

From sewage plants to biofactories: the potential of water in the circular economy

Broadcast via Zoom with simultaneous translation into English.

PROGRAMME

27th JAN.

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organised by:  

10.00-10.10 Opening of the event

10.10-11.10 Part I: Past, present and future of biofactories

- Commitment to the biofactories model at the Agbar group: success stories and future prospects: *Javier Santos*, Director of Water Treatment and Circular Economy at Agbar.
- Valorisation of organic material in the form of volatile fatty acids: *Marta Carballa*, Associate Professor, *CRETUS Group of Environmental Biotechnology*.
- Valorisation of nutrients in the form of smart fertilisers. Walnut Project. *Francisco Corona*, Researcher at the *CARTIF Technology Centre*.

11.10-12.10 Part II: Legislative barriers/transfer for the implementation of biofactories

- The circular economy to increase the efficiency of organisations: *Pedro Fernandes*, certifier at *APCER*.
- Bioeconomy in the Galician circular economy strategy: *Miguel Rodríguez Méndez*, *GEN* and *ECOBAS* research groups, *University of Vigo*.
- From I+D+I to the market, transfer barriers: *Noelia Vilar*, Technology Transfer Manager, *FEUGA*.

12.10-12.30 Coffee break

12.30-13.30 Part III: Final users of by-products from biofactories

- Decarbonisation and the circular economy at Repsol: possible connections with wastewater treatment plants: *Enrique Espí Guzmán*, Technical Advisor, *Repsol Technology Lab*.
- Feasibility of the use of alternative fertilisers. *Francisca Galindo Paniagua*, Technical Director, *Grupo Fertiberia*.
- Valorisation of sewage sludge through its transformation into artificial substrates for use in agriculture, forestry and the restoration of environmentally degraded areas. *Carlos Piedra Luis-Yagüe*, Director and Development Director of the *VALORA* group.

13.30-14.00 Round table:

moderated by *Juan Lema*, Professor of Chemical Engineering at the University of Santiago de Compostela. Participants:

- *Celia Castro* (Cetaqua)
- *Enrique Espí Guzmán* (Repsol)
- *Jesús Díez* (FPNCyL)
- *Leticia Rodríguez* (Viaqua)
- *Francisca Galindo Paniagua* (Fertiberia)

14.00 Closing of the event.