

Interreg BSR NOAH

Protecting Baltic Sea from untreated wastewater spillages during flood events in urban areas

NEWS & UPDATES

January–June 2021

▪ Progress meetings

The period 5 progress meetings were held online on the 7th of April and 14th of June 2021. Current project actions such as progress in pilot sites, water quality monitoring, project validation, visualization of the project results and project reporting were discussed.

Activities in period 5 proceeded well, main outputs include the NOAH feasibility and policy analysis as well as the visualization of the project actions in pilot areas – see the details regarding the outputs below.

▪ Pilot sites

The project output [3.4 Pilot investments in partner municipalities](#) was finalized in January 2021. The report explains the procurement processes, design, and construction as well as testing and implementation of installations in NOAH pilot sites.

The project website's section [NOAH pilot sites](#), which holds site descriptions and installation details, is regularly updated with new photos and short videos of all pilot sites.



Smart Weirwall System (SWS) in Rakvere, Estonia.

▪ Output 4.1 Feasibility and policy analysis

The output [4.1 Feasibility and policy analysis](#) forms concrete proof of the positive effects of NOAH project activities. In the output, the eight pilot sites are described in short and NOAH actions (e.g., investments) are summarized. The rates and substances of untreated wastewater spillages in the pilot sites are analyzed, and the impact (economic, environmental, and technical) of NOAH actions is described in detail. Lastly, an overview of the NOAH-related local policies and regulations is included for each pilot site.

Output 4.2 Visualization of the results

The aim of the output *4.2 Visualization of the results* is to provide easily understandable material of the NOAH project pilot site activities for communicating the project results to stakeholders inside and outside the project community. Clear-cut and visually appealing videos and leaflets are created to depict extreme weather events' impact on the NOAH pilot sites' urban drainage systems. In addition, the effects of the NOAH stormwater management solutions are displayed. Whereas the videos give a broader view of the actions in the site, the A4-sized leaflets summarize the essential information from the videos.



The videos and leaflets can be found on the [NOAH website](#) under *Project pilot site results*. Additionally, a written report [4.2 Visualization of the results](#) has been published, describing the planning, data collection, processing and material creation of the visualization activity.

Project-related publications

Articles/papers/news on NOAH published January–June 2021:

- FI: *Tutkimusfoorumi 2021 – Näkökulmia digitalisaatioon*, May 2021. Rissanen, Keinänen-Toivola: [Tulvanhallintaa ja puhtaampi Itämeri digitaalisilla ratkaisulla](#).
- ENG: *MDPI Water Journal 2021*, May 2021. Annus, Vassiljev, Kändler, Kaur: [Automatic Calibration Module for an Urban Drainage System Model](#).
- LV: *Latvian radio broadcast Zināmais nezināmajā*, 1 July 2021: [Izstrādā tehnoloģijas plūdu prognozēšanai un novēršanai](#)

All NOAH publications are listed on the *Project website* » *Media releases* as they are published.

Past events with NOAH presentations

- Union of the Baltic Cities webinar: *UBC Talks – Water as a resource in a climate-resilient city*, 25 May 2021
- BSR Water summer conference: *Accelerating the transition to clean and healthy Baltic Sea*, 9–10 June 2021 (online)
- NOAH project experiences in Estonia: *Targad lahendused üleujutusriskide vähendamiseks – NOAH projekti kogemused*, 10 June 2021, Haapsalu + online

Upcoming events with NOAH presentations

- [Hulevesiseminaari](#) by *Water Association Finland* – Lahti FI/online, 24 September 2021
- [NORDIWA 2021](#) – Göteborg SE/online, 28–30 September 2021