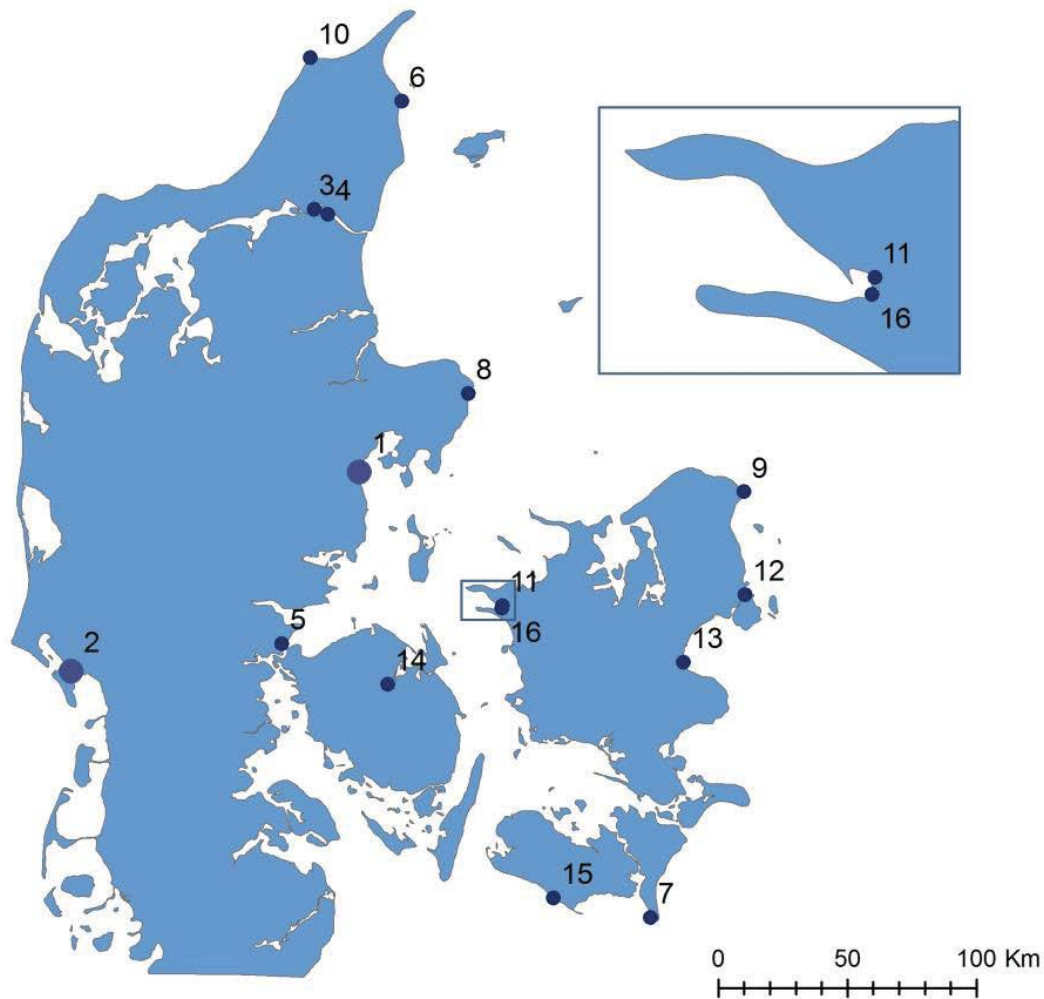


Port Sampling



1. Aarhus harbour
2. Esbjerg harbour
3. Aalborg Portland harbour
4. Aalborg harbour
5. Fredericia harbour
6. Frederikshavn harbour
7. Gedser harbour
8. Grenå harbour
9. Helsingør harbour
10. Hirtshals harbour
11. Kalundborg harbour
12. Copenhagen harbour
13. Køge harbour
14. Odense harbour
15. Rødby Ferry harbour
16. Statoil harbour (Kalundborg)



Port Sampling

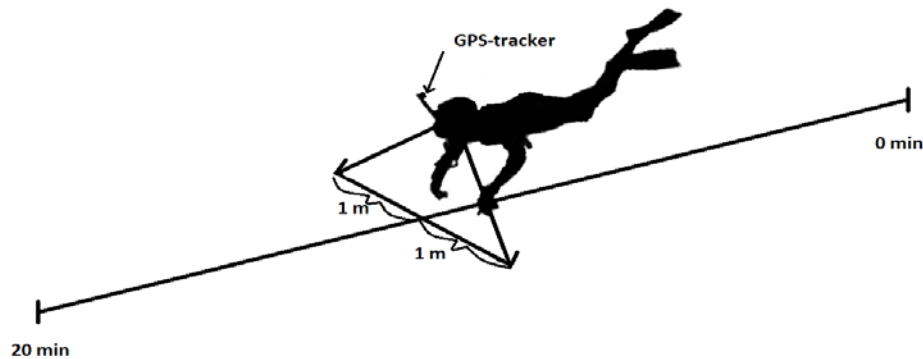
Conventional sampling methods

Sampling will be carried out with respect to the following groups of organisms:

- Plankton (phyto- and zooplankton)
- Softbottom communities (sediment infauna and epifauna)
- Hardbottom communities (fouling organisms)

- Fish (gillnets and fyke-nets)

Fish, diving at night



Port Sampling

Biomolecular methods

Environmental DNA (eDNA) will be sampled from 16 Danish harbours. The plan is to analyse for presence of DNA from 20 target species. Sampling and analysis of eDNA can be divided into three steps: Step 1: Sampling of water; step 2: filtration and storage, and step 3: DNA extraction and qPCR.

Video: <https://www.youtube.com/watch?v=2BniniPEpTc&feature=youtu.be>

