TURKU AMK

The Baltic Sea Commitment of Turku University of Applied Sciences 2024–2028

We plan to implement the following Baltic Sea measures in the period 2024–2028.

Curbing eutrophication

The Water and Environmental Protection research group at Turku University of Applied Sciences studies, develops, plans, and implements various water protection methods that reduce nutrient loading to bodies of water. The activities are continuous, but the focus areas and geographical location of the activities depend on the available project funding. Several of the measures to curb eutrophication focus on the Archipelago Sea catchment area. In addition, Turku University of Applied Sciences promotes the implementation of water protection measures through diverse means of communication and training, and by increasing knowledge.

Reduction of harmful substances

Turku University of Applied Sciences is developing ways to reduce harmful substances, especially for the use of municipalities and municipal companies, such as wastewater treatment plants. The

methods are related to developing the procurement practices of chemical smart public procurements and removing harmful substances from wastewater.

Turku University of Applied Sciences examines its procurements from the perspective of harmful substances as part of its low-carbon procurement policy and uses requirements/criteria that restrict harmful substances when appropriate from the perspective of procurement. The aim is to reduce and prevent the transfer of harmful substances into the environment and the Baltic Sea.

In addition, Turku University of Applied Sciences develops training materials about harmful substances, especially for Finnish eco-support organisations.

Increasing biodiversity

The main objective of all our marine environment projects is to safeguard the marine ecosystem and restore it to good ecological status, by producing data and conservation solutions, especially for endangered species and habitats. The Water and Environmental Protection research group will continue to work for a more diverse urban environment through its future and ongoing projects.

Turku University of Applied Sciences procures and protects forest/land areas with possible water bodies in Southwest Finland, thus safeguarding and maintaining biodiversity.

Promoting the sustainable use of seas

Our aim is to reconcile conservation objectives with the pressures of maritime transport and energy production as well as recreational use and other human activities in catchment areas. Through our measures we produce directly usable data and propose cost-effective solutions for decision-makers for promoting the sustainable use of marine and coastal areas.

Increasing cooperation and inclusion

The purpose of increasing cooperation and inclusion is to increase cooperation in water protection within and between organisations, to increase awareness of good practices, and to make the Baltic Sea an integral part of our organisation's normal operations. We work in close and concrete cooperation with key actors in the field at national and international level.