



LIFE19 ENV/IT/000004

LIFE EBP

LIFE EBP addresses environmental problems in municipal biowaste management, agricultural and chemical industry by proving feasible production and use of new biobased products (BPs) obtained from this type of waste. Every year, 100 million tonnes of biowaste are produced in Europe.

Objective of **LIFE EBP** project is to demonstrate the environmental, economic and social benefits of bioproducts in the sectors of municipal biowaste management, agriculture, and chemical industry in 5 European countries (Cyprus, France, Greece, Italy and Spain) taken as case studies, by:

- replicating BPs production process in real operational condition using municipal biowaste as feedstock;
- validating BPs performance as soil fertilizers, plant biostimulants/anti-pathogen agents, biopolymers to make plastics, surfactants to make detergents;
- confirming BPs compliance with EU regulation;
- assessing BPs marketability.

Moreover, **LIFE EBP** project aims to establish joint ventures among stakeholders in the sectors of waste management, agriculture and chemical industry and promote industrialisation of BPs production and uses in all EU countries.

Expected benefits from **LIFE EBP** are:

- improve economy of municipal biowaste treatment plants,
- dismiss municipal biowaste landfill and incineration,
- lower GHC and dust emission, and leaching of noxious substances to soil and ground water,
- reduce tipping fee and tax burden on citizens,
- create new jobs,
- improve farm practices and agriculture policy related to fertilizers' use,
- decrease consumption of mineral fertilizers and dependence from non-EU countries,
- decrease depletion of fossil sources, (ix) assess technology social acceptance,
- contribute to update EU legislation.

