

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 and tick preferences when registering!

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 management, communication and reporting
City of Helsinki project team

14.30-15.45 Proceedings in assessment of current situation
WP 2 leader Riga Technical University

COFFEE BREAK

16.00-17.15 Capacity building: Format of learning package and local events
WP 3 leader Gdansk Water Foundation

17.15-18.30 Proceedings in local management models
GoA 4.1 leader John Nurminen Foundation

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
Estonian Waterworks Association and 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 on good practices and technical solutions by industries and WWTPs

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, comments from WWTPs, experts and audience

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

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



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