



FanpLESStic-Sea project

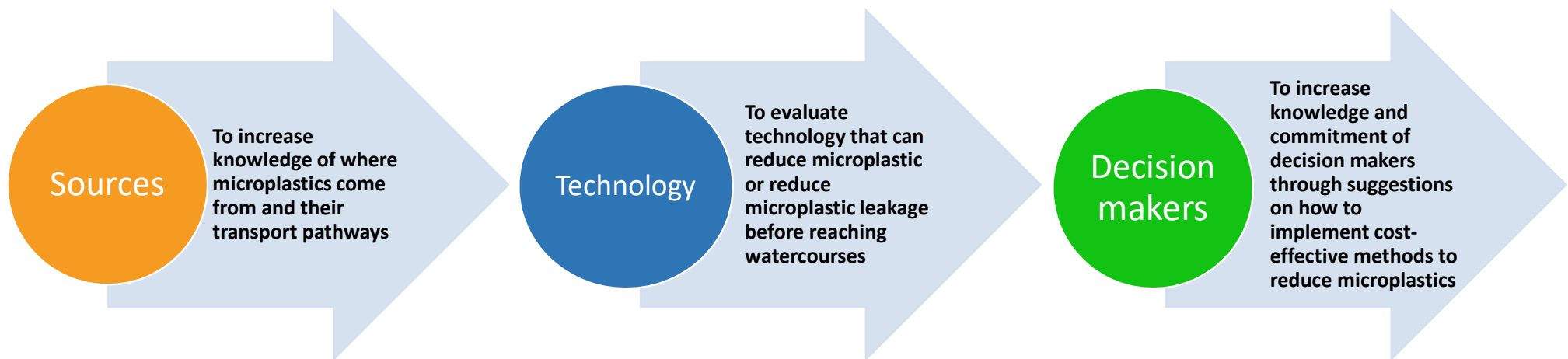
Initiatives to remove microplastics before they enter the sea

10th Annual Forum of the EUSBSR

“Close plastic tap – Plastic does not belong to environment!”

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Gdańskie Wody Sp. z o.o. (Gdansk Water)

Project goals



Project partners

Coordinator: Swedish Water Research

- **Denmark:** Aalborg University
- **Finland:** Natural Resources Institute Finland (Luke)
- **Latvia:** Latvian Institute of Aquatic Ecology
- **Lithuania:** Siauliai Chambers of Commerce, Industry and Crafts
- **Norway:** Salt Lofoten AS (SALT)
- **Poland:** Gdansk Water Utilities Ltd.
Gdansk Water Ltd.
- **Russia:** State Autonomous Institution of the Kaliningrad region "Environmental Center "ECAT-Kaliningrad" (ECAT)
- **Sweden:** Luleå University of Technology
- **HELCOM**



Sampling



WP 2 Mapping of flows and pathways

Pristine water in arctic region (SALT)

Inlet to drinking water plant (GIWK)

Inlet from household sources to WWTP in Gdansk (GIWK)

River flowing through urbanized areas from the source to the estuary (GW)

River (close to the sea) from agricultural area in Riga (LIAE)

River (close to sea) from industrial area in Riga (LIAE)

Ditch or surface water pipes along highway with very much transport (most use spike tires) (LTU)

Roofs and facades run-off (LTU)

Artificial turfs football field (AAU with SALT – Lofoten/Tromsö or SWR - Landskrona)

Small community storm water aggregated at a pumping station (AAU with SWR)

WP 3 Test and validate solutions

Outlet of drinking water plant and WWTP Gdansk (GIWK)

Outlet of WWTP Gdansk with use of the IWAMA 2-stage wetland box installation by GIWK

Melting water from snow piles in Helsinki by LUKE

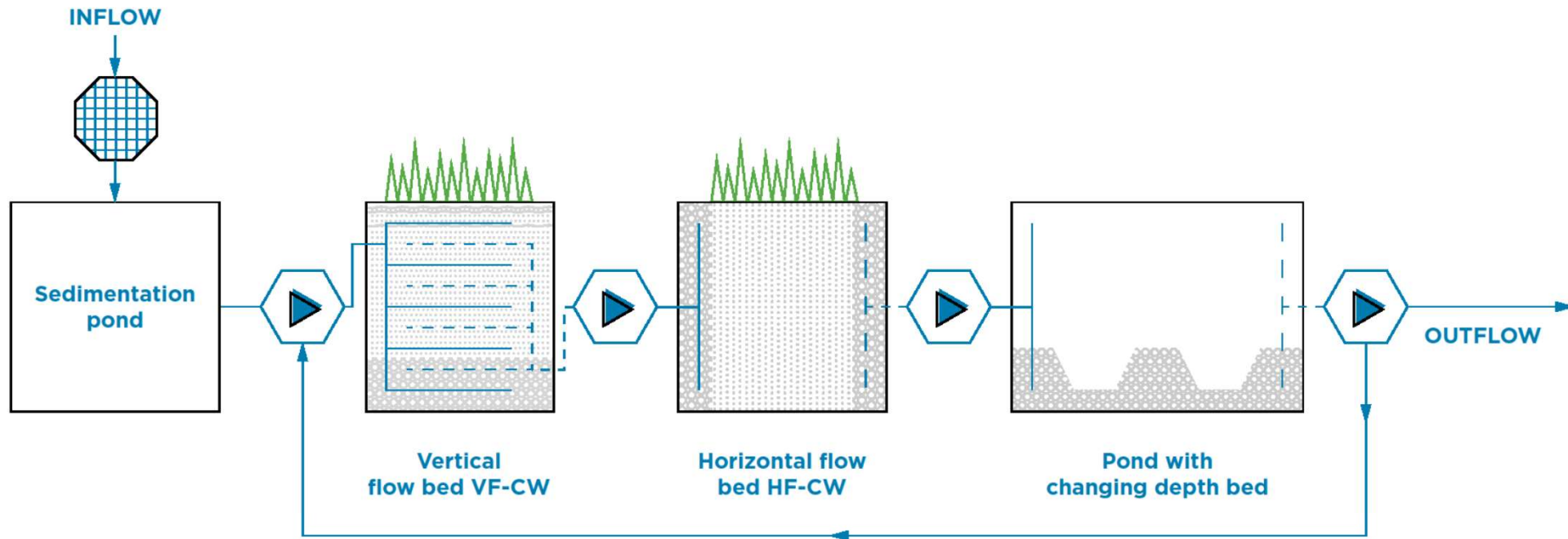
Storm water retention ponds (already existing) measure outlet (LTU)

Pilot (LUKE)

Pilot (Gdansk Water)

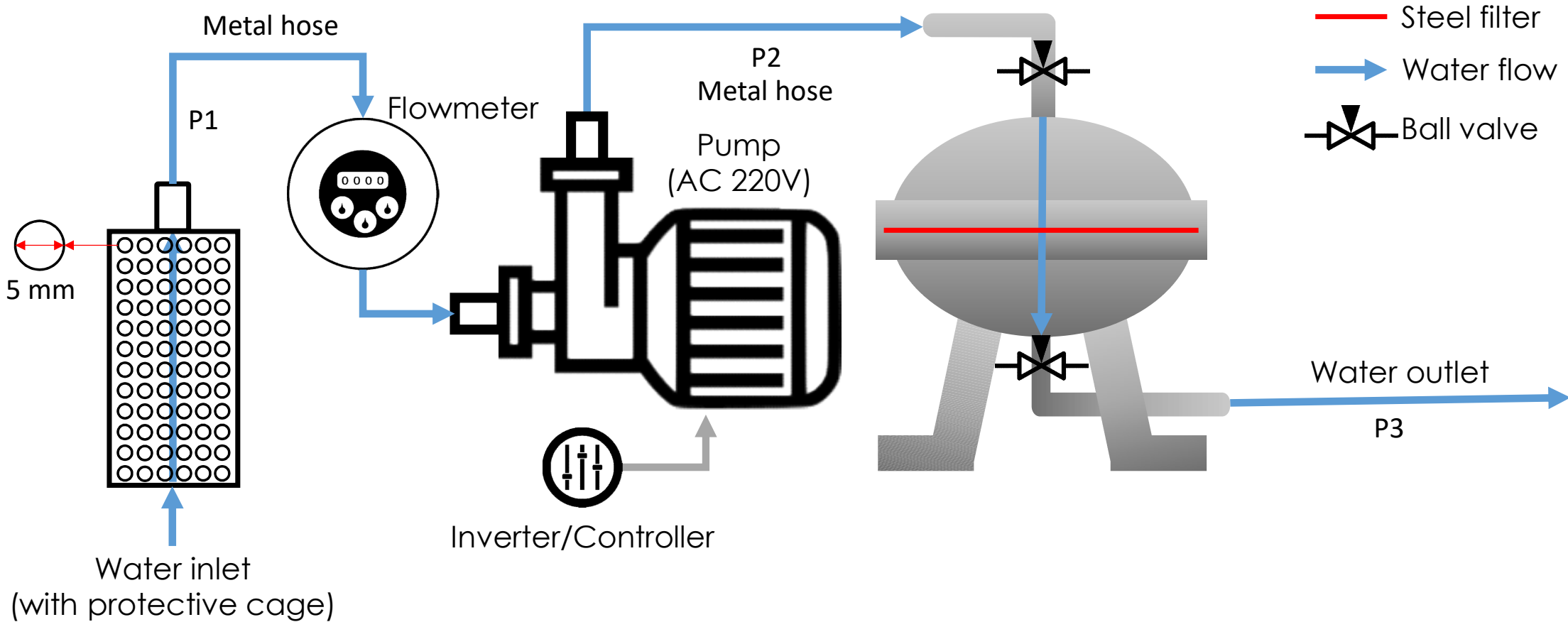
Small WWTP in Skåne (SWR)

Pilot installation – concept scheme



Sampling activities

Sampling device: positive pressure setup



„No” to single-use plastic in Gdansk Water

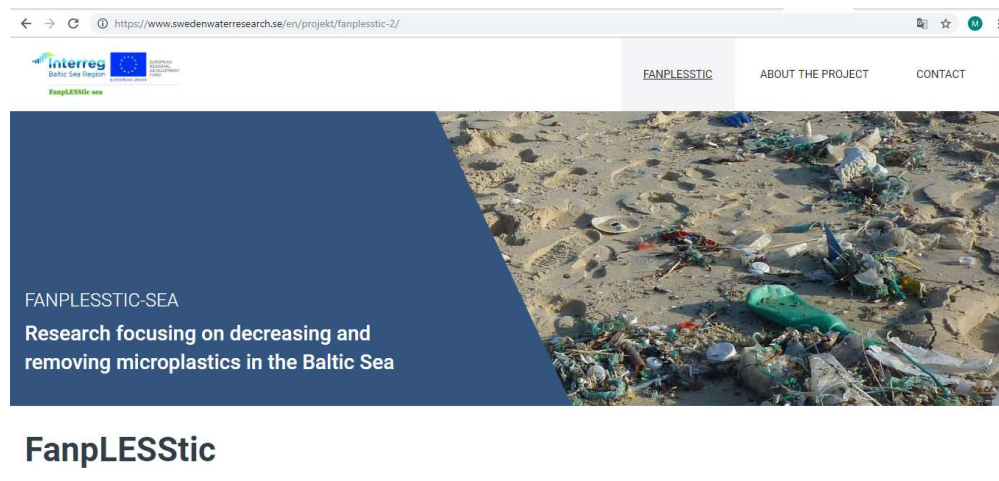


#TrashChallenge
and our
reusable
garbage bags

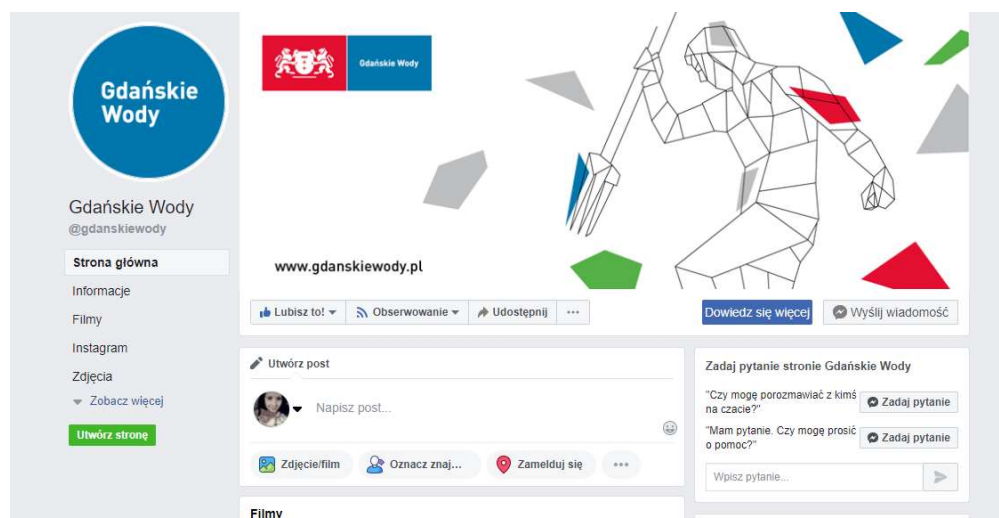


No more plastic
bottles
We are drinking
tap water!





<https://www.fanplesstic.com>



FB, TT gdanskiewody