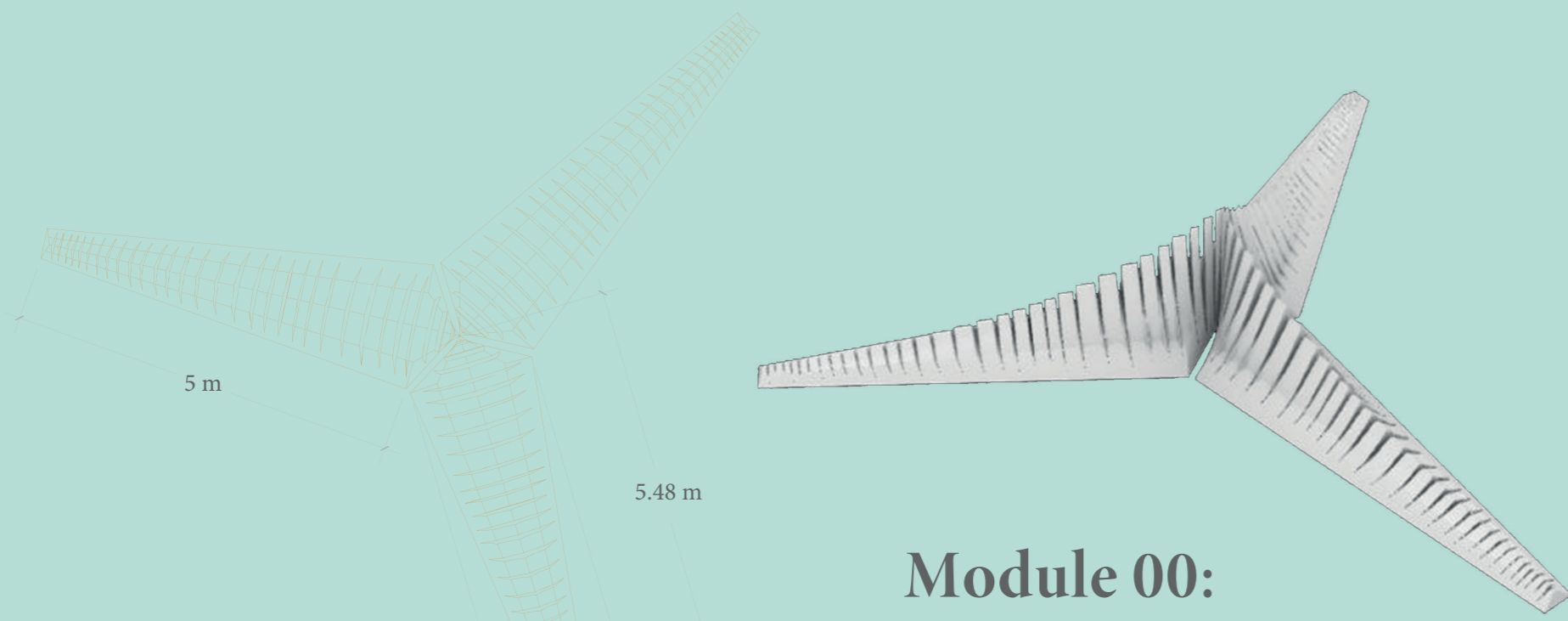
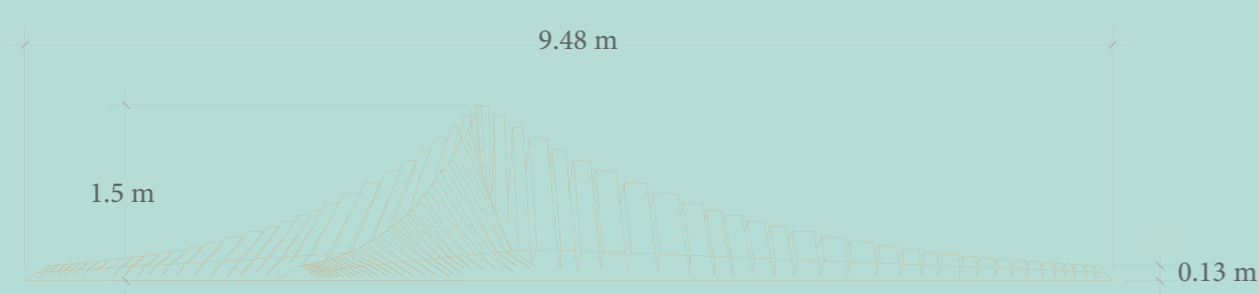


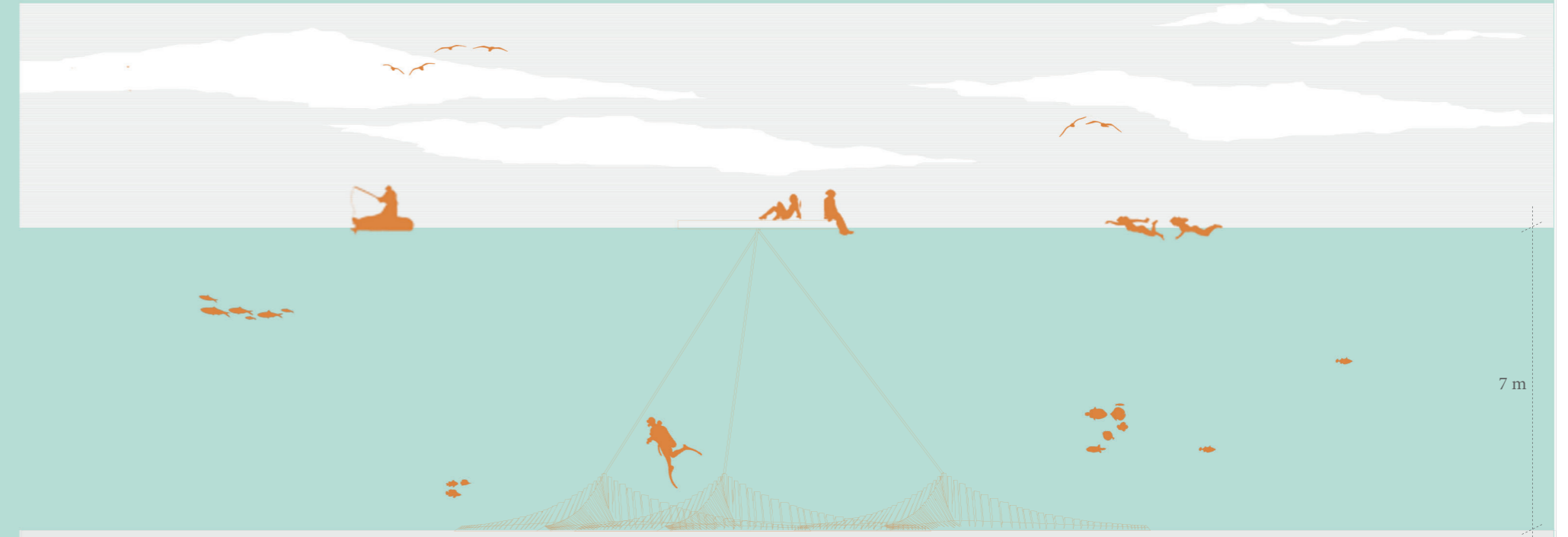
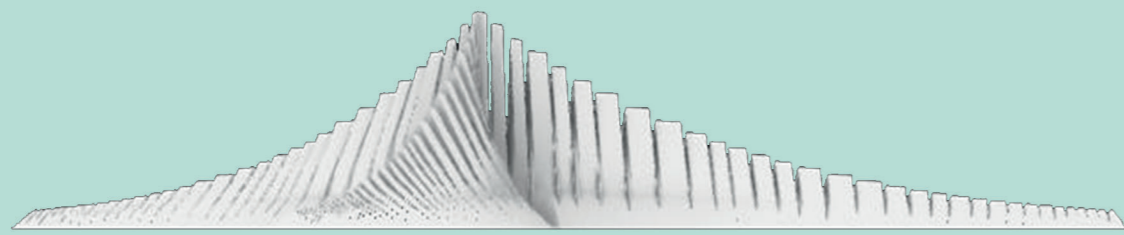
Module for Protection of the coast from the waves



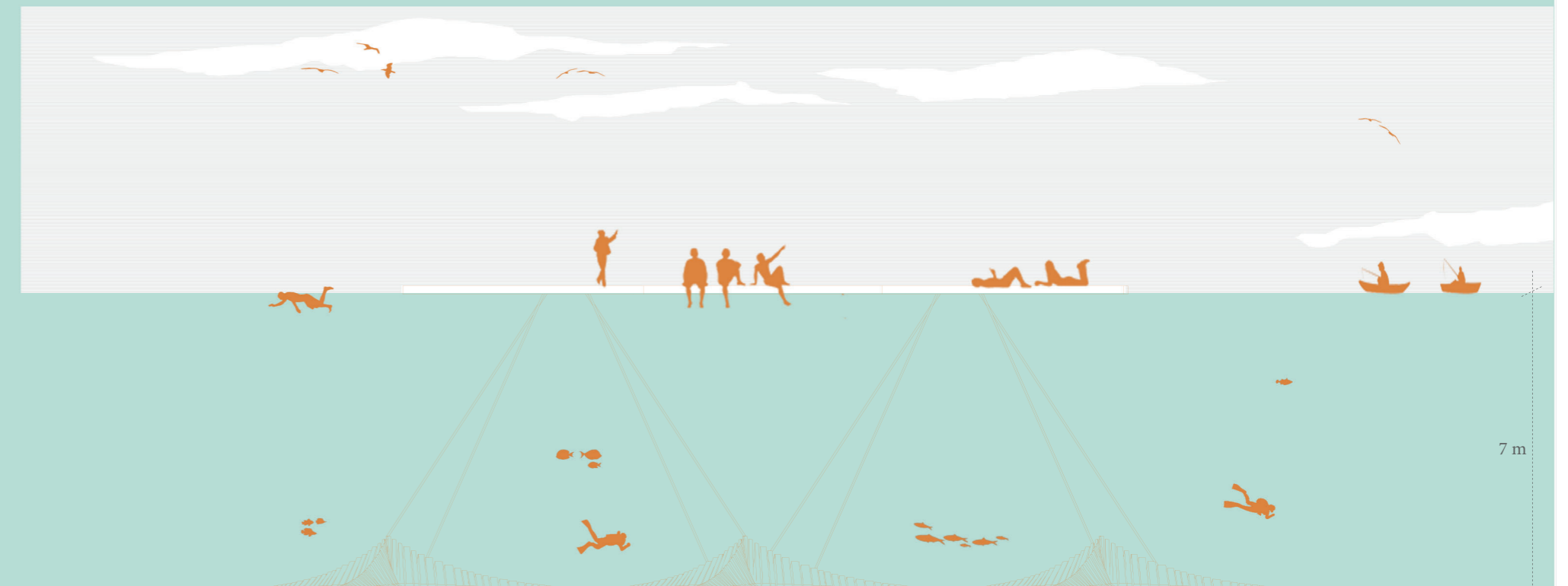
**Module 00:
Basic Module**



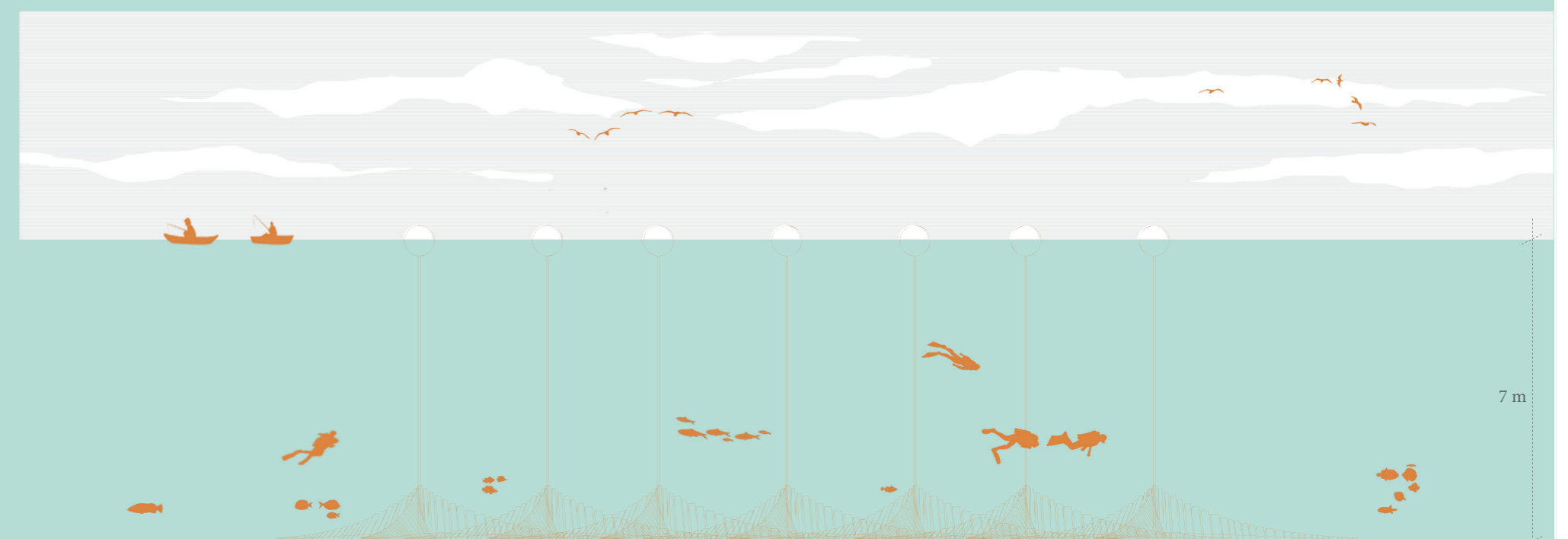
1.5 m
Another possibility of height in order to get coastal protection and a barrier against bottom trawling



Module 02: Small Floating Island (1.5 m height)

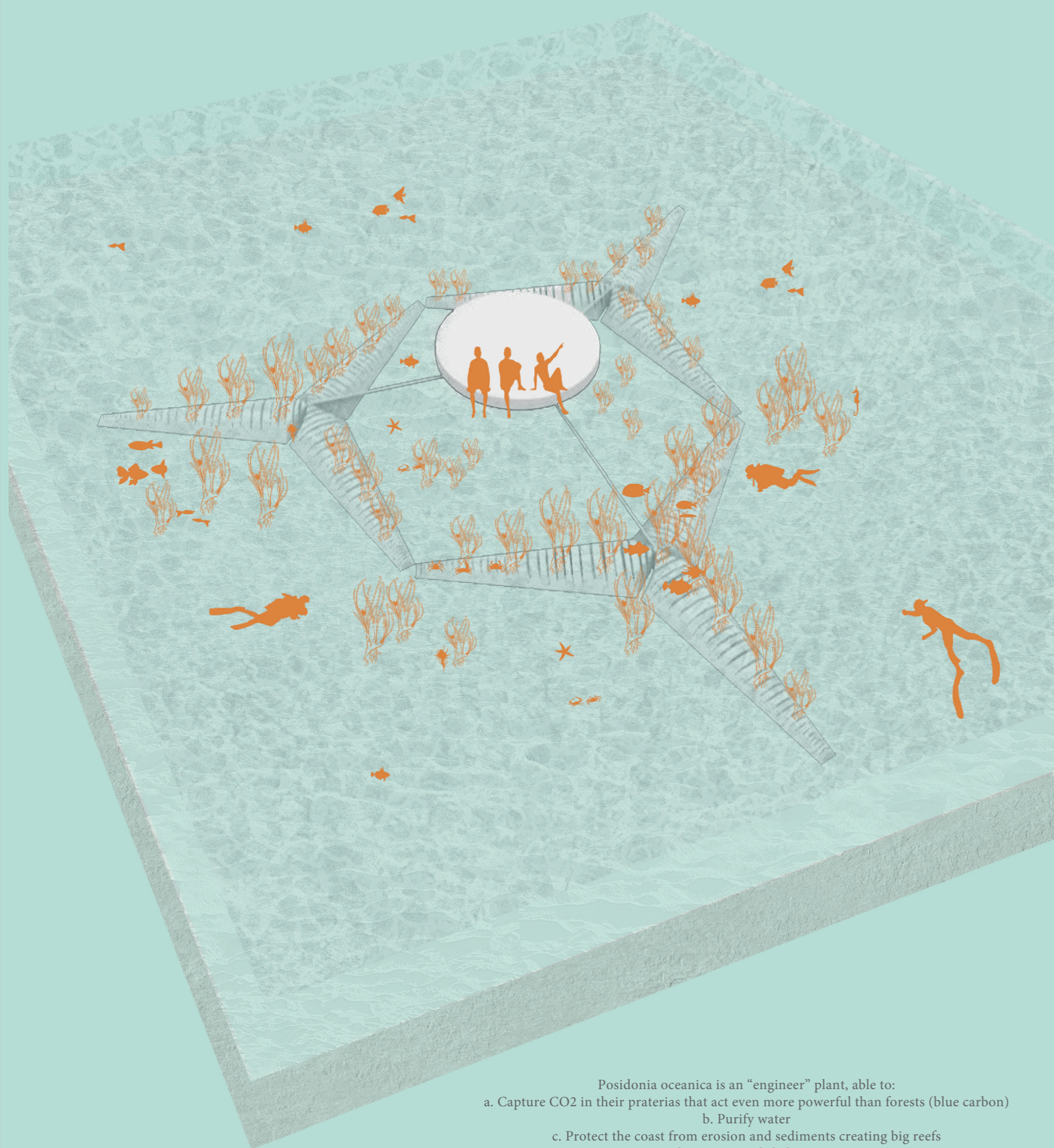


Module 03: Large Floating Island (1.5 m height)



Module 04: Floating Spheres (1.5 m height)

Living Ecosystem Improvement of a deteriorated area

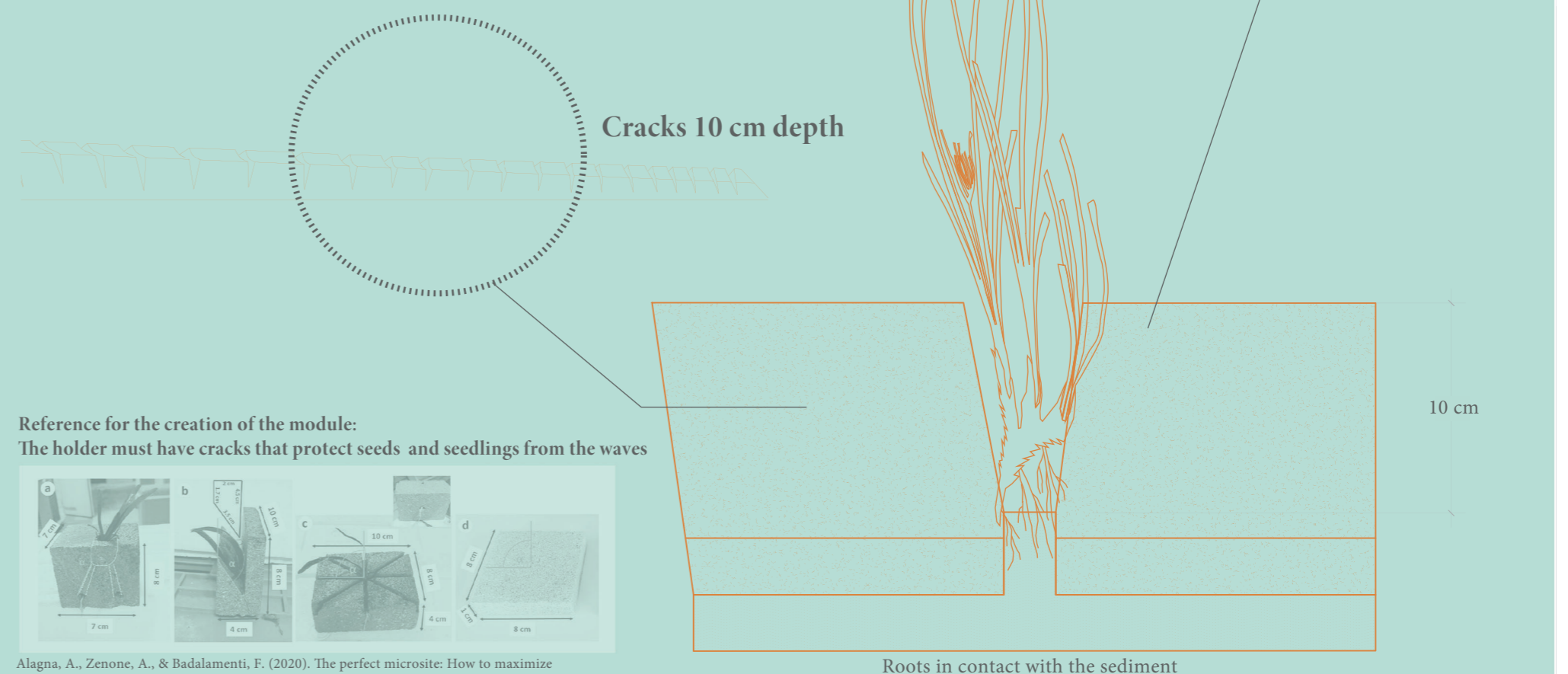


- Posidonia oceanica is an "engineer" plant, able to:
- Capture CO2 in their praterias that act even more powerful than forests (blue carbon)
 - Purify water
 - Protect the coast from erosion and sediments creating big reefs
 - Bring animals habitats

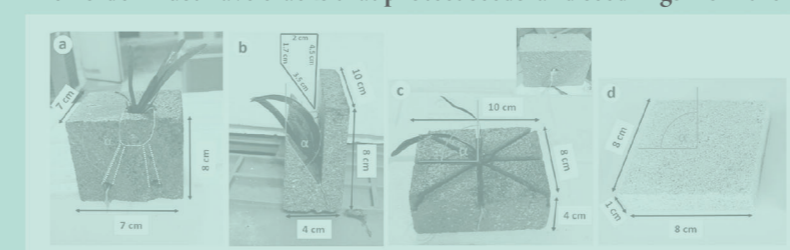
Posidonia Benefits



Material



Reference for the creation of the module:
The holder must have cracks that protect seeds and seedlings from the waves



Alagna, A., Zenone, A., & Badalamenti, F. (2020). The perfect microsite: How to maximize Posidonia oceanica seedling settlement success for restoration purposes using ecological knowledge. *Marine Environmental Research*, 161, 104846.