



## WHERE ARE WE AT?



The project is entering in the last 6 months of duration, with very important activities being closed now. The prototype is being commissioned in Spain for the new production campaign

to be carried out by TETMA in collaboration with BPE. The product obtained and validated in the first production campaigns was registered in Italy by ACEA.

## THE NEXT STEPS

The MP prototype will be used in the next 3 months to produce BPs from compost in Spain. The prototype will be tested with the new modifications, which will enable better fluid dynamics that reduce maintenance interventions. AUA, CUT, BPE and TETMA

will work on BP registration also in Greece, Cyprus and Spain. The LCA will be completed with the latest outcomes from economic and environmental assessment, including the BP use in agriculture, surfactants, and bioplastics.



## REGISTRATION & CONSUMERS ACCEPTANCE



The project analyzed EU and national regulatory requirements to verify compliance of new bio-based products produced from municipal bio-waste, suggesting an update of EU legislation, such as the FPR, to include multifunctional bio-based products such as "Florasol CVD" (successfully registered in the category "Humic extract" in accordance with the Italian legislation).

In parallel, surveys on end-users and producers were carried out, showing, in general, a wide acceptance of bio-based products, with a WTP driven by perceived health benefits and low risk perception. Acceptance of circular fertilisers depends in particular on psychological factors, including climate concern and neophobia.

*Unitelma Sapienza - Rome*

## EVENTS & DISSEMINATION



The project was recently showcased in Spain and Greece through two parallel workshops that brought together a diverse group of local stakeholders, including farmers, research centers, universities, companies, and policy makers. More than 60 participants attended the events, which featured lively networking sessions and constructive discussions.

CUT also presented the effect of BP on tomato cultivation in an oral presentation at the 1st Euvin Vegetable Conference held online the last 5-8 November 2025, in Iasi, Romania. Together, attendees identified key opportunities and barriers relevant to the project's goals.

A final workshop will take place in Cyprus at the end of the project, where the technology will again be demonstrated to local stakeholders.

For more info: [www.lifeebp.eu](http://www.lifeebp.eu) \ LinkedIn page.

## THE PROJECT PARTNERS CORNER

**JOSÉ MARIA GOMÉZ**  
BIOMASA PENINSULAR



### What's the role of BPE in the project?

Our role is to perform agronomic trials in Spain, with the aim of determining the agronomic effects in soil and crops of the Hydrolyisates as experimental fertilizers in comparison to mineral fertilization. BIOMASA also cooperates in the legal assessment of the project, together with UNITELMA SAPIENZA, for the intended registration of Hydrolyisates at the Spanish Fertilisers Registry.

### Why is LIFE EBP an interesting initiative for your company?

BPE sees the development of the "alkaline hydrolysis" technology as an excellent opportunity. This is an innovative treatment system for clean biowaste, whenever the scale up of the prototype is done in the upcoming years.

### Which future prospects can arise from the project?

Further to the use of this new technology as a biowaste treatment system, it could also be very interesting to develop the mass production of bio-based fertilizers as humic-fulvic extracts. In this way we can diversify the outputs, like compost or digestate, into more valuable components for bio-based fertilisers.

## 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.

