



WHERE ARE WE AT?



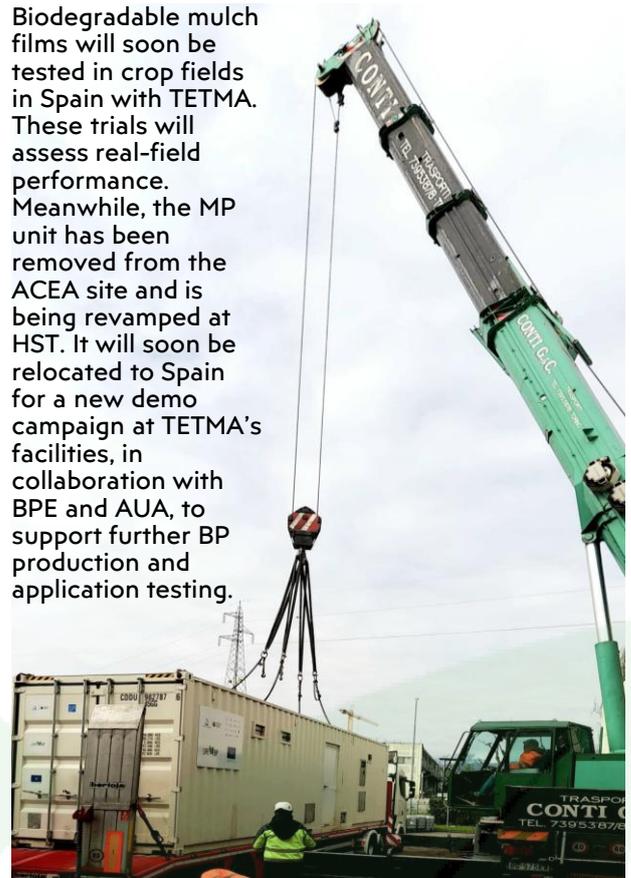
Promising BPs from the MP used in mulch films and car wash surfactants.

Good mechanics in films; biodegradation tests and field trials planned for crop yield studies.

Further BP improvements needed, especially on colour, for wider application in surfactants.

THE NEXT STEPS

Biodegradable mulch films will soon be tested in crop fields in Spain with TETMA. These trials will assess real-field performance. Meanwhile, the MP unit has been removed from the ACEA site and is being revamped at HST. It will soon be relocated to Spain for a new demo campaign at TETMA's facilities, in collaboration with BPE and AUA, to support further BP production and application testing.



THE PLUS OF BPs AS FERTILIZERS IN AGRICULTURE



Bioproducts (BPs) allow up to 40% reduction in mineral fertilizers without yield loss, improve nitrogen use efficiency, enhance soil microbial activity, and maintain or improve fruit quality. They also offer resilience to stress and support circular economy by recycling organic waste. BPs are a sustainable alternative for modern, low-impact agriculture.

EVENTS & DISSEMINATION



The Project was presented in the 12th International Conference on Sustainable Solid Waste Management held in Paphos, Cyprus, from June 25th to 28th.

HYSYTECH presented the BPs production technology potential, including economic and business insights.

On the other hand, CUT presented a poster related to the application of municipal biowaste-derived products for the peat cultivation of spearmint.

The consortium will organize two events in the near future to disseminate the project results and engage stakeholders from Spain and Greece, in Valencia and Athens, respectively.

For more information on the project, follow us on LinkedIn and visit www.lifeebp.eu/page/homepage.

THE PROJECT PARTNERS CORNER

JOSE LUIS DIÉGUEZ GARCÍA
TÉCNICAS Y TRATAMIENTOS MEDIOAMBIENTALES



What's the role of TETMA in the project?

We are involved in the operation of the prototype develop during the project, in order to obtain high added-value products from the compost and the organic material.

Why is LIFE EBP an interesting initiative for your company?

LIFE EBP solutions are really relevant for us because of its organic valorisation. Compost has not a high value so from a circular economy mindset it would be really important to have a process which could be able to valorise it in order to obtain a high added-value for industry or farmers.

Which future prospects can arise from the project?

We think the project could be a really commercial solution. It could be easy to transport the prototype to be close to where the compost is, in order also to provide these kinds of products, after the prototype implementation, to the local farmers or to the local industry.

HYSYTECH

HYSYTECH is an engineering company founded in 2003, specialized in the design, development and industrial implementation of new turn-key process technologies and equipment. HYSYTECH's skills start from the know-how in chemical and process engineering, up to commissioning, monitoring and maintenance.

Hysytech is the coordinating beneficiary of the LIFE EBP project and the developer of the multistep process included into the prototype for the production of the biopolymers.

