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Interreg
Baltic Sea Region

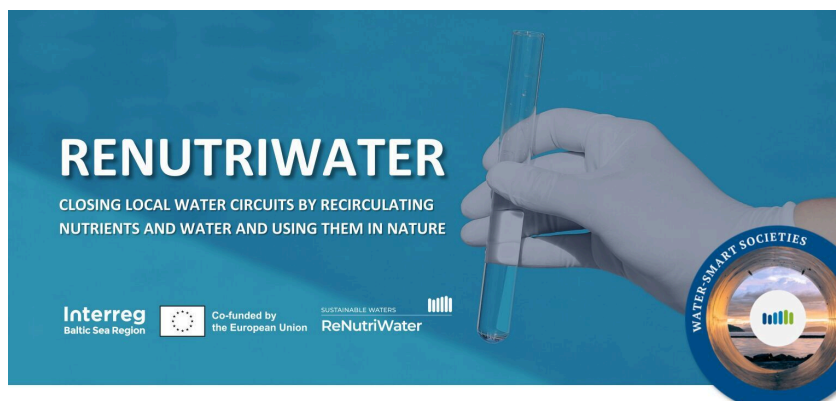


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SUSTAINABLE WATERS



ReNutriWater



EXTERNAL NEWSLETTER NUMBER 5

Content

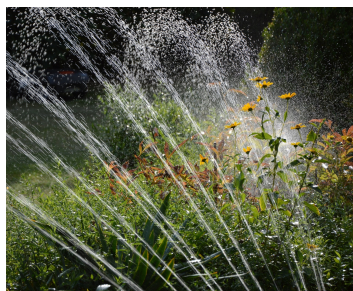
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Greetings from the Project Leader

Our joint ReNutriWater project is coming to an end. Looking back over the past years, it's hard to believe how much we've achieved together.

We tested several water recovery and reuse configurations to evaluate the effectiveness of disinfection and irrigation for green areas and greenhouse plants.

The experiences are described in the Handbook. We also developed an IT tool that can be used by any municipality to assess its own recovery potential. We developed business models that can inspire wastewater treatment plant operators to develop their individual solutions. All products can be found on the project website.



This success would not have happened without the team of partners, their knowledge, energy, warmth, and extraordinary commitment. It is thanks to this team that we were able to achieve our ambitious goals and create something that truly contributes to the health of water management in the Baltic Sea Region.

I would like to thank everyone for their cooperation, their willingness to act even in the most difficult moments, and for organizing meetings in various locations. We have created a true European project family. And speaking of family, four little Europeans were born during our project! It's a beautiful symbol that our work is not just about technology and science, but also about people and their stories, which intertwine in many ways.

Let ReNutriWater inspire future equally ambitious projects.

– Klara Ramm, ReNutriWater Project Leader, Chamber of Economy Polish Waterworks

[Visit ReNutriWater Website](#)

Project Partners



Join Us for the Final ReNutriWater Webinar!

Water Reuse and Nutrient Recovery
— *Results from ReNutriWater* will take place on **3 December at 10:00 CET**, and it's open to everyone. Hear directly from the project's experts as they share innovative solutions for water reuse and nutrient recovery that support a more circular water economy.

The webinar will present key outcomes from pilot activities, user experiences, and research insights. We'll explore business opportunities, showcase the new WaterSafe IT-Tool, and share insights from the Mentoring Programme.

Participants can submit questions via the live Q&A.

Don't miss out — register today on the event page!

[Register here](#)

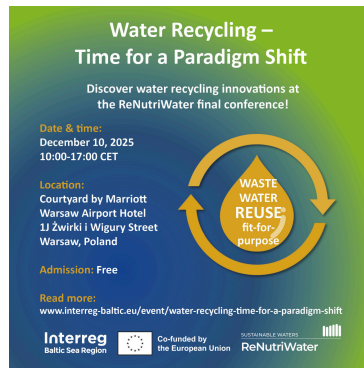
Water Reuse and Nutrient Recovery
— **Results from ReNutriWater**
3 December 2025 10:00-11:30 CET
Join the final **WEBINAR** of the ReNutriWater project!

WHAT

- Insights in wastewater reuse & nutrient recovery
- Key pilot results & user experiences
- Business opportunities & WaterSafe IT-Tool
- Stakeholder engagement learnings
- Live Q&A with project experts

REGISTRATION Read more and register for the event here: www.interreg-baltic.eu/project/renutriwater

Water Recycling – Time for a Paradigm Shift



Join our free international conference on 10 December at the **Courtyard by Marriott Warsaw Airport Hotel, Poland.**

Discover how the ReNutriWater project is redefining water recovery from wastewater and how modern technologies can turn it into a valuable resource in response to the growing global water crisis.

Hear the latest findings from pilot sites across the Baltic Sea Region, explore practical solutions for water reuse, and engage with experts shaping the future of sustainable water management.

Why join?

- Fresh insights from real-world ReNutriWater cases
- Innovative technologies for water recovery and reuse
- Policy, technology, and awareness discussions with leading experts

Be part of the shift toward a more sustainable water future — don't miss out!

See the agenda and register here:

[Event page](#)

Handbook Highlights the Untapped Potential of Water Reuse

Water scarcity and climate change call for smarter ways to use and reuse water. The ReNutriWater Handbook on Water Reuse offers practical strategies, best practices, and innovative tools to support sustainable water management in the Baltic Sea Region and beyond.

Drawing on hands-on experience from pilot projects, the Handbook covers legal frameworks, disinfection methods, nutrient recovery, greenhouse applications, and introduces the WaterSafe Tool to guide optimal water treatment choices. It also provides guidance on risk assessment, sustainable business models, and stakeholder engagement.



Access the full handbook and explore practical solutions for water reuse here:

[ReNutriWater Handbook](#)

How to Use the WaterSafe Tool

The WaterSafe Tool helps companies in the water and wastewater sector reduce energy, material, and water costs through smarter water recovery. It has two main functions: providing a knowledge base and assisting wastewater treatment plant operators in selecting the most suitable water recovery technologies.

By entering wastewater parameters, the tool calculates the optimal reuse options for reclaimed water and recommends appropriate treatment methods, considering technological, environmental, and economic factors.

To make it even easier to get started, ReNutriWater has produced a short step-by-step tutorial video. Watch it and learn how to use the WaterSafe Tool effectively:

[WaterSafe tutorial](#)



ReNutriWater Mentoring Programme: Learning, Sharing, Inspiring

The ReNutriWater Mentoring Programme brought together water professionals across Europe, offering guidance, hands-on knowledge, and a unique international network. Participants were paired with experienced mentors to explore practical solutions for water reuse, develop sustainable business models, and implement innovative approaches in their organisations.

To capture programme insights, a few mentees were interviewed. They highlighted the programme's openness and collaborative spirit as most valuable. Sharing ideas, learning from existing installations, and exchanging experiences with specialists across Europe provided inspiration and concrete insights for local water recycling projects.

"The examples of existing installations were inspiring and allowed us to assess the scale of the project at our company." – Jacek Schubert , Head of

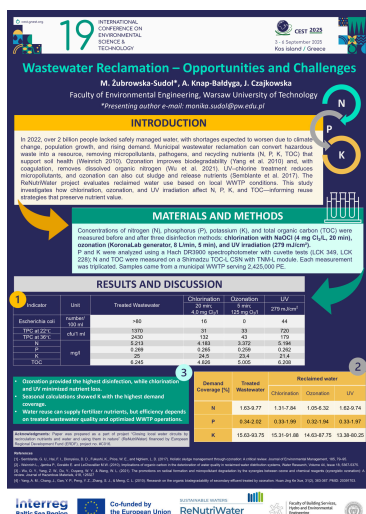
Investment Department, Municipal Service Company in Wolsztyn, Poland

The mentoring experience also supported professional growth and organisational development. Participants gained confidence in planning sustainable action plans, engaging stakeholders, and communicating technical and environmental concepts effectively. Memorable moments included engaging with mentors from different countries, participating in online trainings, and seeing firsthand how treated wastewater can be transformed into a valuable resource.

"One memorable moment was a discussion I had with another mentor, where we exchanged ideas and experiences about water reuse applications in different urban contexts. This dialogue helped me look at my own project from new perspectives and inspired me to refine my approach." – Zoula

Katerina, Reuse of Treated Wastewater for Cleaning the City Centre of Athens, Athens Water Supply and Sewerage Company Athens, Greece

Overall, the programme left a lasting impact, fostering knowledge exchange, practical skills, and international collaboration in sustainable water management.



From Waste to Value: Research on Wastewater Reuse

A new study from the **Warsaw University of Technology** highlights the potential of municipal wastewater reuse for both water and nutrient recovery. Presented at the *19th International Conference on Environmental Science and Technology (CEST 2025)*, the research demonstrates how disinfection methods like chlorination, ozonation, and UV irradiation can balance microbial safety with nutrient

preservation, supporting sustainable reuse for agriculture and local water cycles.

[Read more](#)

This article is just one of many research publications available on the **ReNutriWater** project website, providing essential scientific insights that complement the project's pilot results. Explore the full collection of studies on the project website by navigating to the **Solutions** tab.

[ReNutriWater website](#)

ReNutriWater Stakeholder Forum in Vilnius Highlights Circular Wastewater Reuse

On 10–11 September 2025, ReNutriWater gathered partners and stakeholders in Vilnius, Lithuania, for two days of collaboration on circular wastewater reuse. The event, hosted by the **National Regions' Development Agency (NRDA)**, combined cultural exploration of Vilnius Old Town with expert discussions at the National Museum of the Grand Duchy of Lithuania.



The Forum featured a keynote by **Pietro Francesco de Lotto** (EESC) on Europe's water resilience strategy and the urgent need for collaboration in water efficiency, reuse, and recycling. ReNutriWater experts and guest speakers shared insights on sustainable wastewater practices, technical innovation, and education for future water-conscious generations. Interreg projects, including **EMPEREST**, **TRUST ALUM**, and **LAKES GO DIGITAL**, highlighted regional cooperation and innovative solutions in water management.

Participants also visited the Vilnius wastewater treatment plant, currently the most modern facility in the Baltics, operated by *Vilniaus vandenys*. The forum and site visit provided an excellent opportunity for participants to be inspired and continue advancing sustainable water solutions together.

[Read more](#)



ReNutriWater Partner Highlights: Inspiring Water Reuse Across the Baltic Sea Region

As the ReNutriWater project approaches its end, we have been celebrating the amazing work of our project partners across the Baltic Sea Region. Over the past months, our LinkedIn Partner Highlight series has showcased how each partner has contributed to advancing sustainable water reuse, and highlighted their results and activities. From pioneering laboratory research to hands-on pilot implementations, and community engagement, these highlights summarize the key results of the project. Visit our LinkedIn page to explore the full series and learn more about each partner's achievements.

[Explore the ReNutriWater LinkedIn page](#)



ReNutriWater LinkedIn

Chlorination, ozonation, and UV radiation were tested for reclaimed water quality. Warsaw University of Technology demonstrated that ozonation and UV consistently achieve Class A water quality, while chlorination effectiveness varies with dosage. All methods preserved nutrient content, showing that reclaimed water can supplement nutrient supply efficiently.



Partner Highlights

Stakeholder engagement and awareness have grown significantly, highlighting their crucial role in advancing water reuse initiatives. The discussions and cooperation have opened space for further collaboration and exchange of experience, confirming the need to continue developing tools for stakeholder identification and effective communication.

[Read more](#)

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