

# PLATFORM **BSR WATER**

## FINAL CONFERENCE 15–16.9.2021

**15 September** | **10.00–15.00 EET**

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

### Opening session

**10.00–11.00 EET**

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

## Session 1

**11.00–13.00 EET**

### Shifting wastewater treatment to the resource recovery model

#### PARALLEL VIRTUAL EXHIBITION: POSTERS AND BALTIC SMART WATER HUB SOLUTIONS ON RESOURCE-EFFICIENT WASTEWATER TREATMENT

- Moderator:** *Ludwig Hermann, Proman Consulting tbc.*
- 11.00 – 11.05** **Introduction to the topic**
- 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** **Present vs Future: traditional wastewater treatment plant or water resource recovery facility?**  
*Markus Raudkivi, University of Tartu*
- 11.50 – 12.05** **Recovering energy and other valuable compounds from wastewater**  
*Matthias Barjenbruch, DWA German Association for Water, Wastewater and Waste, Regional Group North-East*
- 12.05 – 12.15** **Efficient wastewater treatment at the large facilities in Russia**  
*Olga Rublevskaya, Vodokanal of St. Petersburg, tbc.*
- 12.20 – 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:** European and local-level stakeholders
- 13.00 – 14.00** **LUNCH BREAK AND NETWORKING**

## Session 2

**14.00–15.00 EET**

Virtual tours around the Baltic Sea

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| <b>14.00 – 14.05</b> | <b>Introduction to the tours</b>  |
| <b>14.05 – 14.15</b> | <b>International Clean Beach campaign for citizens, St. Petersburg and Turku</b><br><i>State Company “Mineral”, City of Turku, tbc.</i> |
| <b>14.15 – 14.20</b> | <b>Beach wrack on the Baltic Sea coasts</b><br><i>CONTRA project, tbc.</i>  |
| <b>14.20 – 14.25</b> | <b>Green infrastructure-based stormwater solutions in Riga in dry weather and after a storm event</b><br><i>Riga City Council</i>       |
| <b>14.25 – 14.30</b> | <b>Nature-based solutions for stormwater management in Gdansk</b><br><i>Gdansk University of Technology</i>                             |
| <b>14.30 – 14.45</b> | <b>Flood prevention facility complex in St. Petersburg</b><br><i>tbc.</i>   |
| <b>14.45 – 15.00</b> | <b>Questions and answers</b>  |

**16 September** | **10.00–15.30 EET**

## Session 3

**10.00–12.00 EET**

Hazardous substances in municipal and industrial stream

PARALLEL VIRTUAL EXHIBITION: POSTERS AND BALTIC SMART WATER HUB CASES ON REDUCTION OF HAZARDOUS SUBSTANCES

**Moderator:** Eva Iveroth, EUSBSR PA Hazard tbc.

**10.00 – 10.05**      **Introduction to the topic**

- 10.05 – 10.20**      **EU regulatory overview of hazardous substances**  
*Valentina Bertato, Directorate-General for Environment, European Commission, tbc.*
- 10.20 – 10.35**      **Platform inputs to HELCOM action on micropollutants in effluent of wastewater treatment**  
*Dmitry Frank-Kamenetsky, HELCOM*
- 10.35 – 10.45**      **Policy recommendations and pilots on industrial wastewater treatment – results of the BEST project**  
*Kajsa Rosqvist, City of Helsinki*
- 10.45 – 10.55**      **Removal of perfluorinated alkylated substances (PFAS) from municipal landfill leachate**  
*Anna Sorelius, NSR (Nordvästra Skånes Renhållnings) AB, Sweden, tbc*
- 10.55 – 11.05**      **Recommendations to mitigate input of pharmaceuticals – results of the CWPharma project**  
*Noora Perkola, The Finnish Environment Institute (SYKE), tbc.*
- 11.05 – 11.15**      **Source-directed measures addressing non-essential uses of hazardous substances – NonHazCity project results**  
*Heidrun Fammler, Baltic Environmental Forum, tbc.*
- 11.15 – 12.00**      **PANEL DISCUSSION: UP- AND DOWNSTREAM MEASURES FOR ADDRESSING HAZARDOUS SUBSTANCES**
- Panel moderator:** Dmitry Frank-Kamenetsky, HELCOM
- Panellists:** European and local-level stakeholders
- 12.00 – 13.00**      **LUNCH BREAK**

## Session 4

**13.00–15.00 EET**

Adapting to the climate change by the proper management of stormwater systems

PARALLEL VIRTUAL EXHIBITION: POSTERS AND BALTIC SMART WATER HUB CASES ON SOLUTIONS FOR CLIMATE ADAPTATION

**Moderator:** tbc.

- 13.00 – 13.05**      **Introduction to the topic**
- 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 – 13.40**      **Principles of Integrated Storm Water Management (ISWM)**  
*City of Turku, tbc.*
- 13.40 – 13.55**      **How to increase the ISWM uptake in the Baltic Sea Region – recommendations and concrete examples from Riga**  
*Nika Kotoviča, Riga City Council, tbc.*
- 13.55 – 14.10**      **City strategy and planning tools for stormwater management**  
*Kajsa Rosqvist, City of Helsinki*
- 14.10 – 14.25**      **Preparing for extreme weather events with smart blue-green infrastructure in Gdansk**  
*Ryszard Gajewski, Gdansk Water company, tbc.*
- 14.25 – 14.40**      **Integrating nature-based solutions into the urban planning in Russia**  
*Aleksey Sayanov, Landscape Engineers Guild Moscow, tbc.*
- 14.40 – 15.00**      **Questions and answers**

## Final session

### Future cooperation

**15.00–15.30 EET**

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