

Workshop on Pre-treatment possibilities for different industrial effluents

27-28 November 2019 Kaliningrad, Russia

Wednesday, 27 November 2019 – Seminar day

Venue Mercure Hotel, Ozernyj proezd 2, Kaliningrad

Main spoken language is English with simultaneous interpretation to Russian

9.00 COFFEE AND REGISTRATION

9.30-11.00 Opening and introduction to the theme:
Management of industrial wastewaters in municipal networks

Welcoming words and introduction to Project BEST

ECAT-Kaliningrad and City of Helsinki

Legislative framework and its implementation in Russia

*Ministry of Natural Resources and Ecology of the Kaliningrad region/
Ministry of housing and Public Utilities of the Kaliningrad region*

Requirements for waste water treatment in Russian Federation: Integrated environmental permits for WWTPs

*Oleg Grevtsov, Standardization, Methodology and BAT Assesment Department
Federal State Autonomous Institution "Research Institute "Center for environmental policy in industry"*

11.00-12.00 Pre-treatment at differing industrial sectors

Dairy company in Kaliningrad

Machinery equipment company in Kaliningrad

12.00 LUNCH, TORRO GRILL, OZERNYJ PROEzd 2

13.00-15.00 Stories of cooperation – BSR WATER project and the Baltic Smart Water Hub

BSR WATER platform: engaging the water expert community

Union of the Baltic Cities Sustainable Cities Commission

Case 1: Benefits of cooperating with food industries Grevesmühlen WWTP

Joint body Grevesmühlen Water Supply and Wastewater Disposal, tbc

Case 2: Industrial wastewater at MWTTP Vitebsk Vodokanal

*Vitebsk regional communal unitary enterprise of water and wastewater services UE
"Vitebskvodokanal", tbc*

Case 3: Energetic autarky wastewater treatment at Rheda-Wiedenbrück WWTP

Peter Hartwig, Bremen University of Applied Sciences/ aqua consult

Interactive session: Testing the Baltic Smart Water Hub

COFFEE

15.00-16.00 Investments and piloting in project BEST – parallel sessions

SESSION 1:

Pre-treatment at dairy company Latvijas Piens, Latvia
Latvijas Piens LTD

Pre-treatment at dairy company E-Piim and cooperation with Põltsamaa WWTP, Estonia
E-Piim Tootmine and Põltsamaa Varahalduse

Impact of inhibitors used in varying industries on municipal treatment processes
Riga Technical University

SESSION 2:

Feasibility of utilizing waste and wastewater for energy production
Municipal water supply and sewerage company with limited liability (Leszno)

Phosphorus recovery from wastewater using calcium silicate material in Doruchow WWTP
Doruchow Commune

Different tertiary treatment materials for suspended solids, phosphorous and heavy metals removal
Tallinn Univeristy of Technology

16.00 Closing and conclusions

16.30 VISIT AT THE AMBER MUSEUM

19.00 DINNER AT RESTAURANT UGLI

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26-28 November 2020 Kaliningrad, Russia

Thursday, 28 November 2019 – Study visits and round table

Venue Mercure Hotel, Ozernyj proezd 2, Kaliningrad

09.00 BUS TRANSFER TO STUDY VISIT

09.30-13.00 Site visit at Fish can industrial complex LCC "RosKon" and municipal WWTP "OKOS"

Main spoken language is Russian and English with consecutive interpretation vice versa

Visit at LCC "RosKon", Kaliningradskoe shosse 29, Pionersky

ROSKON is a brand new factory, which was built from scratch, based on the experience of leading European companies. The factory specializes on production of canned fish from raw materials with the use of high-tech equipment. Plant capacity of cannery complex is 96 million cans per year (8 milion cans per month). ROSKON pre-treats its wastewater and discharges them to OKOS.

Visit at municipal wastewater treatment plant "OKOS", Zaostrovye village, Zelenogradsk Municipality

WWTP "OKOS" is a united wastewater treatment plant, which works with three coastal municipalities of the Kaliningrad region, Svetlogorsk, Pionerskiy and Zelenogradsk with total population of 41755 inhabitants. The WWTP is equipped with mechanical and biological treatment systems as well as sludge dewatering and utilisation. The WWTP was fully reconstructed in 2015.

LUNCH WILL BE ORGANISED IN CONNECTION TO THE SITE VISITS

BUS TRANSFER BACK TO MERCURE HOTEL

14.00-18.00 Round table discussion: Industrial wastewater treatment in municipal networks – case Russia

Main spoken language is Russian with interpreting to English (if necessary)

The seminar consists of two panel discussions with invited experts focusing on

- 1) Training of water sector specialists
- 2) Forthcoming changes in the structural organization of water sector in Russia (unification of water utilities)

Summary session

Open discussion, exchange of ideas and experiences (Project BEST guidelines)

17.45 Closing and conclusions

WELCOME TO PROJECT BEST FINAL SEMINAR IN WARSAW 26-28 MAY 2020!