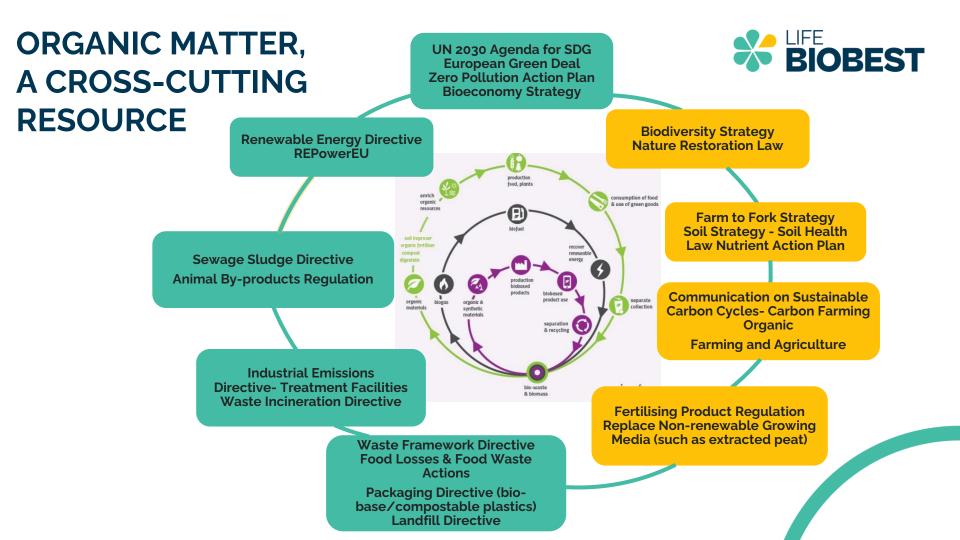




LIFE BIOBEST

Project presentation









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)



<u>ACR+</u> (Association of cities and Regions)



<u>CIC</u> (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 cocreation 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 EUwide guide, together with two decisionsupport 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 knowhow 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 crosscutting 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 frontrunner experiences
- Participating in BIOBEST cocreation events, working groups, networking activities, etc.
- Attending BIOBEST conferences and general events
- Taking part in BIOBEST Network: <u>Stakeholder Survey</u>



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!

LIFE21-PRE-ES-LIFE BIOBEST - 101086420.

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