



Newsletter LifeLiberNitrate

Nº 2. Nov 2018



**Jornada informativa
sobre el proyecto Life
Libernitrate**

**Life Libernitrate
dissemination event**

La Diputación de Valencia ha organizado distintos eventos de carácter divulgativo, en los que se ha tratado el proyecto Life Libernitrate.

El 11 de junio del 2018 tuvo lugar la segunda reunión de coordinadores del proyecto, en donde se expusieron las acciones, siendo unas de las más importantes las de seguimiento, implementación y divulgación.

The City Council of the Province of Valencia has been heading several dissemination events focused on the Life Libernitrate project.

On 11 June 2018, a second coordination meeting have took place with the project coordinator partners. The project actions were discussed, mainly the monitoring, implementation and dissemination actions.



Encuentro técnico

El 13 de junio del 2018, se ha celebrado una jornada formativa: **“Agua y Nitratos. Propuestas y Acciones Políticas del Presente y el Futuro”** en el patio de Scala de la Diputación de Valencia. Este evento contó con la participación del Diputado de Proyectos Europeos, D. Bartolomé Nofuentes, el coordinador del proyecto Life Libernitrate, D. Plàcid Madramany, el Teniente Alcalde del Ayuntamiento d'Alginet,

Meeting

On 13 June 2018, an information session **‘Water and Nitrates. Proposals and Political Actions for Today and Tomorrow’** was held at the Patio of the Scala in the County Council of Valencia. Several representatives have attended this event, such as Mr Bartolomé Nofuentes, Member of the County Council of Valencia for the European Projects Affairs, Mr Plàcid Madramany, the Project Coordinator,

D. Jesús Boluda, el Secretario Autonómico de Agricultura y desarrollo Rural, D. Francisco Rodríguez, el Presidente del Consorcio de la Ribera, D. Oscar Navarro; y el Diputado del Área de Medio Ambiente, D. Josep Vicent Bort. Asimismo, se ha realizado una presentación del proyecto Life Libernitrate, y una mesa de debate sobre las propuestas y acciones políticas.

Mr Jesus Boluda, the Mayor of the City Council of d'Alginet, Mr Francisco Rodriguez, the Secretary of the Local Government for Development and Agricultural Affairs (*Agricultura y Desarrollo Rural*), Mr Oscar Navarro, the Chairman of the Ribera Consortium and Mr Josep Vicent Bort, Member of the County Council of Valencia for the Environment Matters. Furthermore, the project has been presented and the attendees have participated in the discussion sessions on the proposals and political actions.



Congreso Euromembrane 2018

Siguiendo con nuestro programa de actividades, se ha realizado el congreso de Euromembrane en la Universidad Politécnica de Valencia, el cual tuvo lugar del 9 al 13 de julio de este año con el fin de dar difusión al proyecto Libernitrate. En este

Euromembrane Conference 2018

As part of our agenda, the Euromembrane Conference was held from 9 to 13 July 2018 at the Polytechnic University of Valencia to promote Life Libernitrate. The conference has been attended by

evento asistieron algunos de los representantes de las entidades que participan en nuestra iniciativa.

renowned representatives of the entities that take part in the project.



Responsible reduction of nitrates in the comprehensive water cycle LIFE libernitrate

LIFE is ENV/ES/000419
info@libernitrate.eu
www.libernitrate.eu

Euro-membrane 2014 Valencia J.A. 12

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RESPONSIBLE REDUCTION OF NITRATES IN THE COMPREHENSIVE WATER CYCLE LIFE libernitrate

R. Teruel-Juanes¹, C. Moliner-Estopiñan², Carmem T. Primaz¹, J.D. Badia³, I. Bautista⁴, J. M. Navarro⁵, Barbara Basci⁶, Elisabetta Arato⁷, P. Campins-Falcó⁸, C. Molins-Legua⁹, Francesc Hernández², Placid Madramany⁴, Jose Morán¹⁰, Pepe Castro⁹, Fco Javier. Sanchis⁵, José D. Martínez⁷, Frank Hidán¹¹, A. Ríbes-Greus¹²

The objective of this project is to validate an innovative technology to reduce the NO_x concentration of the integral water cycle. The ashes from the controlled combustion of rice straw residues allow obtaining active silica to absorb the NO_x.

SOLUTION **libernitrate**

PROBLEM

To implement the farmers awareness system, to reduce the concentrations of nitrates at source, to validate a prototype to produce active silica from controlled combustion of rice straw.

To prepare, install and validate active silica filters in water treatment plants.

To transfer and replicate the project and technology.

ACTIONS

Farmers awareness

To increase farmers awareness to reduce the excessive use of nitrogen fertilizers and to train farmers on the usage of fertilizers with low nitrogen content. For example, using slow-release nitrogen fertilizers.

Rice straw recovery prototype

Prototype to produce active silica from controlled combustion of rice straw.

Nitrates elimination by active silica beds

Installation of innovative nitrates removal technology filters in Alginet drinking water treatment plant.

Transfer and replicate the project and technology

The basis will be applied in European Union-wide areas (Italy, Poland) and the technical / economic viability of its implementation will be established.

Conclusions: The implementation of LIFE LIBERNITRATE allows eliminating nitrates from the integral water cycle through treatments with low environmental impact.

Acknowledge: The European Commission and the Spanish Ministry of Environment and Sustainable Development (MITECO) are thanked for the financial support given to the Project LIBERNITRATE (LIFE ENV/ES/000419).

@Life Libernitrate Project www.libernitrate.eu

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