



Reducing Biofouling in Shellfish Cultivation

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Presentation outline

- The biofouling problem
- Aims of the CRAB Project
- Current practices
- Possible mitigation –
CRAB studies



Defining the biofouling problem

- CRAB project defined the problems and issues via:
 - Questionnaire – see workshop pack
 - Literature review and other information sources
- Review of present knowledge
 - Talk by Dr. D. I. Watson, Wednesday, Room 10, 17:00
- Use of a biofouling baseline study
 - Talk by Dr. Simone Dürr, Thursday, Room 2, 12:10

CRAB Project Aims

- Reduce the cost to the industry
- Evaluate potential strategies (current and new) incl. cost-benefit analysis
- Produce best practice guidelines for the industry
- Gain feedback on practicability of strategies from aquaculture producers

CRAB Strategies

■ Husbandry & Cleaning Practices

- Manual



- Mechanical

- Dipping

- Timing of culture – dropping lines

- Stocking densities



CRAB Strategies

- Biological control
 - Use of grazers
 - Allowing sponges to foul the shellfish
- Coatings
 - Shellfish coatings



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