

RESEARCH AND DEVELOPMENT ON ANAEROBIC DIGESTION PROCESS

PRESENTATION

The progressive growth of organic waste from the agroindustrial industry has currently become a major concern for the European Union due to the serious environmental and economic impact associated to its management.

Anaerobic digestion is an efficient technology to manage and convert organic waste into biogas (green energy) and digestate (biofertilizer). Efforts of researchers and companies in this field have focused on the development of technologies to increase the AD process performance.

The aim of this workshop is to expose the innovations reached through the development of the ADAW -Anaerobic Digestion for Animal Waste-project. This project is a research project developed supported by the Seventh Framework Program (FP7) of the European Union.

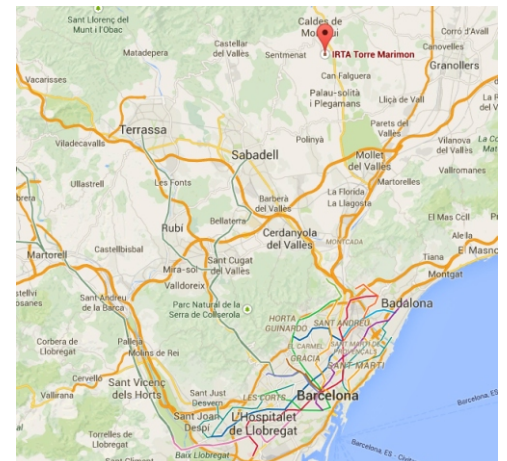
The main results of the ADAW project are the integration of the saponification and sonication processes as pretreatment to allow the lipid-rich wastes treatment and the development of an advanced control technology for the online parameters monitoring.



LOCATION

The workshop will take place on the 24th of February in Torre Marimon, a historical building located 30 kilometres north of the centre of Barcelona which currently harbors the headquarters of IRTA (Catalan Institute for Research and Technology in Food and Agriculture).

The Address: IRTA - Torre Marimon, Caldes de Montbui (Barcelona)
Coordinates: 41°36'47.71"N - 2°10'9.57"E




REGISTRATION

Attendance to the workshop is free but registration is required due to limited capacity. You must fill registration form attached.

Organized by:  biogas fuel cell



with the collaboration of:  inspiralia



and the contributions of the EC through the Seventh Framework:



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WORKSHOP PROGRAMME

- 9:00 Registration and welcoming
- Session I - General Overview
- 9:30 Opening: Presentation of the workshop (Iván Barredo - BFC)
- 9:50 Anaerobic Digestion: expectatives and limitations to be overcome (Xavier Flotats - UPC)
- 10:15 Saponification to improve the AD process (Audrey Battimelli - INRA)
- 10:40 Coffee Break
- Session II - ADAW Project
- 11:00 Online parameters monitoring and fuzzy logic controller in AD (José I. Lozano - INSPIRALIA)
- 11:25 Sonication technology to enhance the AD performance (Belén Fernández - IRTA)
- 11:50 Technologies integration in the ADAW process (Belén Fernández - IRTA)
- 12:10 Questions & formation of groups to visit the ADAW prototype
- 12:25 Visit to the ADAW prototype (for attendees registered)
- 13:00 Lunch
- 14:00 End of the workshop

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24th February 2015
IRTA - Torre Marimon
Caldes de Montbui (Barcelona)

Organization:

Name and surname:

Email:

Phone:

Preferred language:

Would you be interested in visiting our AD prototype?

If you are interested in attending our workshop, please send the registration form duly filled to: i.barredo@grupobfc.com and belen.fernandez@irta.cat

Free access until full capacity of the room is reached

Registrations from 9 to 22 February 2015

With the collaboration of:



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