

# HIDROTERM TASK FORCE PROJECT

## Hydrothermal hydrolysis in agro-industrial biogas plants

As an innovative project, HIDROTERM aims to combine anaerobic digestion (AD) with hydrothermal liquefaction (HTL), a thermochemical process applicable to waste and/or biomass with high moisture content, in order to produce fuels or energy materials.

This will be the core of our innovative approach to achieving a revolutionary change in the management of waste generated by the agricultural industry. These technologies offer the possibility of utilizing and adding more value to organic waste, such as that from agricultural crops or forestry residues, for the generation of biogas, a renewable fuel.

The overall objective of the project is to evaluate the combination of HH and AD to optimize biogas production in agro-industrial digesters (without modifying the operating conditions of the industrial digesters) from waste with a high fiber content.



### STAKEHOLDERS:

- Leader: TORRE SANTAMARIA
- REMONDIS IBERIA
- SORIGUÉ
- IRTA (Technology Centre)
- CLÚSTER BIOENERGIA CAT (Coordinator)

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