



## **CHIMERA: successful tests on prototypes plants**

The **period of tests** on the prototypes of CHIMERA (CHICKens Manure Exploitation and RevAluation), that have been installed in Italy for 16 months, ended with positive results. During this period, interesting data have been collected, to be used as important information for the design and the implementation of the pilot plant to be installed in the Netherlands, in the coming months.



*The CHIMERA prototype installed at F.lli Lorenzetti farm*

The good results confirm the validity of the **innovative technology (registered patent)** developed by 3P Engineering for CHIMERA, allowing the chicken manure to be disposed in an environmentally sustainable way (level of emissions compatible with the EU legislation). In addition, chemical analysis attests the possibility of obtaining an inorganic N-P-K **fertilizer** from sludges produced by combustion.

A special thanks to “Regione Marche” and in particular, to the Department “P.F. Valutazioni e Autorizzazioni Ambientali e Protezione Naturalistica” for the authorizations for the prototypes’ installation, and for the support to the project.

Furthermore, 3P Engineering would like to thank the **Fileni** farm, based in Osimo (AN), and the **F.lli Lorenzetti** farm, based in Castelfidardo (AN), for their availability to host the CHIMERA prototypes: their contribution has been really important to achieve these goals.

The new challenge is now the design and installation of the pilot plant at the **Renders & Renders** farm, the partner of 3P Engineering for the CHIMERA project, that is based in the Netherlands, where it will be possible to test the pilot plant working at continuous loop for 12 months.



*Mark and Jack Renders at Renders & Renders farm*

## Events and Meetings

During the first months of 2019, CHIMERA team participated to the following events:

- **A workshop about rural development policies and LIFE Programme**, on February 14<sup>th</sup>, in Rome. The event, organized in the context of the RRN 2014-2020 Programme, has been promoted by CREA (Centro di Ricerca Politiche e Bioeconomia) and by Agricultural Policies Ministry, in collaboration with the LIFE National Contact Point of Environment Ministry. The workshop was finalized to promote the collaboration between RRN and LIFE Programme beneficiaries, exchanging experiences, transferring best practices and innovative solutions for environment and climate preservation.



*The workshop about rural development policies and LIFE Programme*

- **A seminar about the use of poultry waste in biogas and biomethane plants**, on March 29<sup>th</sup>, at Fieravicola in Forlì: the aim of the meeting was to study the possibility of using the agricultural waste and rural by-products, i.e. poultry manure, as raw material, with particular reference to their use in biogas and biomethane plants. Interesting topics regarding legislation and authorization processes for the use of these materials have been discussed during the event, and some plant solutions for poultry manure treatment have been shown.

Furthermore, in progress **contacts and meetings** with some breeders, also with visits at the working prototype plant, to confirm the increasing interest in the CHIMERA project.



*The meeting of the CHIMERA team with Prof. Giuseppe Uberti (CHIMERA EUAB member) and the farmer Mr. Emilio Nicoletti*

## Socio-economic impact

### Participate to the survey



The data collection for the analysis of the CHIMERA socio-economic impact is going on: everybody may contribute to this important activity, filling in the [on line survey](#). Data are gathered in anonymous and confidential form; all of the information will be treated and evaluated just for statistics purposes.

Keep on following us and stay tuned for the forward steps about CHIMERA!

<https://www.life-chimera.eu>

Find out more information in [NEWS](#)

CHIMERA is a [LIFE](#) project



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LIFE CHIMERA - CHICKENS MANURE  
EXPLOITATION AND REVALUATION"  
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