

## GBEP WEBINAR SERIES 2023

# Co-benefits of biogas and biomethane

## Digestate: a nature-based solution to optimize the water-energy-food nexus in agrifood systems

 **Thursday 27 April 2023**

 **15:00-16:15 CEST (UTC+2)**

[Register here](#)

### Overview

Digestate, the by-product of anaerobic digestion, can be used as an organic fertiliser or as components of soilless substrates; this can promote soil fertility, increasing crop yields and ultimately improving livelihoods. Not only does this enhance the circularity of the system but can also improve the economic viability of biogas projects.

This webinar will explore two country case studies on the use of digestate, to deepen knowledge and enhance regional exchange on this topic.

The webinar is hosted by the Global Bioenergy Partnership (GBEP) as part of the Scope of Work of Activity Group 7, under the thematic area of 'Biogas'. More information and other webinars on this theme can be found on the [GBEP website](#).

### Agenda

15:00 – 15:05	Brief introduction to webinar and speakers	<i>Tiziana Pirelli, GBEP Secretariat</i>
15:05 – 15:25	Digestate production and fertirrigation distribution: the proficuous recycle of water and nutrients through anaerobic digestion of agrifood waste – an Italian case study	<i>Edoardo Bonaccorsi and Roberta Selvaggi, Società Agricola Assoro Biometano and Maria Valentina Lasorella, CREA Center for Agricultural Policy and Bioeconomy</i>
15:25 – 15:45	High solids and wet anaerobic digestion potential for the treatment of the organic fraction of municipal solid waste: A Case study in Brazil	<i>Dr. Rodolfo Silva, University of São Paulo</i>
15:45 – 16:15	Q&A and exchange of lessons learned	<i>Constance Miller, GBEP Secretariat</i>



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