

Interreg
Baltic Sea Region



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SUSTAINABLE WATERS

AdvIQwater

Improving quality of BSR waters by advanced treatment processes

Seminar and Partners meeting

Gdańsk | 02.06.2023

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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
- 4. Discussion about the project**
- 5. Wrap-up session - summaries / conclusions / plan for partners**

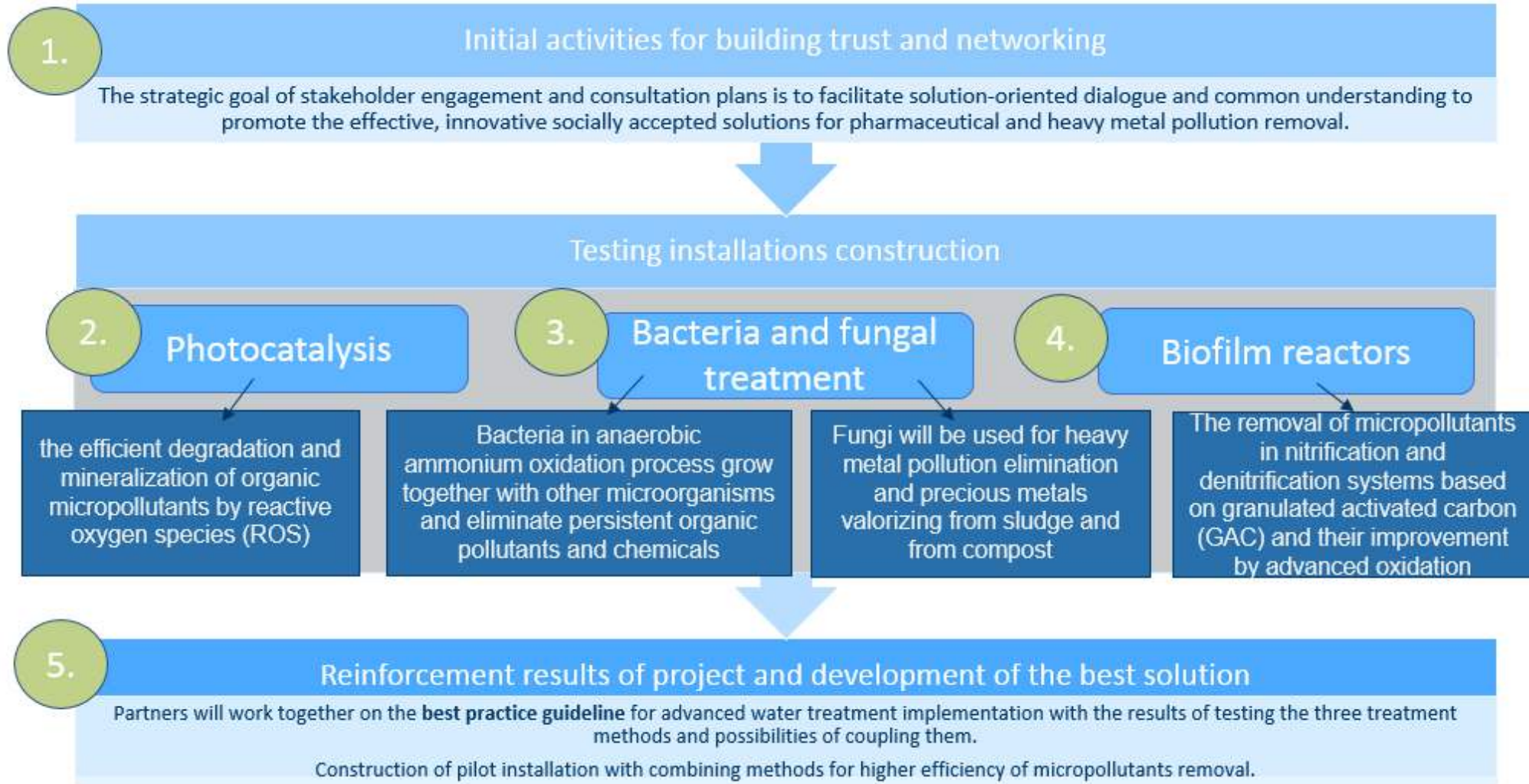
Outline of the major goals

- Pro-active solutions for sustainable waters.
- 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 be contributed to share network.

Work plan overview

WP1	Improving quality of BSR waters by treatment processes	From 06.2022 to 03.2023	From 04.2023 to 09.2023	From 10.2023 to 03.2024	From 04.2024 to 12.2024
A1.1.	Initial activities for building trust and networking				
A1.2.	Photocatalytic degradation of active pharmaceutical ingredients; testing installation construction				
A1.3.	Explore the possibilities of bacteria and fungal treatment testing installation construction				
A1.4.	Explore the possibilities of biofilm reactors to remove micropollutants, testing installation				
A1.5.	Reinforcement results of project and development of the best solution				
O1.5.	Combining advanced treatment methods, selection the most efficient, best practice guideline - output				

Steps towards improving quality of BSR waters by advanced treatment processes



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