

**Project BEST – Better Efficiency for Industrial Sewage Treatment**

**Workshop on Hazardous substances, 20-22 November 2018 in TOILA**

Toila SPA Hotel, Ranna 12, Toila, Estonia

*For transportation and accommodation alternatives, please see the technicalities attachment*

**AGENDA**

**DAY 1 | Tuesday, 20 November 2018 (project internal)**

Arrivals and registration

12.30 LUNCH at Toila SPA Hotel restaurant

13.30 Welcoming words

*Estonian Waterworks Association*

**13.45-14.30 Project financial and communication issues, proceedings in investments**

*City of Helsinki project team*

**14.30-16.00 Proceedings in assessment of current situation**

*WP 2 leader Riga Technical University*

COFFEE BREAK

**16.15-17.15 Proceedings in local management models**

*GoA 4.1 leader John Nurminen Foundation*

**17.15-18.30 Capacity building: Format of learning package and local events**

*WP 3 leader Gdansk Water Foundation together with Estonian Waterworks Association*

19.30 DINNER at Toila SPA Hotel restaurant



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## DAY 2 | Wednesday, 21 November 2018 (public)

8.30 Coffee and registration

9.00 Welcoming words and introduction to Project BEST

*Pille Aarma, Estonian Waterworks Association and Kajsa Rosqvist, City of Helsinki*

*Chair of the day: Vallo Kõrgmaa, Estonian Waterworks Association*

### 9.30-10.30 SESSION 1: Hazardous substances in waste water treatment plants (WWTP)

**Identification and removal of priority substances in Estonian municipal WWTPs**

*Vallo Kõrgmaa, Estonian Waterworks Association, Estonia*

**Impact of industrial waste waters on municipal WWTPs**

*Taavo Tenno, Aqua consult Baltic OÜ, Estonia*

COFFEE BREAK

### 11.00-13.00 SESSION 2: Legislation and recommendations on management of industrial waste waters

**HELCOM work to prevent contamination of the Baltic Sea environment from waste water sector**

*Dmitry Frank-Kamenetsky, HELCOM Secretariat*

**Implementation of the Urban Waste Water Treatment Directive and permitting practices in Finland**

*Ari Kangas, Ministry of the Environment, Finland*

**Estonian legislation on management of industrial waste waters**

*Mari-Liis Ummik, Ministry of the Environment, Estonia*

LUNCH



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**14.00-17.00 SESSION 3: Cooperation methods between industries and municipal WWTPs, case examples and good practices**

**Removal of hazardous substances from industrial waste waters, examples from the Netherlands**

*Albert Doets, Fluor B.V and Alar Saluste, Aqua consult*

**Experiences on good methods and tools from Finland**

*Paula Lindell, Helsinki Region Environmental Services Authority (HSY)*

COFFEE BREAK

**Panel discussion: Updating of the BSAP segment on hazardous substances – suggestions on regional targets, priorities and measures in industrial waste water management sector**

*Moderator Dmitry Frank-Kamenetsky, HELCOM Secretariat, panellist representatives from the Ministry of the Environment (Finland and Estonia), waste water treatment plants, consulting companies, the industry and expert organisations*

18.00 Bus transfer from Toila SPA to dinner

**19.00 DINNER and site visit at Estonian mining Museum**

*Bus transfer is organised back to Toila SPA Hotel after dinner*

**DAY 3 | Thursday, 22 November 2018 (project internal)**

**8.30–10.00 Project BEST Steering group meeting**

*Steering group members*

10.30 Bus transfer from Toila SPA Hotel to study visit sites in Kohtla-Järve

**11.00-12.30 Study visit at Viru Keemia Grupp and Eastman company**

*VKG produces shale oil and shale oil chemicals and Eastman benzoic acid, sodium benzoate and plasticizers*

12.30 Bus transfer from industries to the WWTP

**13.00-15.30 Study visit at municipal WWTP Järve Biopuhastus OÜ**

*LUNCH and site visit*

15.45 Departures – and [welcome to Riga 2-4 April 2019!](#)

*Bus transfer is organized to Kohtla-Järve coach station, Toila SPA Hotel or directly to Tallinn. Please see the technicalities attachment for details!*



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