

Solutions for circulation of nutrients: Sea and Land. Reducing nutrients in the Baltic Sea and inland waters?

Date: Thursday, 25 April 2024

Theme: Resource Circulation

Workshop Summary

The workshop "Solutions for Circulation of Nutrients: Sea and Land" was convened with the aim of tackling the pressing challenge of reducing nutrient levels in both the Baltic Sea and inland waters. Taking place in person at Hall 3 on the first day of the second mission Arena, this workshop served as a forum for participants to draw inspiration, deepen their understanding, and engage in meaningful discussions around innovative solutions.

A panel of eight speakers, comprising environmental strategists, project managers, and business developers, enriched the dialogue by sharing valuable insights and real-world experiences. Throughout the sessions, the speakers underscored the importance of adopting a holistic perspective on nutrient circulation, emphasizing the interconnectedness of various fields and the imperative of collective action towards a shared objective.

Central to the discourse were discussions on the multifaceted challenges posed by eutrophication, with particular emphasis on addressing the cycling probabilities of cyanobacteria in inland waters. Amidst these deliberations, several **key takeaways** and critical needs emerged:

- The imperative of developing and effectively communicating a holistic view of nutrient circulation, encompassing its environmental, social, and economic dimensions.
- The pressing need to address the cost-effectiveness of proposed solutions, ensuring their viability and sustainability over the long term.
- The urgency of harnessing new technologies and innovative approaches to enhance nutrient management and recycling practices.
- The necessity of advocating for longer funding models that provide stability and continuity to initiatives aimed at nutrient reduction and management.
- The importance of capacity-building efforts, including education and training programs, to empower stakeholders with the knowledge and skills required for effective nutrient management.

- The critical role of communication in articulating the benefits and importance of nutrient recycling to diverse stakeholders, fostering broader support and engagement in conservation efforts.

By collectively addressing these key takeaways and needs, participants sought to pave the way for more robust and effective strategies in combating nutrient pollution and promoting sustainable nutrient management practices in marine and inland water ecosystems.