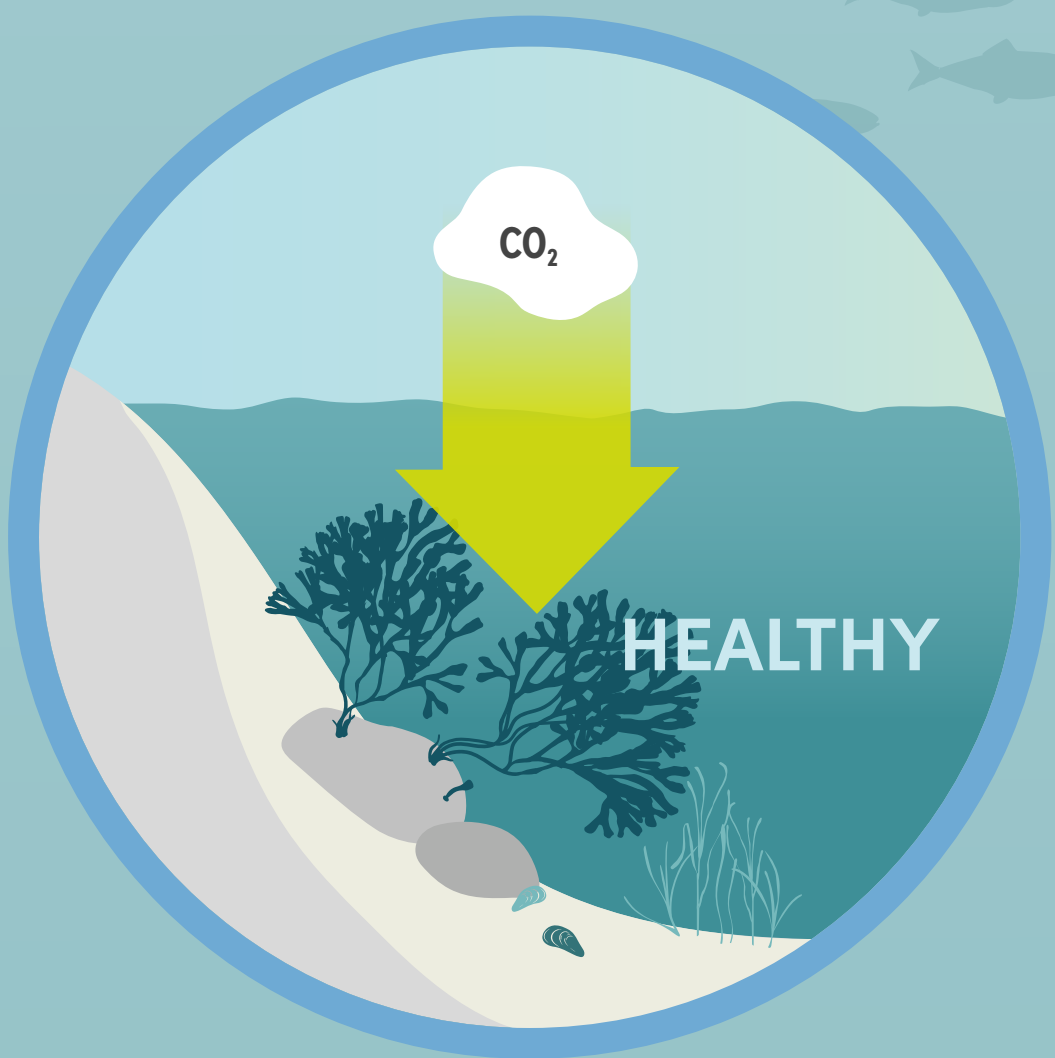
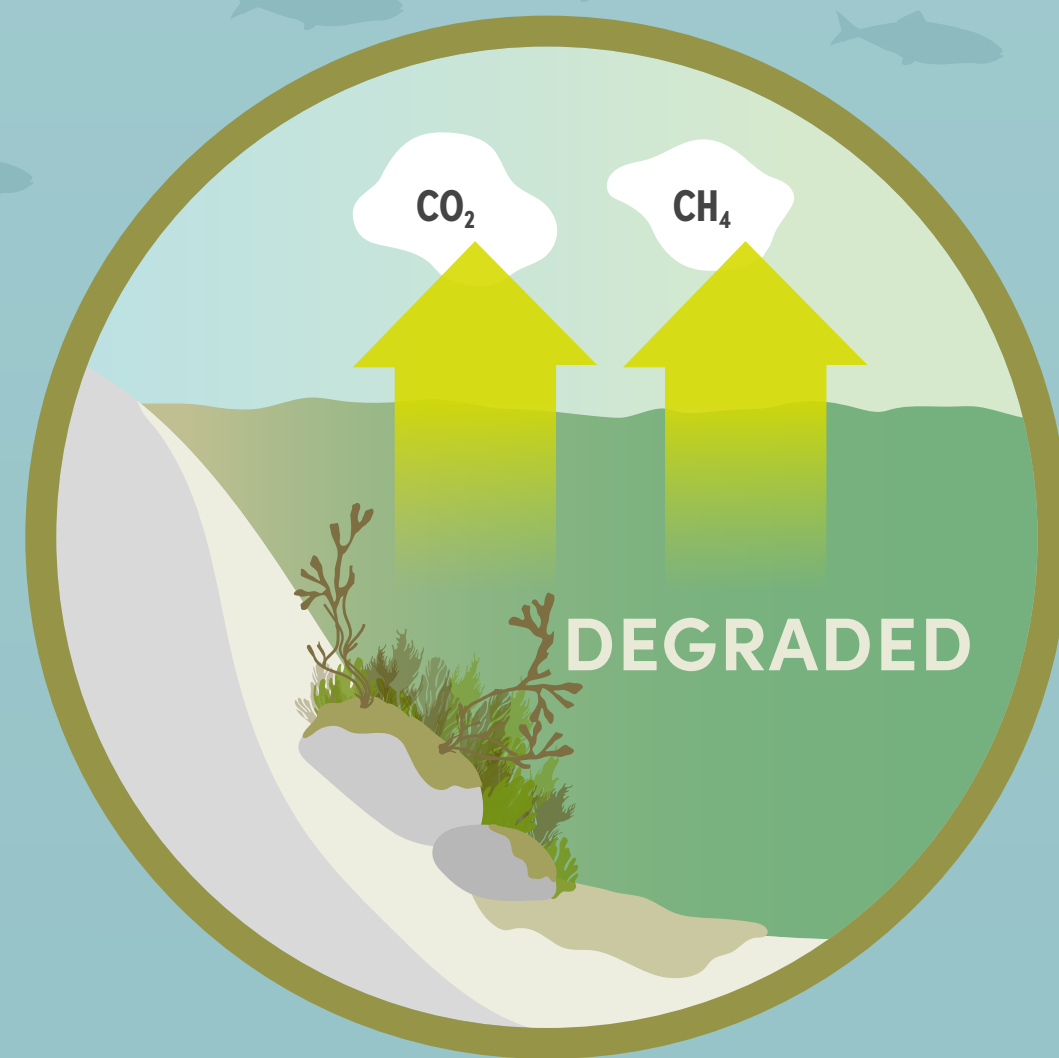


The new centre for Coastal Ecosystem and Climate Research, CoastClim, explores the potential of coastal ecosystems as natural solutions to mitigate climate change.

The Baltic Sea is a carbon sink



The Baltic Sea is a driver for climate change

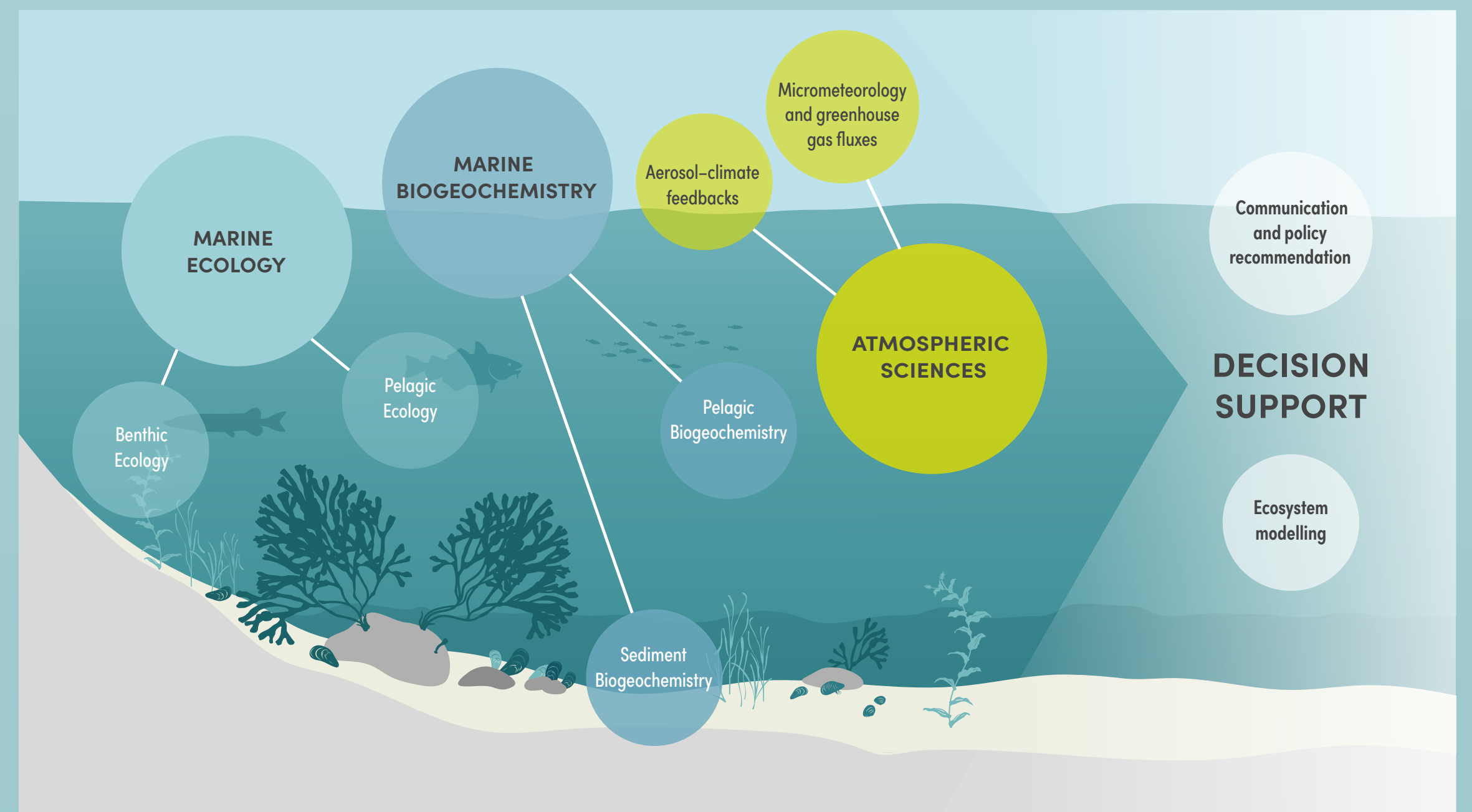


We test whether healthy coasts of the Baltic Sea can act as carbon sinks and have a positive effect on the climate. In contrast, degraded coasts could emit large amounts of greenhouse gases and accelerate climate change.

### Who we are:

CoastClim is a strategic partnership between University of Helsinki and Stockholm University. It brings together the major marine and atmospheric units:

- Tvärminne Zoological Station
- Institute for Atmospheric and Earth System Research
- Stockholm University Baltic Sea Centre
- Bolin Centre for Climate Research



The multidisciplinary expertise in marine ecology, biogeochemistry and atmospheric research enable us to measure feedbacks between coastal biodiversity and our climate. Through our work, we will assist coastal management in finding the right solutions to protect our coasts and help them work as effective carbon sinks in the future.

### Our overarching focus areas are:

- Biodiversity and climate research: Exploring long-overlooked relationships between coastal biodiversity and the atmosphere.
- Synthesis and modelling: Creating ecosystem models to expand our knowledge from the Baltic Sea to global scales.
- Decision-support: Delivering policy-relevant knowledge to stakeholders.