

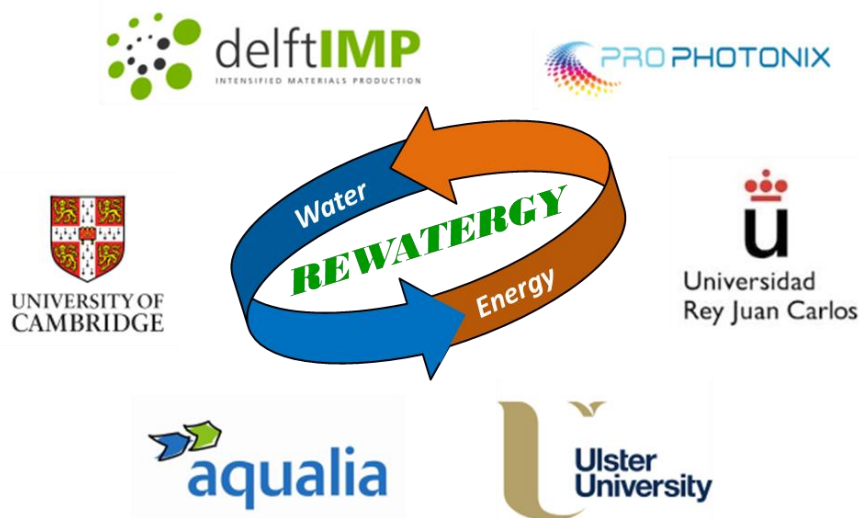
REWATERGY – Training event 7

Integral water cycle
management

Aqualia

Webinar

Date (9th and 10th November)



www.rewatergy.eu

AGENDA

DAY 1

- 9:00 – 9:10** Welcome & introduction (Victor Monsalvo, Head of Eco-efficiency Area)
- 9:10 – 10:50** Session I: Safe drinking water
- 9:10 – 9:30* Monitoring of microalgae in water reservoirs
Samuel Cires – Universidad Autónoma de Madrid
 - 9:30 – 9:50* Advanced oxidation of cyanotoxins in drinking water
Macarena Muñoz – Universidad Autónoma de Madrid
 - 9:50 – 10:10* Pre-treatment in drinking water treatment
Naiara Hernández – Aqualia
 - 10:10 – 10:30* New insights and technologies in water quality monitoring
Luis Navarro - Hach
 - 10:30 – 10:50* Questions and answers
- 10:50 – 11:10** Break
- 11:10 – 12:10** Session II: Sea and brackish water
- 11:10 – 11:30* Innovative concepts in water desalination
Juan Arevalo – Aqualia
 - 11:30 – 11:50* Brine valorization at SWTPs
Fany Bautista– Aqualia
 - 11:50 – 12:10* Questions and answers

End of morning session

14:00 – 16:50 Session III: Wastewater treatment

- 14:00 – 14:20 **Valorisation of sludge at WWTPs**
Leticia Pereira – Aqualia
- 14:20 – 14:40 **Anaerobic treatment for organic matter and nitrogen removal**
José Vázquez-Padín – Aqualia
- 14:40 – 15:00 **From in- to extensive systems in small communities**
Raúl Cano – Aqualia
- 15:00 – 15:10 **Questions and answers**

Break (15:10 – 15:30)

- 15:30 – 15:50 **Energy savings by optimising OPEX at WWTPs**
Emérita Douglas – Aqualia
- 15:50 – 16:10 **A success story: Guijuelo biofactory**
Ángel Encinas – Aqualia
- 16:10 – 16:30 **Digital tools for optimization of reverse osmosis processes**
Mike Dixon - Synauta
- 16:30 – 16:50 **Questions and answers**

ROUTE TO CONNECT

[Link to Integral Water Cycle seminar day 1](#)

[Link to Integral Water Cycle day 2](#)

DAY 2

10:00 – 16:30 Session IV: Treatment of industrial wastewater

- 10:00 – 10:20 **Valorisation of lixiviates for biogas production**
Antonio Gimenez – Aqualia
- 10:20 – 10:40 **Creating renewable biofuel from wastewater**
Pilar Ícaran – Aqualia
- 10:40 – 11:00 **Questions and answers**

Break (11:00 – 11:20)

11:20 – 12:20 Session V: Digitalization in the water cycle

- 11:20 – 11:40 **Towards the water cycle digital transformation**
Camila Forero – Aqualia
- 11:40 – 12:00 **WWTP Lleida: a model to follow**
Maycoll Romero – Aqualia
- 12:00 – 12:20 **Questions and answers**

End of morning session

13:30 – 16:30 **Analysis of Case studies – Canvas tool (Antonio Menendez- Aqualia)**