# ECOFRIENDLY MULTIPURPOSE BIOBASED PRODUCTS FROM MUNICIPAL WASTE



Before burning everything up, consider saving what is valuable: municipal biowaste contains valuable organic matter and the real waste is dismissing to landfills or burning it



# BIOWASTE

The estimated European production of **municipal** biowaste ranges around 100 million tons per year. The two major streams of this waste are: - park & garden - kitchen waste



### WATER

Municipal organic waste contains **50-80% of water**. This water, due to the destination of this type of waste and the treatments currently in use, is mostly dissipated.



# LANDFILL

The most common destination for municipal biowaste is **landfilling** or, alternatively, **incineration**, tue to the limitations of current treatment technologies.



#### SUSTAINABLE

With the **LIFE EBP** process it is possible to **reduce** the production of **ammoniaca** (-100%) and **CO2** (-20%), **recover water**, **eliminate** the **inceneration** or **landfill** of **municipal biowaste**.



#### BUSINESS

Municipal organic waste can be used to produce new bio-products capable of stimulating the development of a green economy, in accordance with the paradigm of the circular economy.



## POLICY

LIFE EBP aims to stimulate communities, municipalities and private investors to implement specific environmental EU policies and to update legislation in this field.



LIFE EBP is realised by Hysytech, Acea Pinerolese industriale, Allegrini, Agricultural University of Athens, Societe D'extrusion Du Polyethylene A.Barbier, Biomasa Peninsular, Castellón City Council, Cyprus University of Technology, POOL.ITI, Sewerage Board of Limassol – Amathus, Técnicas y Tratamientos Medioambientales, Università degli Studi di Catania, Università degli Studi di Roma Unitelma Sapienza, Università degli Studi di Torino and Municipality of Vrilissia, with the contribution of the LIFE Programme of the European Union.