



Newsletter n.4 - December 2018



## CHIMERA @ECOMONDO

On November 7 and 8, 3P Engineering took part to Ecomondo in Rimini, the leading faire for circular economy solutions in Europe

**EASME** – the European Agency for Small and Medium-sized Enterprises – gave us the possibility to showcase CHIMERA project in their booth right at the entrance of the faire. We have been there on November 7, from 13:30 to 18, exposing leaflets while a laptop was displaying the CHIMERA video done for the Clean Air Forum on shuffle.

That has been a great occasion for visibility. We received many visits from interested stakeholders -- companies and representatives of Universities – and collected very good contacts.

Also, one of the members of our External Users' Advisory Board, Alice Dall'Ara - researcher at ENEA, came to visit us at our stand.



We were among the 38 European projects considered the best in the Circular Economy domain.

On the next day, November 8, 3P Engineering took part to two different conferences. In the morning, at the poster session of the Conference “**Towards circular economy of phosphorus and other nutrients**”, kindly invited by the "Università Politecnica delle Marche" that was leading the activity. This was a very important event gathering a large amount of experts from all over Europe that work to promote sustainable management of this critical raw material – the phosphorous – which is a non-renewable resource, non-substitutable for food production, essential for agriculture and directly linked to food security.

Europe is severely dependent on extra-EU mines and the most important use of imported phosphorus in Europe is for mineral fertilizers. Recovery from municipal wastewater (sewage sludge), animal manure and other biowaste sources could cover most of the EU demand. 3P Engineering showed how the CHIMERA solution covers a crucial role within the biowaste industry and the reuse of phosphorous, together with nitrogen and potassium, to create a fertilizer.



In the afternoon, Rosalino Usci, "Dissemination and EUAB Manager" of the CHIMERA project and CEO of 3P Engineering with Michele Marcantoni, "Project Coordinator" of CHIMERA, intervened as speaker at the Conference on **"The effects of Industrial Symbiosis on Productive and Territorial Systems"**.

Industrial Symbiosis in CHIMERA stands in the crossroad of two different Industries and value-chains: poultry farming and fertilizers' production. The aim is, indeed, reusing the byproduct of biomass combustion (manure) making it a secondary raw material for a complementary chemical industry (fertilizer).

Mr Usci explained how CHIMERA works, making direct links to the results obtained with the tests on prototypes. He underlined the value added compared to existing solutions (no stock; no transport cost; no disposal; «in farm» valorisation, thus allowing production of energy and fertilizer), together with its positioning on the market and economic viability, referring to a target size farm of 250000 heads per year that would lead to a ROI of 7 years based on the last estimates.



At the end of the second day, 3P Engineering also had the opportunity to meet CHIMERA Project Officer in Brussels, Mr Mario Lionetti.



What did we bring home? A good feeling that the hard work we are doing is worth and the recognition of CHIMERA as an outstanding EU project in the international community.

So... do not stop reading us and stay tuned for the next updates!

**For now... all the **CHIMERA Team** wishes you  
Merry Christmas and Happy New Year!**



**See you in 2019! A great challenge is ahead of us for next year: the real scale pilot plant to be built in the farm of our project partner Renders&Renders.**

You will find more information on the **NEWS section** of our website.

**[Check our photogallery](#) for pictures!**

CHIMERA is a [LIFE](#) project

LIFE CHIMERA - CHICKENS Manure  
Exploitation and RevAluation"  
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