

PLATFORM **BSR WATER**

FINAL CONFERENCE 15–16.9.2021

15 September | **10.00–15.00 EEST**

Facilitation: Agnieszka Ilola, Union of the Baltic Cities – Sustainable Cities Commission

Opening session **10.00–11.00 EEST**

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| 10.00 – 10.10 | Welcome by the hosting City of Turku
<i>Björn Grönholm, Director of Strategic projects, City of Turku</i> |
| 10.10 – 10.15 | Greetings from the European Commission
<i>Trudy Higgins, Directorate General for Environment
Marine Environment and Water Industry</i> |
| 10.15 – 10.20 | Greetings from the EUSBSR
<i>Anna Hernberg, PA Nutri, EU Strategy for the Baltic Sea Region</i> |
| 10.20 – 10.25 | Greeting from the Ministry of Natural Resources and Environment
of the Russian Federation
<i>Natalia Tretiakova, Department of the international cooperation</i> |
| 10.25 – 10.35 | Greetings from the Baltic Marine Environment Protection
Commission, Helsinki Commission – HELCOM
<i>Lotta Ruokanen, Professional Secretary, HELCOM</i> |
| 10.35 – 10.45 | BSR WATER project introduction
<i>Agnieszka Ilola, Project Coordinator, UBC Sustainable Cities Commission</i> |
| 10.45 – 11.00 | Interactive break |

Session 1

11.00–13.00 EEST

Shifting wastewater treatment to the resource recovery model

- Moderator:** Agnieszka Ilola, UBC Sustainable Cities Commission
- 11.00 – 11.05** **Introduction to the topic**
Anna Hernberg, PA Nutri, EU Strategy for the Baltic Sea Region
- 11.05 – 11.20** **Platform contribution to the development of the regional nutrient recycling policy**
Dmitry Frank-Kamenetsky, HELCOM
- 11.20 – 11.35** **Solutions for safe and sustainable nutrient recycling from wastewater**
Taavo Tenno, University of Tartu
- 11.35 – 11.50** **Recovering energy and other valuable compounds from wastewater**
Matthias Barjenbruch, Berlin University of Technology
- 11.50 – 12.05** **Experience in improving water management and resource-saving efficiency in SUE “Vodokanal of St.Petersburg”**
Dmitry Troshenko, SUE “Vodokanal of St.Petersburg”
- 12.05 – 12.20** **Present vs Future: traditional wastewater treatment plant or water resource recovery facility?**
Markus Raudkivi, University of Tartu
- 12.25 – 13.00** **PANEL DISCUSSION: HOW TO UNLOCK THE FULL POTENTIAL OF THE RESOURCE EFFICIENCY IN THE WASTEWATER TREATMENT**
- Panel moderator:** Dmitry Frank-Kamenetsky, Special Advisor, HELCOM
- Panellists:** Kati Blomberg (Helsinki Region Environmental Services Authority), Pim de Jager (AQUACARE), Lise Karstenskov Hughes (Aarhus Vand A/S), Jouko Tuomi (Turku Region Wastewater Ltd.), Pär Larshans (Ragn-Sells), Erkan Yalcin (TerraNova Energy GmbH)
- 13.00 – 14.00** **LUNCH BREAK AND NETWORKING**

Session 2

14.00–15.00 EEST

Virtual tours around the Baltic Sea

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| 14.00 – 14.05 | Introduction to the tours
<i>Agnieszka Ilola, UBC Sustainable Cities Commission</i> |
| 14.05 – 14.10 | International Clean Beach campaign for citizens, St. Petersburg
<i>State Company “Mineral”</i> |
| 14.10 – 14.20 | Green infrastructure-based stormwater solutions in Riga in dry weather and after a storm event
<i>Riga City Council</i> |
| 14.20 – 14.30 | Nature-based solutions for stormwater management in Gdansk
<i>Gdansk University of Technology</i> |
| 14.30 – 14.40 | Innovative technologies in nutrient recycling from Germany, Denmark and the Netherlands from BONUS RETURN project
<i>Swedish Environment Institute</i> |
| 14.40 – 14.45 | Flood prevention facility complex in St. Petersburg
<i>State Company “Mineral”</i> |
| 14.45 – 15.00 | Questions and answers |

16 September | **10.00–15.30 EEST**

Session 3

10.00–12.00 EEST

Hazardous substances in municipal and industrial stream

Moderator: Eva Iveroth, PA Hazards, EU Strategy for the Baltic Sea Region

10.00 – 10.10 **Introduction to the topic**
Eva Iveroth, PA Hazards, EU Strategy for the Baltic Sea Region

- 10.10 – 10.25** **Platform inputs to HELCOM action on micropollutants in effluent of wastewater treatment**
Dmitry Frank-Kamenetsky, HELCOM
- 10.25 – 10.35** **Policy recommendations and pilots on industrial wastewater treatment – BEST project results**
Anna Saarentaus, John Nurminen Foundation
Kajsa Rosqvist, City of Helsinki
- 10.35 – 10.45** **Removal of perfluorinated alkylated substances (PFAS) from municipal landfill leachate – RBR project results**
Anna Sorelius, NSR (Nordvästra Skånes Renhållnings) AB, Sweden
- 10.45 – 10.55** **Recommendations to mitigate input of pharmaceuticals – CWPharma project results**
Noora Perkola, The Finnish Environment Institute (SYKE)
- 10.55 – 11.05** **Source-directed measures addressing non-essential uses of hazardous substances – NonHazCity project results**
Heidrun Fammler, Baltic Environmental Forum
- 11.10 – 12.00** **PANEL DISCUSSION: UP- AND DOWNSTREAM MEASURES FOR ADDRESSING HAZARDOUS SUBSTANCES**
- Panel moderator:** Dmitry Frank-Kamenetsky, Special Advisor, HELCOM
- Panellists:** Anna Saarentaus (John Nurminen Foundation), Kajsa Rosqvist (City of Helsinki), Anna Sorelius (NSR AB), Noora Perkola (Finnish Environment Institute, SYKE), Heidrun Fammler (Baltic Environmental Forum), Aneta Łuczkiwicz (Gdansk University of Technology)
- 12.00 – 13.00** **LUNCH BREAK**

Session 4

13.00–15.00 EEST

Adapting to the climate change by the proper management of storm water systems

Moderator: Magdalena Gajewska, Gdansk University of Technology

13.00 – 13.05 **Introduction to the topic**

Magdalena Gajewska, Gdansk University of Technology

- 13.05 – 13.15** **Climate mitigation and adaptation goals of the EU Strategy for Baltic Sea Region**
Valdur Lahtvee, Council of the Baltic Sea States Secretariat
- 13.15 – 13.30** **Platform inputs to revision of HELCOM Recommendation 23/5 Reduction of discharges from urban areas by the proper management of storm water systems**
Dmitry Frank-Kamenetsky, HELCOM
- 13.30 – 13.45** **How to increase the ISWM uptake in the Baltic Sea Region – recommendations and concrete examples from Riga**
Nika Kotoviča, Riga City Council
- 13.45 – 14.00** **Storm water management and planning tools**
Kajsa Rosqvist, City of Helsinki
- 14.00 – 14.15** **Climate resilient urban planning**
Kristina Karppi, City of Turku
- 14.15 – 14.30** **Preparing for extreme weather events with smart blue-green infrastructure in Gdansk**
Ryszard Gajewski, Gdansk Water company
- 14.30 – 14.45** **Integrating nature-based solutions into the urban planning in Russia**
Aleksey Sayanov, Landscape Engineers Guild Moscow
- 14.45 – 14.55** **Questions and answers**

Final session

Future cooperation

15.00–15.30 EEST

- 15.00 – 15.15** **Future funding opportunities**
Elena Kolosova, Interreg Baltic Sea Region Programme
- 15.15 – 15.30** **Baltic Smart Water Hub: concrete water solutions, expertise exchange and future cooperation**
Mariia Andreeva, UBC Sustainable Cities Commission
- 15.30** **CLOSURE REMARKS**