load discharges from the SME's canning industry in the urban sanitation system.

INCLUSIVE ASPECT: It has been possible to combine all stakeholders this problem: canneries companies, water management bodies and administrations, to reach an integral solution allowing to jointly the sustainable management of an resource limited as is water.

- Provide low-cost innovative solutions, addressing them in a comprehensive manner through clean and eco-efficient production.
- Implementation of Real Time Control System (RTC) a remote management system in the sanitation network that will allow the remote and intelligent management of the different discharges, urban and industrial, based on the modeling of the operation of the Collector Network and the WWTP in different landfill scenarios.

DEMONSTRATION OF THE PROJECT: it will be carried out in the Artibai area, although the results will be extrapolated to the entire fish canning industry from Europe.

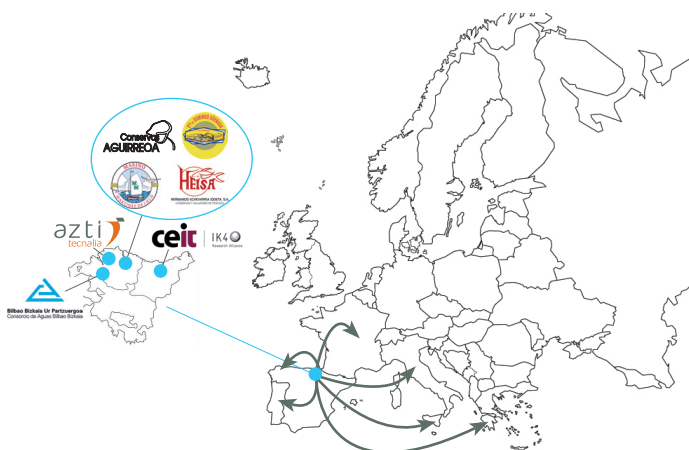




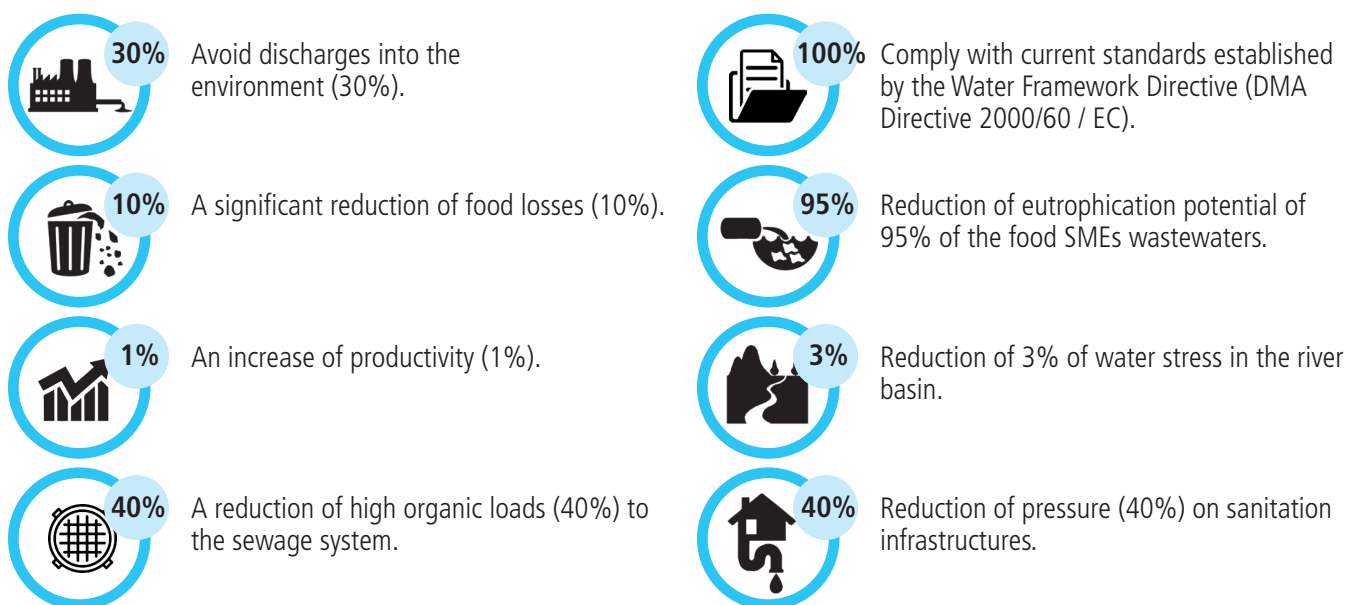
PROJECT TRANSFER AND REPLICABILITY PLAN

The solution generated from this project can be replicated in other regions that present similar problems with fish canning industries. According to the STECF report (2011), the total number of canning companies in Europe is 3,500, of which 86% are SMEs.

At the Spanish level, other areas with similar problems are: Basque Country (Bermeo and Mutriku), Cantabria (Santoña) and Galicia. At European level: Portugal (Ribera de Duero and Aveiro) and Italy (Sicily, Veneto and Emilia Romagna).



EXPECTED BENEFITS



PARTNERS

Coordinator

Technical Coordinator

Co-financer