

LIFE BIOBEST

Project presentation

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ORGANIC MATTER, A CROSS-CUTTING RESOURCE



UN 2030 Agenda for SDG
European Green Deal
Zero Pollution Action Plan
Bioeconomy Strategy

Renewable Energy Directive
REPowerEU

Biodiversity Strategy
Nature Restoration Law

Sewage Sludge Directive
Animal By-products Regulation

Farm to Fork Strategy
Soil Strategy - Soil Health
Law Nutrient Action Plan

Industrial Emissions
Directive- Treatment Facilities
Waste Incineration Directive

Communication on Sustainable
Carbon Cycles- Carbon Farming
Organic
Farming and Agriculture

Waste Framework Directive
Food Losses & Food Waste
Actions
Packaging Directive (bio-
base/compostable plastics)
Landfill Directive

Fertilising Product Regulation
Replace Non-renewable Growing
Media (such as extracted peat)



Origin of the project: LIFE BIOBEST & Soil

- **A soil focused project from its genesis**
- **Closing the organic matter cycle (close the nutrient and carbon circle) with high quality compost to improve soils and agricultural production**
- **High quality compost coming from high quantity and quality bio-waste collected and treated**





Guiding the mainstreaming of best biowaste recycling practices in Europe

2,5-year project, start date 1/1/23

CALL LIFE 2021-PREP-NATURA NATURE AND BIODIVERSITY



**Co-funded by
the European Union**

**LIFE Preparatory Projects - Projects addressing ad hoc
Legislative and Policy Priorities (PLP)**

**Preparing the basis for EU guidance and
standardization on closing the gap in the
biological cycle to enrich soils with high quality
compost from collected organic waste in support
of nature and biodiversity**

LIFE BIOBEST CONSORTIUM



[Fundació ENT](#)



[ECN](#) (European Compost Network)



ACR+

[ACR+](#) (Association of cities and Regions)



[CIC](#) (Italian Composting and Biogas Association)



[ZWE](#) (Zero Waste Europe)

LIFE BIOBEST Main goals

Identification and validation of the current Best Practices (BP) and management instruments along the biowaste management chain (from generation to treatment) that bring about the production of quality compost and digestate and **establish series of reference Key Performing Indicators (KPI)**, based on the analysis of existing databases and experiences.

Interconnected co-creation meetings, working groups and networking activities with relevant experts and stakeholders of the sector **to validate the project outputs and provide solutions and strategies to overcome** the identified technical, regulatory, economic and environmental **barriers to widely adopt the proposed BPs.**

Comprehensive EU-wide guide, together with two decision-support tree guides for local and regional authorities to adapt biowaste management models to their specific context, offering **feasible BPs and management instruments to promote efficient collection** and subsequent recycling of (low impurities) biowaste into high quality compost and digestate.

Proposal for premium **European standards for biological waste entering composting and anaerobic digestion to promote the certification of these materials and treatments**, guaranteeing optimal management processes and a safe return to the soil.

BIOBEST Main positive impacts



Availability of consolidated, structured and validated know-how and strategies for effectively closing the biological cycle & data management methodology



Reinforcement of the awareness and empowerment of target stakeholders to promote and implement BPs and instruments



Relevant contributions to strengthen the policy framework, regulations and certifications related to biowaste



Significant improvement of the collection and treatment systems, and consequently of the quantity and purity of the input material



More treatment efficiency and reduction of the process losses favoring the conversion of biowaste into high-quality compost and digestate



Other collateral positive cross-cutting impacts. Specifically closing the loop of organic matter, guaranteeing a safe return to the soil while minimizing any negative effect



BIOBEST Results

- Front-runner and best practices factsheets
- Guideline on separate collection
- Guideline on governance and economic incentives
- Guideline to promote quality compost and digestate
- Two decision support trees (one for local and one for regional authorities)
- Policy brief on regulatory and other barriers
- BIOBEST Decision Support Web Tool
- Standards for biowaste entering organic recycling processes
- Comprehensive EU guidance for regional and local administrations

LIFE BIOBEST Network



LIFE BIOBEST Consortium Current Network

LIFE BIOBEST Supporting Stakeholders

Networking, Co-creation, Working Groups, Mirror Groups, Front-runners Interaction

Dissemination & Communication: Capacity Building Events, Events with Cities Implanting Biowaste, Webinars Presenting BPs, Project Final Event, Social Media, Web, etc.

Participation in External Policy Events, Conferences, Networking with Related Projects or Initiatives

Your support is important for the project

- Sharing data on biowaste management
- Sharing best practices or front-runner experiences
- Participating in BIOBEST co-creation events, working groups, networking activities, etc.
- Attending BIOBEST conferences and general events
- Taking part in BIOBEST Network: [Stakeholder Survey](#)





The benefits you will get

- Disseminate your experience and best practices
- Learn about efficient biowaste management
- Learn about best practices and front-runners
- Exchange key information and knowledge
- Connect to other stakeholders and entities
- Get support from BIOBEST experts
- Benefit from the project guidelines, reports and tools

Thank you!

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