PFAS-URBANOS

Treatment of PFAS Substances in the Waters of the Helsinki Metropolitan Area and Increasing Awareness

Core Focus

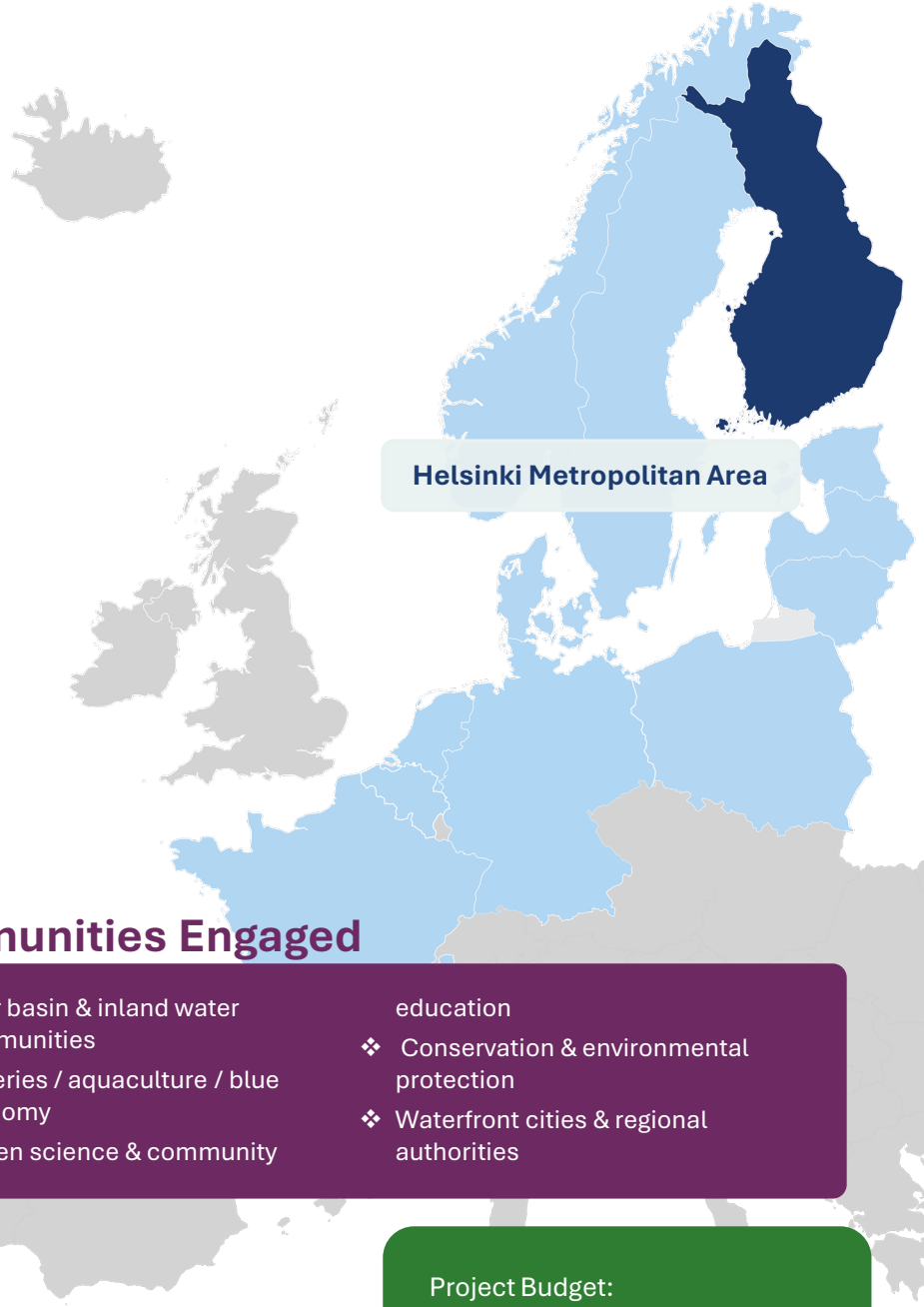
PFAS-URBANOS tackles PFAS pollution at source in the Helsinki metropolitan area, centred on the River Vantaa. Combining hotspot surveying, a review of remediation technologies, source-treatment pilots and public awareness work, the project will demonstrate practical and scalable PFAS removal under real conditions.

Challenge

The River Vantaa is Finland's most PFAS-polluted river system, with high concentrations from landfill leachate and former airport and firefighting areas, and a regional backup water source. **Treatment technologies exist but are limited by cost, scalability and site conditions**, so with large volumes and tight budgets few operators offer viable options at scale.

Key Activities

- ❑ Survey expected PFAS hotspots through water sampling and historical data.
- ❑ Map available PFAS remediation technologies and reach out to subcontractors.
- ❑ Select two concentrated PFAS-impacted streams for source treatment.
- ❑ Run two eight-month turnkey source-treatment pilots.
- ❑ Present results at events and hold a final seminar for citizens and operators



Communities Engaged

- ❖ River basin & inland water communities
- ❖ Fisheries / aquaculture / blue economy
- ❖ Citizen science & community education
- ❖ Conservation & environmental protection
- ❖ Waterfront cities & regional authorities

Organisations: Water Protection Association of the River Vantaa and Helsinki Region (VHVSY) (Finland) · Helsinki Region Environmental Services Authority HSY (FI) · City of Helsinki (FI)

Project Budget:

€578,125.00