

AAU Megaproject – Blue Denmark

Ports and Coastal Areas – Biodiversity in the Limfjord

Investigating the opportunities and the potential of using Limfjord oysters (*O. edulis*) and Salicornia (*S. europaea*) on floating islands to improve the ecological condition in The Limfjord

- Nitrogen and phosphorous release from *O. edulis* and uptake by *S. europaea* was measured
- The study concluded that *O. edulis* releases sufficient amounts of nitrogen, (NH_4^+ -N), to sustain the growth of *S. europaea*, while the phosphorous uptake of *S. europaea* remained inconclusive
- Overall, the bioremediation method of combining these two organisms seems to be a viable method for improving the ecological state of the Limfjord

