

Why Waste2Biofuel?

The LIFE WASTE2BIOFUEL project aims to reduce the impact that incorrect waste management has on air, water and soil ecosystems. To this end, LIFE WASTE2BIOFUEL will develop an Integrated Gasification Fischer-Tropsch (IGFT) process for the thermal treatment of the biomass fraction of Municipal Solid Waste (MSW). The system shall allow treating the target waste through an energy sustainable and environmentally friendly process.

The environmental benefits:

- **To assess the technological performance of the IGFT process**
To validate that it is possible to convert biowaste into liquid fuels in an energy self-sufficient way.
- **To assess the environmental sustainability of the IGFT**
By means of performing LCA and LCC of the system.
- **To assess the economic viability of the IGFT process**
Through developing feasibility studies of industrial scale plants in order to plan bankable projects.
- **To reduce GHG emissions and air pollutants**
To minimize the rate of waste disposed in landfills and the waste refused fraction.
- **To implement and promote a new waste treatment model**
That indeed considers landfilling a "last choice" according to the waste management hierarchy.
- **To demonstrate the replicability and transferability during and after its implementation**
Through knowledge, useful networking, technology and business model transfer strategy.



LIFE Waste2Biofuel is presented in Brussels – 17.10.2017

LIFE Waste2Biofuel was present in Kick-Off Meeting for LIFE16 projects on 17 and 18 October 2017 in Brussels.

The meeting took place at the MCE Conference & Business Centre, Rue de l'Aqueduc 118, 1050 Brussels (<https://mceconferencecentre.eu>).

The aim of the meeting was to provide you with an overview of the relevant policy topics, the LIFE Programme rules, your interaction with EASME and the role of the external monitoring team in project implementation. Financial and technical issues, as well as project reporting, dissemination and communication matters, were discussed.

This Kick-Off Meeting was also used as a networking platform among the participating projects sharing common priority areas.



First project meeting - Algimia del Alfara (Valencia), 14.11.2017

The LIFE Waste2Biofuel project starts. The past 14.11.2017 took place the meeting of launching of the project, in the Treatment Plant of Waste of Algimia of Alfara (Valencia), with all the partners.

In addition, the RETEMA Magazine includes an article about the start of the project.

See [more](#).



Navarra Smart – Navarra, 13.12.2017

CETENMA was present at the NAVARRA SMART Forum, which took place on December 12 and 13, 2017.

We present the LIFE WASTE2BIOFUEL project in the session on urban solid waste and circular economy, on December 13th.



Cañada Hermosa – Murcia 14.12.2017

CETENMA visits Cañada Hermosa, one of the leading waste treatment centers in Europe, within the framework of the LIFE Waste2Biofuel project.



Curiosity 7RM – Murcia 05.12.2017

The Director of CETENMA, Gemma Castejón, visits the 8th Curiosity program, in which she announces the LIFE Waste2Biofuel project.

See [more](#).



RETEMA – Nº 203 Noviembre-Diciembre 2017

TETma publishes the article "LIFE Waste2Biofuel, new techniques for the production of biofuels from organic waste", in the number 203 of November / December 2017 of the magazine RETEMA.

See [more](#).



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