

MARINEFF coastal enhancement project



2018-22 Marine infrastructures: dykes, quays, piers, groynes and moorings ubiquitous on our coasts, but rarely incorporate ecosystem enhancement in their design and construction.



RECIF

2011-19 shell concrete artificial reefs to enhance biodiversity and productivity

Oyster restoration

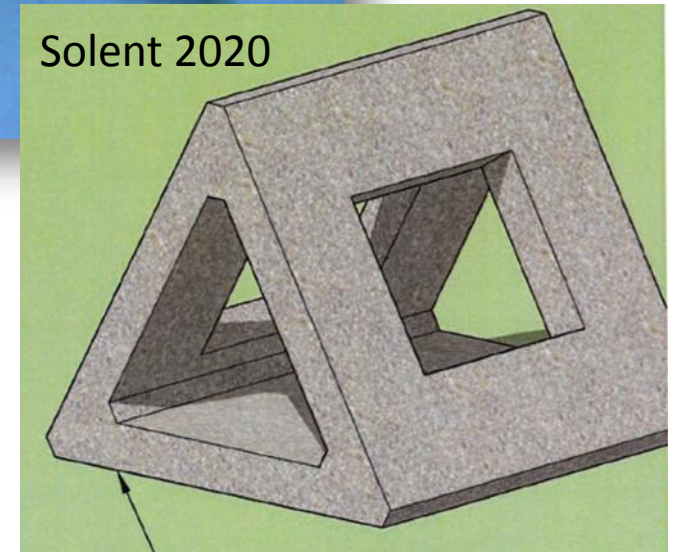


Blue Marine
Foundation



Kerala, India 1995

Elevation = improved
physiological performance
& growth.



Solent 2020

Vertipools

- Artificial rockpools created from low-carbon concrete cast in moulds allows for creation of habitat heterogeneity, including external textures
- Water retention and creation of damp, shaded areas offers important climate refugia, increasing biodiversity on plain-form coastal structures
- Vertipool trials will be scaled up to determine optimum arrangement for increasing biodiversity
- Concrete mixes will be tested for robustness and longevity to ensure final product is viable for long-term ecological enhancement solutions

