

WEBINAR

FROM WASTE TO VALUE

HOW THE WASTEWATER TREATMENT SECTOR CAN CONTRIBUTE TO MITIGATING THE ENERGY CRISIS IN THE DANUBE REGION

11 May 2022, 13:30 – 14:45 (CEST)

Register now!

Target Audience:

Water policy makers and regulators, water utility managers, water sector professionals, researchers, interested stakeholders

Description:

The Danube Water Program “KnowNow” webinar series focuses on up-to-date topics relevant for the water sector in the Danube region. While the last webinar in this series has focused on the overall response of the water service sector to the recent increases in energy tariffs, this edition will primarily highlight approaches and measures in the wastewater treatment sector targeted at energy optimisation and energy production. Wastewater treatment is an essential public service that significantly contributes to energy use in the urban water cycle. The overall electricity use of Wastewater Treatment Plants (WWTP) in Europe was estimated at approx. 25,000 GWh/year, which is about 0.8% of the electricity consumption in the EU-28 (Source: [Ganora et al., 2019](#)). Consequently, energy neutral or even energy positive WWTP receive increasing attention not only in the context of rising energy tariffs, but also related to a climate neutral and energy secure water sector. The webinar will raise awareness and shed light on the benefits of energy optimisation and production in WWTP and highlight best practice examples.

Learning Objective:

The learning objective of this webinar is to increase the understanding and knowledge around the benefits of energy optimisation and production in the wastewater treatment sector and their relevance and implications for a sustainable

water service sector in the Danube region. During the webinar it will be possible to post questions to the panelists in order to deepen the understanding and to learn from the knowledge developed and experiences gained for potential follow-up action under individual specific circumstances.

Panelists:

- ▶ **Mr. Kris Welsien**, Senior Water Supply & Sanitation Specialist, Water, World Bank, US
- ▶ **Mr. Gerald Wandl**, Head of Operations, ebswien kläranlage & tierservice Ges.m.b.H, Austria
- ▶ **Ms. Frosela Filo**, Head of Finance and Account Department, Korca Water Supply and Sanitation JSC, Albania

Moderator:

Mr. Lyubomir Filipov, Strategic Partnerships and Projects Director, Sofia Water, Bulgaria

Agenda:

- 13:30 - 13:35:** Welcome and introduction
- 13:35 - 13:50:** **How the wastewater treatment sector can contribute to mitigating the energy crisis in the Danube region**, Kris Welsien, Senior Water Supply & Sanitation Specialist, Water, World Bank, US
- 13:50 - 14:10:** Reactions from Panelists
- 14:10 - 14:40:** Moderated discussion including questions from the audience
- 14:40 - 14:45:** Wrap-up and closing of the webinar