

THE BIOSOLIDS OBSERVATORY PROJECT ZERO PM WORKSHOP



EFAR : SUSTAINABLE FERTILISERS SPECIALISTS

EFAR (European Federation for Agricultural Recycling) is a non profit association representing european companies specialised in the **treatment** and **land application** of Biosolids and other Biodegradable waste.

EFAR IN FIGURES



19 members.



8 EU countries represented.



4 million tonnes of Biosolids recovered.



130 treatment sites.



15 000 farmers in partnership with.

Biosolids Observatory Project

- **Context**

There is a need for **recent and robust Biosolids analysis data set** to feed **risk assessment studies** and the **discussions** that will inevitably arise on the **contaminant topic** in the event of a **revision of the sludge directive**.

Purpose of setting up a Pan European Biosolids Observatory is to **collect, package, transport and analyse representative sludge samples** coming from a significant number of sewage treatment plants located in different EU countries.

Biosolids Observatory Project

- **Participants**

Public or private entities in charge of wastewater treatment or **companies specialising in the treatment and recovery of Biosolids.**

Participants have the possibility to **ask for the confidentiality** of their participation in the sampling campaign.

Biosolids Observatory Project

- **Steering committee**



Biosolids Observatory Project

- **The steering committee approves:**



The **list of contaminants to be tested** on the basis of scientific publication review.



The **content of the information brochure** which will explain the purpose and operating conditions of the Observatory.



The choice of a **partnering laboratory**.



The **sampling procedure**.



The **results presentation report** and the conditions for its publication.

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- **Parameters tested**



Basic package : Nutrients, Inorganic contaminants, PAH, PFAS, PBDE, NP and NPE, Organotins, Chlorobenzenes, Chlorophenols, Pharmaceuticals.



Additional package 1: Bisphenols, PCB, Miscellaneous compounds (31) mostly used as solvents.



Additional package 2: Phthalates, Dioxins and Furans, PCN, Siloxanes, Chloroalkanes.

Biosolids Observatory Project

- **Budget**

Participants are asked to pay directly the lab on the following basis:



Basic package : 1250 €.



Additional package 1: 225 €



Additional package 2: 645 €



Shipment costs: 135 €

Biosolids Observatory Project

- **Time frame**



01/2025: Official launching of the Biosolids Observatory.



03/2025 to 11/2025: Sampling campaign.



05/2025 to 12/2025: Production of analysis reports.



04/2026: Final report.

BIOSOLIDS OBSERVATORY PROJECT

- **Participation follow up**



27 entities have registered to participate in the Biosolids Observatory Project and to provide **30 samples**.



26 Biosolids samples received by now.



24 samples come from WWTP, 5 from SSTP, 1 from dry toilet material subject to composting.

BIOSOLIDS OBSERVATORY PROJECT

- **Participation follow up**



Italy : 10.



Spain : 7.



Sweden : 4.



Slovenia, Germany : 2



Greece, France, Austria, Latvia, Portugal : 1.

Biosolids Observatory Project

- Interested to stay informed or to participate in the project ?

Drop an email with your contact details to:

biosolidsobservatory@gmail.com

THANKS FOR YOUR ATTENTION