

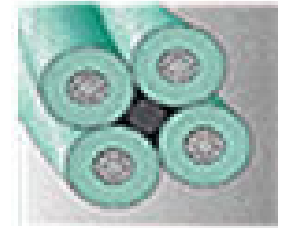
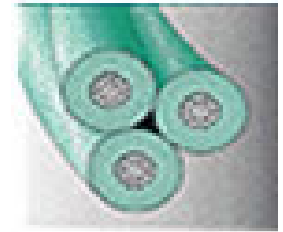
Evaluating potential biodegradable twines for use in FADs

BIOFAD project

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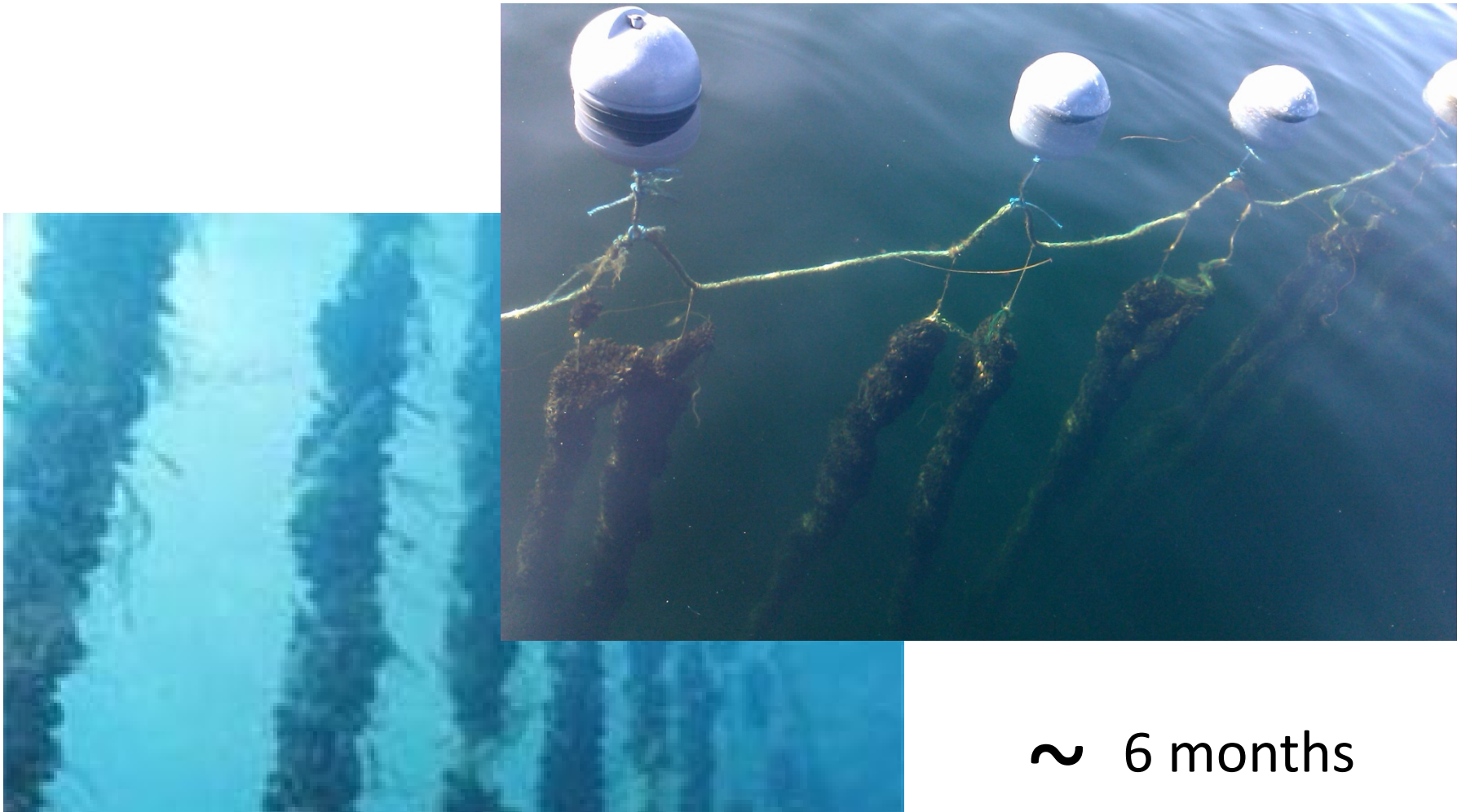
Objectives 2015

1) Review and select biodegradable materials



Objectives 2015

2) Test them in a controlled experiment



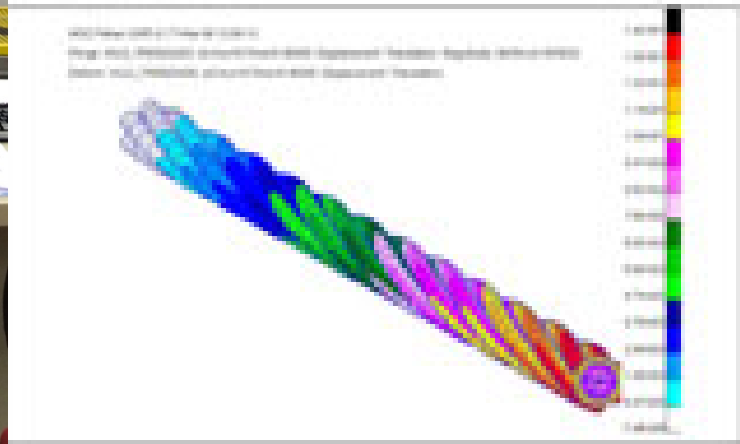
~ 6 months

Objectives 2015

2) Test the breaking-strength for:



- ✓ Different immersion periods
- ✓ Different depths of the ropes



• Development laboratory fitted with product testing equipment.

Results

Material Selection

8 twines in 4 configurations

1. Hemp
2. Sisal
3. Recycled Cotton open multi-colour
4. Recycled Cotton open 1 colour
5. Recycled Cotton drive
6. Lycra Cotton
7. Raw Cotton
8. Linen



2 plaited ropes



2 twisted ropes

(work done together with fishers)

Next Steps

- Test during a minimum of 6 months, measuring breaking strengths

Objectives 2016

- FAD design with selected materials (fishers and rope makers and scientist)
- Test in real conditions (fishers and scientist)

**GRACIAS, MERCI, THANKS, ESKERRIK
ASKO**



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