



Dear project BEST stakeholder! You are receiving this letter, because we think you might be interested in knowing about the project and would like to be informed about the project proceeding. If you don't want to get this newsletter in future, please contact Project BEST communications manager Miitta Rantakari (firstname.lastname@hel.fi).



Fifth project BEST workshop was arranged in Kaliningrad

The fifth international project BEST workshop was arranged November 26-28, 2019 in Kaliningrad, Russia. The workshop focused on innovative and cost-efficient methods for

pre-treatment of industrial effluents. The workshop interested experts from several fields and gathered together 83 participants from 8 countries. The event covered the current situation, challenges, new improvements and regulation of industrial waste water treatment in Russia, involvement of BEST project in a BSR WATER platform project and introduced the project BEST pilots and investments. The participants had an opportunity to visit the local fish canning industry and the waste water treatment plant to which the industry is discharging its sewage, as an example of well working cooperation and responsibly pre-treated industrial waste waters. The last day of the event was dedicated to Russian round table discussions, tackling the current changes in the structure of the water sector and specially the progress of unification of the water utilities. Other issue discussed was the needs, opportunities and prospects of educating specialists in the waste water treatment sector.

<https://bestbalticproject.eu/wp-content/uploads/2019/12/Summary-on-Workshop-on-Pre-treatment-possibilities-for-different.pdf>

<https://bestbalticproject.eu/materials/event-materials/best-project-workshop-in-kaliningrad-russia/>

Follow our information campaign about the best pre-treatment practises



Best practices in industrial waste water pre-treatment are promoted in an ongoing information campaign in Finland. John Nurminen Foundation together with Helsinki Region Environmental Services Authority HSY and City of Helsinki want to promote responsible waste water management using local industrial companies as examples. The companies were selected in cooperation with the WWTP to which they are discharging their waste waters. The companies represent food industry, coating/metallurgic industry, pharmaceutical industry and waste handling. Watch the materials through these links and follow the rest of the campaign in Twitter @BestBalticBSR with the hashtag #BEST_BalticSea and on our website <https://bestbalticproject.eu/>

<https://bestbalticproject.eu/news/how-to-stop-fat-fish-offals-and-plastic-entering-the-sewage-system-from-a-fish-processing-plant/>

<https://bestbalticproject.eu/news/beautiful-jewelry-responsible-waste-water-management/>

<https://bestbalticproject.eu/materials/blogs/environmental-inspector/>

<https://bestbalticproject.eu/news/professional-treatment-for-hazardous-waste/>

Improved sewage pre-treatment for Latvijas Piens cheese factory

The BEST investment in Latvijas Piens cheese factory in Jelgava, Latvia was completed in the end of year 2019. The new pre-treatment unit including an equalization tank and a flotation unit with a flocculator is in full operation by the end of March 2020 after comprehensive commissioning and testing. Latvijas Piens is discharging its wastewater effluent to Jelgavas Udens municipal WWTP. High BOD and nutrient contents of the factory's waste water have been challenging at the WWTP. The new pre-treatment plant will solve this problem and enhance the treatment results at Jelgavas Udens WWTP. Furthermore, the flocs collected from the pre-treatment unit will be utilized for biogas production.



Read the blog how BEST project was initiated

Did you know what bouncing sludge, pink sewage and presidents have in common? Of course the birth of BEST project! Read how the project aiming to better control of industrial sewage was initiated in a blog written by Marjukka Porvari from John Nurminen Foundation https://johnnurmisenensaatio.fi/en/best_balticsea/



New mobile sampling equipment for Põltsamaa WWTP in Estonia

Põltsamaa waste water treatment plant WWTP has a new mobile sampling and analyzing equipment in use. The equipment was purchased as a BEST project investment. The mobile sampling equipment helps WWTP to survey which industrial companies in the area are responsible for periodic heavy metal discharges to the WWTP and to open the negotiations about

the pre-treatment methods needed. The better knowledge of the incoming sewage helps the WWTP also to better adjust their treatment process.

Expert workshop in Helsinki to advance guidelines for co-treatment of industrial and municipal sewage



John Nurminen Foundation together with City of Helsinki arranged an expert workshop in Helsinki 16.1.2020 in order to outline the specific annex about Finland for the BEST guidelines for co-treatment of industrial and municipal sewage. All BEST partner countries are currently doing similar work. The aim is not only to produce Baltic Sea Region wide guidelines but also national annexes that focus on specific challenges in each country. Experts taking part to this work represent waterworks personnel, water work associations, environmental authorities, research organizations and industries. All partner countries are currently arranging expert workshops in order to find development needs and solutions on national level.



New waste water treatment line is in test use in Doruchow, Poland

The project BEST investment in Doruchow, Poland will be completed in spring 2020. A new waste water treatment line for the industrial waste from local meat industry will consist of a biological reactor tank, a secondary sedimentation tank and an averaging tank. The treatment process will be based on an innovative new phosphorus filtering media, calcium silicate, which is formed from highly porous calcium silicate mineral. Calcium silicate not only removes phosphorus from waste water, but also enables full phosphorus recovery. All the new tanks and pipelines are already in place waiting for the test runs, the photo is from the construction phase.

You get this e-mail, because you are listed as a stakeholder of the BEST Project. If you don't want to receive these letters in future, please contact project communication manager Miitta Rantakari (firstname.lastname@hel.fi)

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