

Ceit-IK4

The workshop on **Eco-innovation** projects in the water sector is organized by the Spanish research center **Ceit-IK4**.

This workshop is part of the dissemination activities of the **artICA4nr EU project**, which is coordinated by **Ceit-IK4**.

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The Ceit logo is written in a lowercase, bold, white sans-serif font.

IK4  Research Alliance

RESEARCHING TODAY,
CREATING THE FUTURE

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Workshop

ECO-INNOVATION
PROJECTS IN THE
WATER SECTOR



CONFERENCE CENTRE

15/11/2016 | 15:00
ROOM CC4.4

FIRA BARCELONA GRAN VÍA
Av. Joan Carles I, 64, 08908
L'Hospitalet de Llobregat
Barcelona



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15-17th November 2016
www.iwaterbarcelona.com



Despite the progress made in recent years, a large percentage of wastewater treatment plants (WWTPs) in Europe and in the rest of the world are still being operated below optimum achievable performance.

Art-ICA is a novel advanced control solution for biological nutrient removal **WWTPs** that, when applied, immediately leads to significant improvements in these systems in terms of the quality of the treated water combined with appreciable savings in electricity.

The main objective of the **artICA4nr** project is to replicate this product in three **WWTPs** in Spain and Portugal and quantify its benefits by combining both environmental and economic indicators. A second and equally important objective of the project is to speed up the market uptake of the product.

www.artica4nr.eu

Workshop on **Eco-innovation** projects in the water sector

Some relevant EU projects with specific application to the water sector will be presented in this workshop. All these projects have received funds from the ecoinnovation initiative of the **Entrepreneurship and Innovation Programme (EIP)**

PROGRAMME

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|-------|---|
| 15:00 | Welcome |
| 15:05 | SALTGAE. Demonstration project to prove the techno-economic feasibility of using algae to treat saline wastewater from the food industry Mr. Marco de la Feld - ENCO |
| 15:15 | OPTIMEDAR. Efficient management of small and medium WWTPs Mr. Jordi Cros - ADASA |
| 15:25 | LESS-WATER BEV. TECH. Water saving in food processing: an innovative water treatment and recovery system Mr. Paolo Ferrari - A DUE |
| 15:35 | ECUVal. Recycling of salty effluents after removal of colour by electro-chemical and ultraviolet treatment Ms. Carmen Gutiérrez-Bouzán - IN-TEXTER - UPC |
| 15:45 | Questions |

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|-------|--|
| 15:55 | ALGAEBIOGAS. Algal-bacterial digestate treatment and biomass production Mr. Miha Zitnik - AlgEn |
| 16:05 | CFIS-ECOPHARMA. Innovative continuous flow integrative sampler (CFIS) for pharmaceutical compound detection Mr. Azziz Assoumani - Labaqua |
| 16:15 | WWQM. Wastewater quality monitoring Mr. Jordi Cros - ADASA |
| 16:25 | ARTICA4NR. A multi-variable control solution for sustainable operation of nutrient removal in urban WWTPs Mr. Ion Irizar - Ceit-IK4 |
| 16:35 | WETNET. Competitive and flexible solution for drinking water leakage detection and management Mr. Juan Luis Sobreira - Instituto Tecnológico de Galicia |
| 16:45 | Questions |
| 16:55 | Coffee break |
| 17:15 | H2020 consortium building - Presentation and analysis of the topic CIRC02-2017-b: Water in the context of the circular economy |

WORKSHOP ORGANIZED BY



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Co-funded by the Intelligent Energy Europe Programme of the European Union