

Technological cooperation agreement between FRISELA and SISLtech to optimize the biological wastewater treatment of the FRISELVA slaughterhouse by means of *atl_EDARi* platform.

DESCRIPTION: Implement, adjust and evaluate the advanced control system (*atl_EDARi*) in the biological wastewater treatment of the FRISELVA slaughterhouse.

FUNDING BODY: Departament d'Agricultura, Ramaderia, Pesca, Alimentació i Medi Natural – Generalitat de Catalunya.

DURATION: 2013

Sistemes d'Ajuda a la presa de Decisions (SAD): Del sector del tractament d'aigües residuals i residus al sector de l'aqüicultura (AQUISAD).

DESCRIPTION: Design and development of a decision support system for the prevention, detection and correction of stress episodes during breeding of pelagic and benthic fishes reared in tanks or in sea cages.

FUNDING BODY: ACC10 - Generalitat de Catalunya

DURATION: 2012-2014



Technological cooperation agreement with Rejonowe Przedsiębiorstwo Wodociągów y Kanalizacji w Sosnowcu Spolka, ABM Serveis d'Engineria i Consulting S.L. and SISLtech.

DESCRIPTION: Implement and validate the *atl_EDAR* platform in the biological wastewater treatment plant of Radocha II, Sosnowiec, Poland.

FUNDING BODY : Recursos propios.

DURATION: 2011-2012

Dispositiu compacte i modular per a la regeneració d'aigües depurades amb control avançat del consum energètic i gestió del risc (DRAAC).

DESCRIPTION: Design and develop a compact and modular device, based on filtration and reversed electro dialysis, for the regeneration of purified wastewater, guaranteeing the quality of water, as well as optimizing the energy consumption.

FUNDING BODY: ACC10 - Generalitat de Catalunya

DURATION: 2010-2012



COMUNITAT EUROPEA

Fons Europeu de Desenvolupament Regional

Disseny i desenvolupament d'un sistema de control avançat per a l'optimització dels processos d'eliminació de nutrients en estacions depuradores d'aigua residual (IENN 10-1-0045).

DESCRIPTION: Design and development of an advanced and intelligent control system to guarantee the proper removal of nutrients, as well as to optimize the energy consumption of these purification processes.

FUNDING BODY: ACC10 - Generalitat de Catalunya

DURATION: 2010



Operación óptima inteligente de los sistemas de saneamiento de aguas residuales urbanas (OPTIMAR).

DESCRIPTION: Optimization of sewage systems and urban wastewater treatment plants, from proper management of available knowledge and information.

FUNDING BODY: Ministerio de Ciencia e Innovación

DURATION: 2009-2010



Environmental protection through coordinated management of urban drainage systems and wastewater treatment plants.

DESCRIPTION: Integration of the design and the management of drainage networks and wastewater systems, tasks which had been done individually and in an uncoordinated way, up until now.

FUNDING BODY: R&I Alliance

DURATION: 2008-2011 (Phase 1)

Concepción de la EDAR del siglo XXI. Desarrollo, implementación y evaluación de tecnologías para el tratamiento y recuperación de recursos en aguas residuales.

DESCRIPTION: Development and implementation of new wastewater treatment systems, as well as the evaluation and optimization of operation strategies in real plants.

FUNDING BODY: Ministerio de Educación y Ciencia

DURATION: 2007-2011