

SmallWWTPs

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Change in the region

Challenge: the purification standards in small WWTPs in Baltic Sea countries are not met, because of **lack of knowledge of good technical solutions, lack of trained full time operating personnel** and **outdated and insufficient treatment technology**

Result: Increased knowledge among WWTP owners (**municipalities and water companies**), **planners and operators** on most cost-efficient and innovative technology alternatives and best practices for operating, renovating and constructing small wastewater treatment plants (300-3,000 PE) leading to decrease in emissions in the region.

Project outputs

Output 1: A tool for selection of potential technologies for small WWTPs

Output 2: Training materials on Best Practices in operating small WWTPs

Output 3: International and national seminars and trainings presenting the project results

Output 3: Four pilot investments improving the nutrient removal efficiency of WWTPs and testing new technologies

Work Packages

- ▶ WP1 Project management and administration
- ▶ WP2 Preparation of capacity development tools for small scale wastewater treatment
- ▶ WP3 Capacity development for small scale WWTPs
- ▶ WP4 Pilot investment for small scale WWT plants

Partnership

SWEDEN

Luleå municipality
Sundsvall WWTP

LATVIA

LTD ARDENIS
Tukums municipality

+ Associated partners e.g. water associations
+ co-operation with IWAMA and BEST projects

FINLAND

Sykli, Environmental School of Finland
TUAS, Turku University of Applied Sciences

POLAND

Gdansk Water Foundation
Lipusz municipality

LITHUANIA

Kaunas technical University
investing municipality (tbc)