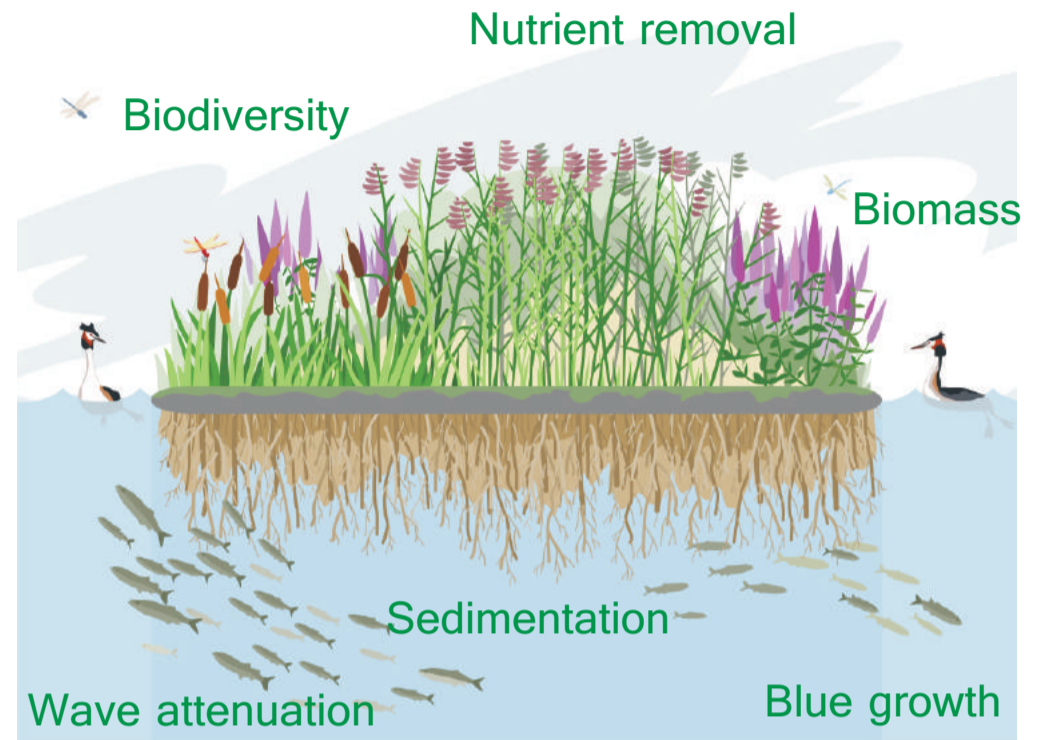


# LiveLagoons

The use of active barriers for the nutrient removal and local water quality improvement in Baltic lagoons

## Phytoremediation to combat internal loadings

The LiveLagoons project aims at improving the water quality in eutrophicated lagoons in the South Baltic by the use of innovative floating wetlands for nutrient removal. Commercial applications already exist outside the Baltic Sea region (e.g. BioHaven®, Biomatrix®, Beemats®, AquaGreen®) and we plan to adapt those to the Baltic lagoons environment using native emergent macophytes. The floating islands allow us to aim at restoration and rehabilitation of coastal habitats, water flow regulation as well as local water quality enhancements due to nutrient absorption and removal.



## Pilot installations

Coastal municipalities in Poland, Lithuania and Germany are supported by our experts to find the best installation sites for the floating wetlands in order to maximize nutrient removal, gain additional aesthetic benefits to boost tourism and to prevent spatial conflicts of use.

## Nutrient trading

Together with the EU project NutriTrade we aim at providing an attractive tool for both environmental authorities and local communities to combat eutrophication Baltic Sea wide and offer biodiverse habitats.



## Project partners

