

# SALDUS

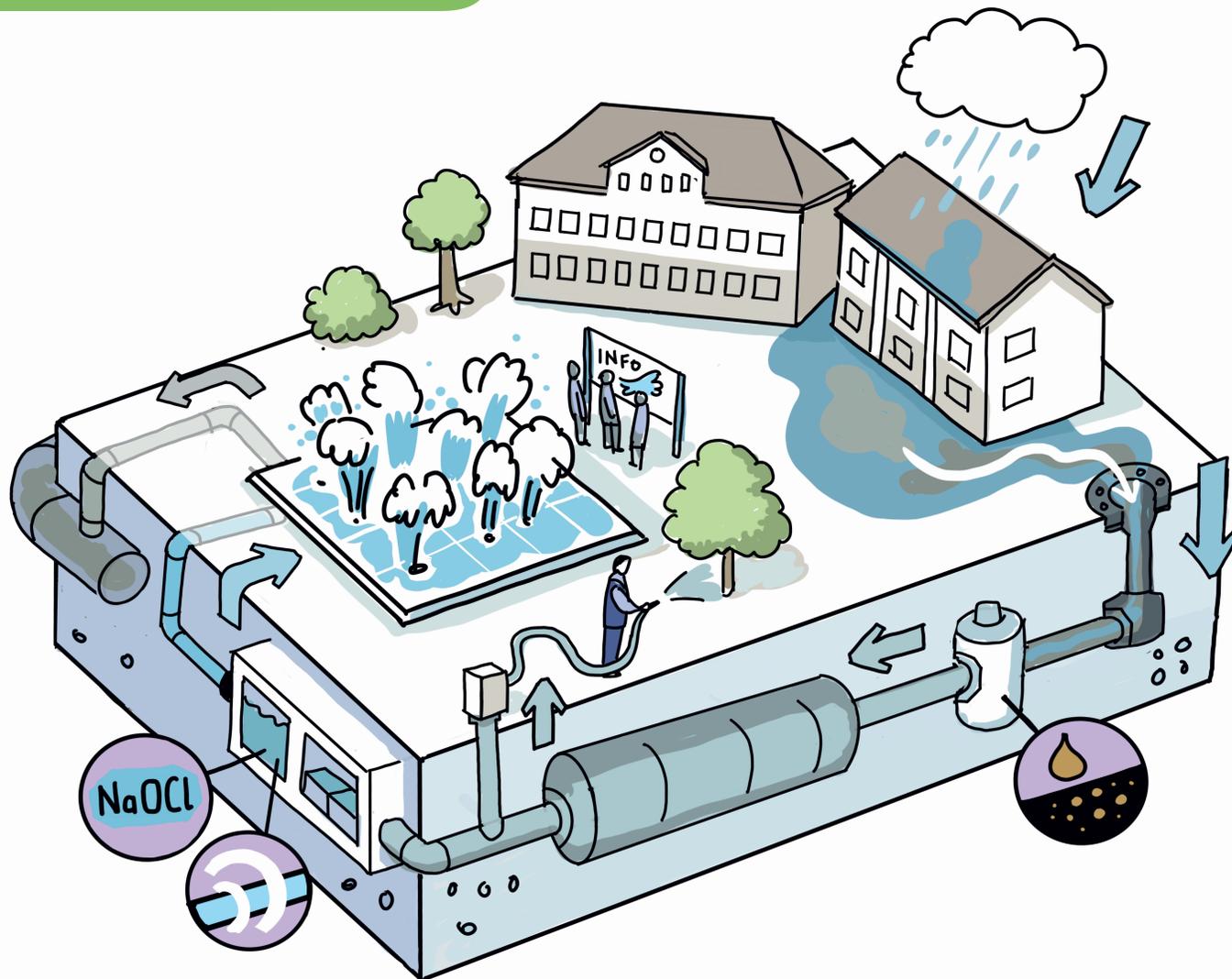
Stormwater recycling for fountain operation and greenery irrigation

Interreg  
Baltic Sea Region



Co-funded by  
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SUSTAINABLE WATERS  
WaterMan



A feasibility study developed a system to collect surface runoff and treat it to make it usable for various municipal purposes – including watering municipal greenery and operating a public fountain on the town square that may also be used by children as a play area. Before being collected in an underground storage tank, the stormwater is treated in multiple stages in order to purify it for these purposes: after flowing through an oil and sand separator, it is disinfected using UV light and conducted through a water treatment system (chlorination).

The Kalpak Square, which is intended to be supplied with this water, has furthermore been equipped with educational elements. These inform citizens and visitors of Saldus about the impacts of climate change and the developed system to recycle stormwater, raising awareness of the need for more sustainable water management.

## Contacts for further information:

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**Type of pilot measure:** Development of ready-to-build concept

**Location:** Saldus (Latvia)

**Water source:** Stormwater collected in underground storage

**Type of treatment:** Oil and sand separator, disinfection by treatment with UV light, chlorination

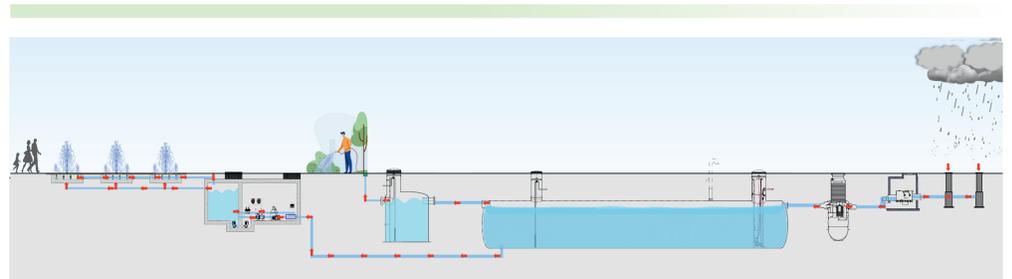
**Target water quality:** Water class A/B (EU Regulation 2020/741)

**Utilisation:** Public fountain, watering municipal greenery

**Return to natural cycle:** Discharge into the sewage system

**Responsible:** Saldus Municipality

**Completion:** September 2024



Construction of the fountain, which will use the accumulated rainwater with underground accumulation tank

