

# Bio-inspired marine anti-fouling strategies for reducing the cost of ownership of marine deployed structures

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3<sup>rd</sup> MARINE BOARD FORUM  
NEW TECHNOLOGIES FOR A BLUE FUTURE  
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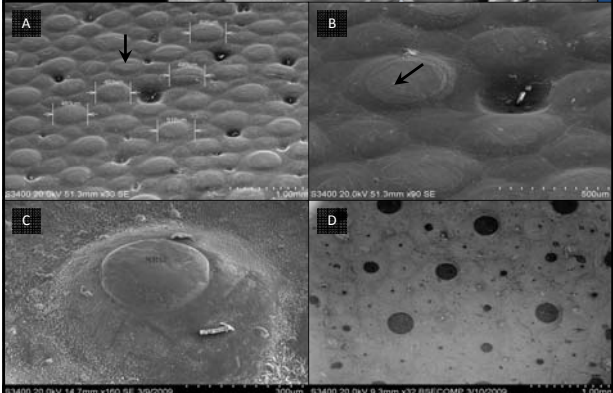
## The Challenge



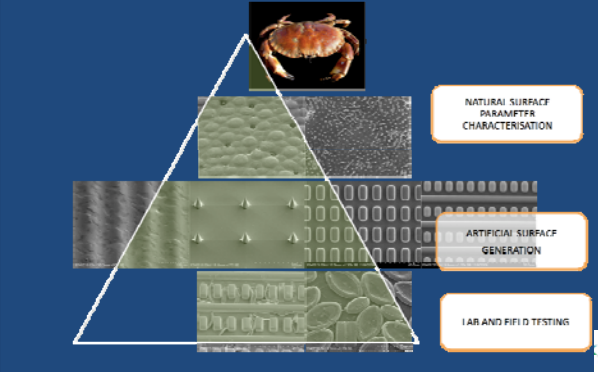
## Bio-inspired Design



## The Marine Resource



## Lessons from Nature



- NATURAL SURFACE PARAMETER CHARACTERISATION
- ARTIFICIAL SURFACE GENERATION
- LAB AND FIELD TESTING

## Biofouling organism settlement



### New Technologies for a Blue Future

Bio-inspired marine anti-fouling strategies + (b) = Reduced cost of ownership and better data quality

The diagram features a central circular image labeled '(b)' showing a sensor array. To the left, a blue circle contains the text 'Bio-inspired marine anti-fouling strategies'. To the right, another blue circle contains 'Reduced cost of ownership and better data quality'. Below the central image is a photograph of a yellow boat with a person on deck, and a 'SELEFOR' logo is visible in the bottom right corner.

### Acknowledgements

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