

Agrobiogas Objectives:



SIXTH FRAMEWORK PROGRAMME



- Increase efficiency of Anaerobic Digestion (AD) with agricultural wastes, energy crops & co-digestion
- Laboratory and pilot-scale experiments on co-digestion
- Set up of a European co-fermentation substrate database
- Develop simulation software
- Simulate the most appropriate mixtures of co substrates for decentralised biogas plants taking into account the wide variety of farmers practices and substrate availability in Europe
- European Agricultural Helpdesk Network giving advice for decentralised AD plants
- European Operational Guidelines for Good practices in AD processes in 5 different languages

Status:

Deliverables generated in First Year:

- **D1** Report of the on-going research on AD activities and results obtained
- **D2** Current and upcoming legislation on EU countries
- **D3** Current and upcoming technological development for AD in EU
- **D4** Tendencies & future potential on biogas utilisation
- **D4a** Status of competing renewable energies technologies
- **D5** Quality criteria for AD sludge as bio-fertiliser
- **D6** European Market study of bio-fertiliser
- **D7** Biogas in Europe general characterization
- **D8** List of co-fermentation substrates & process parameters
- **D9** Standardised experimental set-up & experimental procedures

AGROBIOGAS

“An integrated approach for biogas production with agricultural waste”

Upcoming:

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J. Hinge DANISH AGRICULTURAL ADVISORY SERVICE

- Summary of AD experimental results
- Summary on available AD data
- European co-fermentation substrate database
- Large scale experiments for toolkit optimisation
- 1st version of the AD simulation toolkit
- Simulation toolkit optimisation based on large-scale experiments
- Economical feasibility built-in module
- Final version of the AD simulation toolkit
- Report on the influence of climatic zones on AD
- European Agricultural AD Helpdesk
- Investment Decision tool
- Recommendation for AD sludge bio-fertiliser utilisation
- Training strategy and material for project results dissemination
- Final report

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www.agrobiogas.eu

SOME OF THE 24 CONSORTIUM PARTNERS (10 COUNTRIES)



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UNIV. OF BARCELONA (SPAIN)



SWEDISH UNIV. OF AGRICULTURAL SCIENCES (SWEDEN)



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