Biodiversity changes - causes, consequences and management implications

BIO-C3

BIO-C3 GOALS

Focus on biodiversity from genotypes to ecosystems.

Investigate physiological tolerance and adaptation potential in contrasting habitats from coasts to the deep basins and along gradients of salinity, temperature or diversity.

Study biodiversity changes under different driver scenarios in the past, at present and make predictions for the future e.g. due to eutrophication, pH, fisheries, bio-invasions.

Address biodiversity from a functional and trait based perspective to understand impact of changing biodiversity on ecosystem functioning.

Assess Good Environmental State (GES) indicators to give advice and validate management tools.

BIO-C3 FACTS

Baltic Sea biodiversity research covering gene to ecosystem perspective

> 50 scientists involved

partners from 7 European countries

and 13 research institutes & universities

3.5 year project lifetime

3.7 Mio EUR budget + 3 Mio EUR infrastructure time

BIO-C3 FUNDING

InnovationsFonden
FORSKNING, TEKNOLOGI & VÆKST I DANMARK

Federal Ministry of Education and Research

Research Council of Lithuania

Academy of Finland

formas
The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning

The National Centre for Research and Development

Eesti Teadusagentuur
Estonian Research Council

BONUS
SCIENCE FOR A BETTER FUTURE OF THE BALTIC SEA REGION

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University of Hamburg

Stockholm University

National Marine Fisheries Research Institute

Estonian Marine Institute

Finnish Environmental Institute

Klaipeda University – Coastal Research and Planning Institute

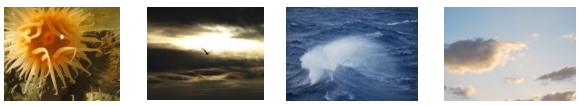
DHI

Gothenburg University

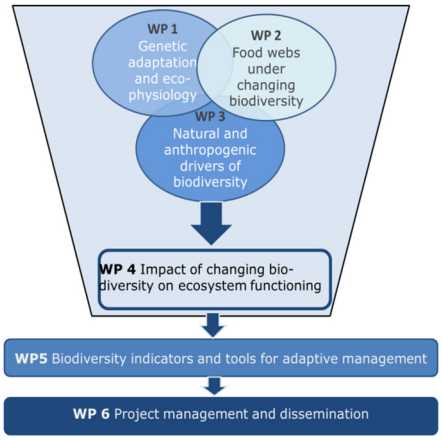
Thünen Institute – Institute of Baltic Sea Fisheries

Swedish Meteorological and Hydrological Institute

Åbo Akademi University



BIO-C3 STRUCTURE



BIO-C3 addresses biodiversity in 6 work packages.