

Biogas2PEM-FC is an industrial research EU funded project that involves European SMEs and first class RTDs.

This project aim is to provide a modular, reliable, cost-effective and efficient combined heat & power (CHP) system suitable for a distributed, on-site power generation from agricultural wastes (specifically, from olive mill waste)

More info:

[www.biogas2pemfc.eu](http://www.biogas2pemfc.eu)

**Project coordinator**

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POWERCELL

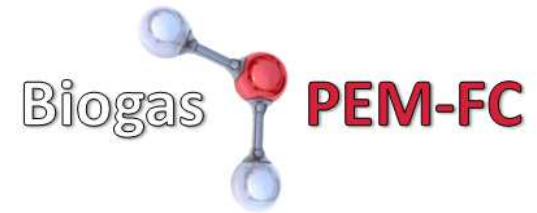


**Project partners : SME Participants**



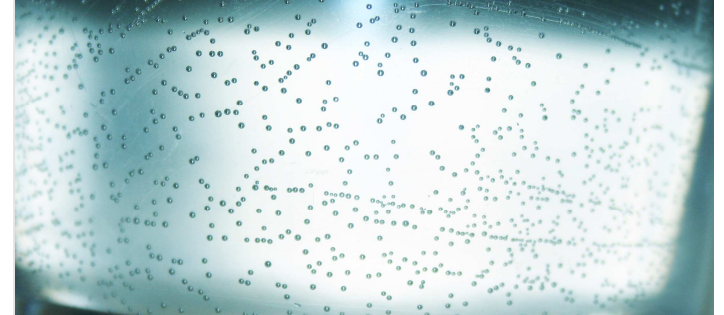
**ingenostrum**

**Project partners : RTD performers**



## Biogas2PEM-FC

Biogas Reforming and  
Valorisation Through PEM  
Fuel Cells





“Your new solution for olive  
mill waste management and  
valorisation”  
- **Biogas2PEM-FC**

## Olive mill waste valorisation

The originality and innovation of the project can be summarized through the following contributions to technological progress:

- Increase of biogas generation rates using agrifood wastes as raw materials.
- Generation of new low cost biogas reforming technologies.
- Power generation from treated biogas by means of PEM fuel cell integrated in the system. High hydrogen concentration and calorific value of the reformat enable the operation of the fuel cell at a high-efficiency mode.
- Demonstration of techno-economical and environmental feasibility of developed technologies for their implementation at small and medium agrifood companies (SMEs).

- Testing of the technological competitiveness of biogas reforming and PEM technologies as renewable and integrated technological solution. By developing this process all the wastes return to the olive oil production cycle, making it more sustainable.
- Promotion of biogas reforming and PEM technologies for their industrial application in distributed power production.

## FP7 – Capacities Programme

Biogas2PEM-FC has received funding from the European Union's Seventh Framework Programme managed by REA – Research Executive Agency <http://ec.europa.eu/research/rea> (FP7/2007\_2013) under Grant Agreement N.314940.



## NAME OF THE PARTNER

Partner description

## PARTNER ROLE IN THE PROJECT

Main tasks to be carried out in the project by this partner are:

- ...
- ...
- ...

## Contact Us

contact details from partner, website, etc...