



Improving quality of BSR waters by advanced treatment processes

AdvIQwater

Kick-off meeting

08/02/2023

MEETING AGENDA

1. Introduction of participants
2. Presentation of the AdvIQwater project
3. Autopresentation of partners:
 - Gdansk University of Technology, Poland
 - University of Tartu, Estonia
 - Aarhus University, Denmark
 - Polish Ecological Club Pomeranian Branch
4. Discussion about the project (methods of project implementation, methods of cooperation and involvement of partners and associated partners)
5. Wrap-up session - summaries / conclusions / plan for partners

Discussion

- Necessary adjustments regarding wastewater treatment technique and technology to meet growing environmental expectations and emission standards – proactive approach, **(reactive, proactive, predictive)**
- Prediction of water recovery and recirculation potential with respect to wastewater origin and treatment extent,
- Water management for onshore treatment plants discharging to marine waters,
- Discharge of micropollutants from wastewater treatment plants into marine aquatic environment.
- Where is the common ground?
- Research program for floating lab Photon

Final remarks

- Pro-active solutions for sustainable use of the advanced treatment technologies.
- Description of the key criteria with respect to local requirements related to the performance of wastewater treatments plants, involvement of local government.
- The importance of associated partners in decision making regarding treatment technology.
- Our approach is hybrid system: solar-driven photocatalysis (GdanskTech), fungal treatment (Tartu University), and biofilms (Aarhus University) will be tested to pilot to introduce practical and durable outputs and solutions for sustainable waters.
- Main features of the advanced solutions and implementation potential will be adressed.
- Demonstrations will provide an opportunity to recommend/implement these advanced systems by WWTPs.
- Experience and best practices will contribute to share network.

Interreg
Baltic Sea Region



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SUSTAINABLE WATERS

AdvIQwater

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