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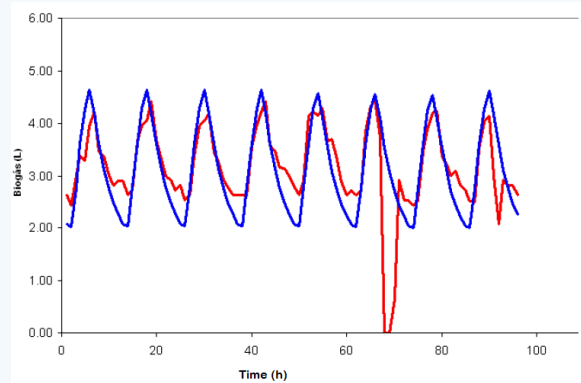
The Life **ECODigestion** project aims to validate an innovative technology of automatic dosage for organic waste in anaerobic digesters of WWTP. This technology will allow to optimize the generation of biogas - renewable energy – in order to contribute to the reduction of greenhouse gases emissions by recycling agri-food industry waste.

The main result of **ECODigestion** is to maximize the co-digestion potential of sewage sludge with different organic waste by combining experimental techniques and mathematical tools.



## Results of the adjustment of ECOdigestion tool with ADM1 model

At the moment, **ECOdigestion** Project is in the technology demonstration phase at pilot scale. The previous phase consisted in the verification and adjustment of the ADM1 model for the fed sludge to the system, verifying that there were not significant differences between the simulated biogas produced values (in blue) and the experimental data obtained in the pilot plant (in red). Afterwards the cosubstrates have been implemented in the system.



## Project Results exposition in “LIFE 2016 Regional Infoday”



M<sup>a</sup> José Tárrega, Responsible for the Wastewater laboratory and Wastewater R&D&i area technician, explained in the LIFE 2016 Regional Infoday the Project results in the talk: “**ECOdigestion**: adding of residues Control in anaerobic digesters to maximize the biogas production”. Other LIFE projects presented were: In-BRIEF, STOR3, microTAN, DYES4EVER, SEACOLORS, LO2X, EXTRUCLEAN, etc.

## AVSA, MARE and EGEVASA presented “LIFE ECOdigestion “ project to increase the biogas production at SMAGUA

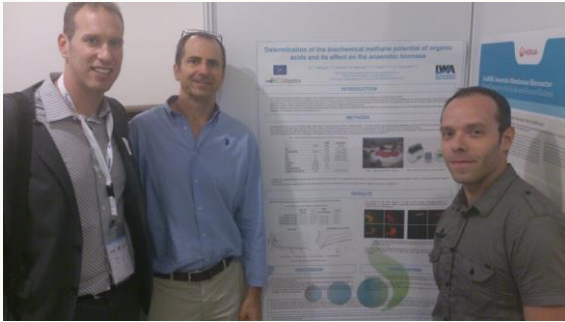
The Project had a stand for disseminating its actions and carrying out Networking activities at the International Water and Irrigation Exhibition SMAGUA 2016, celebrated from 8 to 10 of March in Zaragoza. This edition counted with more than 32.800 visitors from 780 companies and 35 countries.

M<sup>a</sup> José Tárrega, Wastewater R&D&i area technician of **Grupo Aguas de Valencia**, presented the Project at the commercial presentation area.





## ECOdigestion Poster presentation at the XIII Leading Edge Conference on Wastewater Technologies



The **ECOdigestion** team presented the poster *“Determination of the biochemical methane potential of organic acids and its effect on the anaerobic biomass”* with some of the firsts ECOdigestion Project phases results at the “Leading Edge Conference on Wastewater Technologies” congress celebrated in Jerez from 13 to 16 of Jun 2016.

The poster can be downloaded in the Project web:

<http://ecodigestion.com/documentos-del-proyecto/>

## Project dissemination at the International Environmental Solutions Fair

**ECOdigestion** had a stand in the International Environmental Solutions Fair ECOFIRA and EGÉTICA held the 28 and 29th September in Valencia. A mockup of the project pilot plant was showed in the stand.

On the other hand, M<sup>a</sup> José Tárrega, Wastewater R&D&i area technician of the **Grupo Aguas de Valencia**, presented some of the project results in the demonstration zone of the fairs.



## Meeting *New Technologies applied to Wastewater Treatment Sector*: Pau Granell presents ECOdigestion



Pau Granell, technician from EGEVASA, presented the last November the 3rd **ECOdigestion** tool at the meeting *New Technologies applied to Wastewater Treatment Sector* organized by EPSAR. At the meeting, which contended with near of 400 participants, other European projects and new trends were presented.





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## Technical Congress Sludge Digestion/co-digestion

*Place:* ADEIT Fundación Universidad Empresa de Valencia  
Virgen de la Paz square, 3, 46001 Valencia (Spain)

*Registration:* <http://ecodigestion.com/eventos/>

The meeting will be held within the LIFE project frame,  
funded by the European Union, LIFE13 ENV/000377  
[www.ecodigestion.com](http://www.ecodigestion.com)



aguas de  
valencia

### Project partners

**Aguas de Valencia** focuses managing the Integrated Water Cycle, developing complementary lines that create synergies to optimize water supply, sewerage, wastewater treatment and solid waste management. Currently it attends a total population of 2,000,000 inhabitants and one of its immediate goals is to extend this management in other regions, with the active participation of more than 1,100 professionals.

**MARE** is a public company of Government of Cantabria, and ascribed to the Department of Environment, dedicated to environmental tasks, such as territory management, wastewater treatment, management and treatment of domestic solid waste, and energy recovery of waste. With a workforce of 322 employees and developing their objectives over the 5,000 km<sup>2</sup> of the territory in the Community of Cantabria, it is responsible for operating a network of 28 wastewater treatment plants.

**EGEVASA** manages up to 260 of the 443 treatment plants of the Valencian Community. With an experience of over two decades in the treatment of wastewater it has extensive experience in physical, chemical and biological processes of the WWTP. The company is committed to R&D to implement innovative solutions to the main problems encountered in the operation of the WWTP.

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If you do not wish to receive further emails about ECOdigestion project, please send an email to [i+d+i.residuales@gavsa.es](mailto:i+d+i.residuales@gavsa.es) with the subject "unsubscribe".

