

BioReef – Re-establishing European Flat Oyster and Horse Mussel Populations in the North Sea/Kattegat

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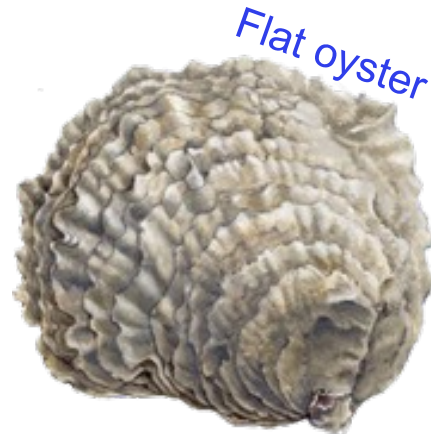
Why Re-establishment?

Two Minutes Introduction to Basic Bivalve Biology

Start their life as larvae

Low or irregular recruitment

Filter feeders



Long-lived species (>10 yrs.)

Habitat for other species

Sensitive to disturbances

Gregorius behaviour

Biogenic Reefs – Bioengineers

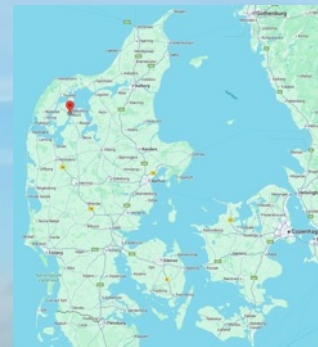


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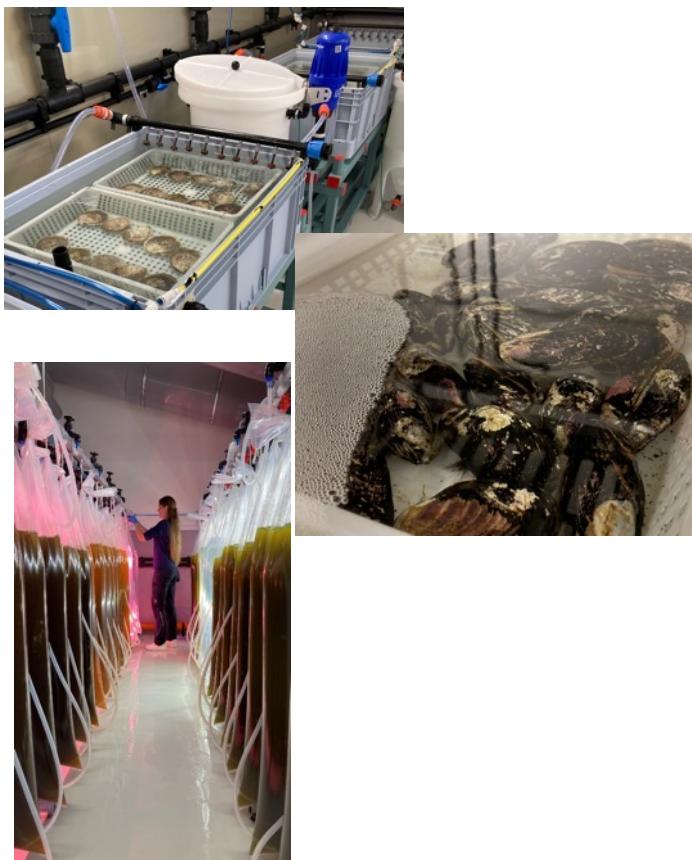
The BioReef Approach



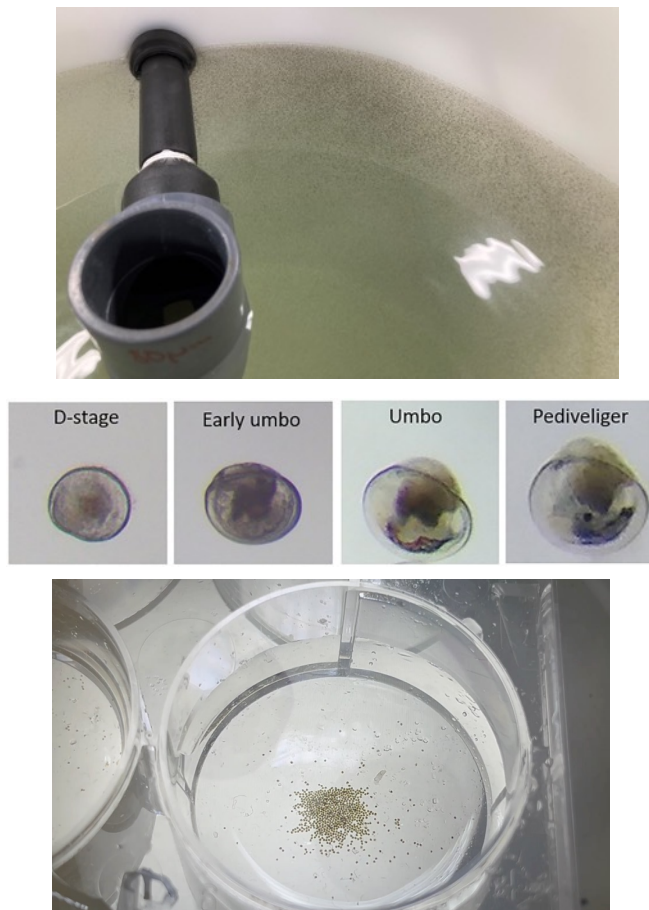
Video credit: Aris Thomasberger, DTU Aqua

BioReef – Hatchery Approach

Collection & Maintaining Brood Stocks



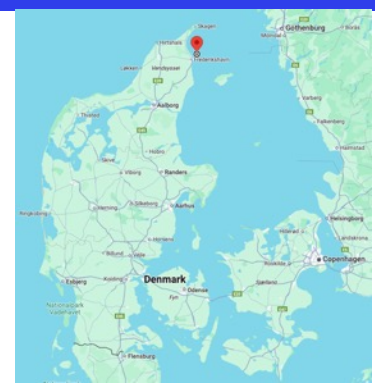
Conditioning & Spawning



Larvae Rearing & Settlement



BioReef – Hatchery Approach



Grow-out



Scaling



Deployment



