

Traditional maritime sectors



Shipping



Marine construction



Ports



Emerging value chains

Nature based coastal protection



Offshore renewable energy



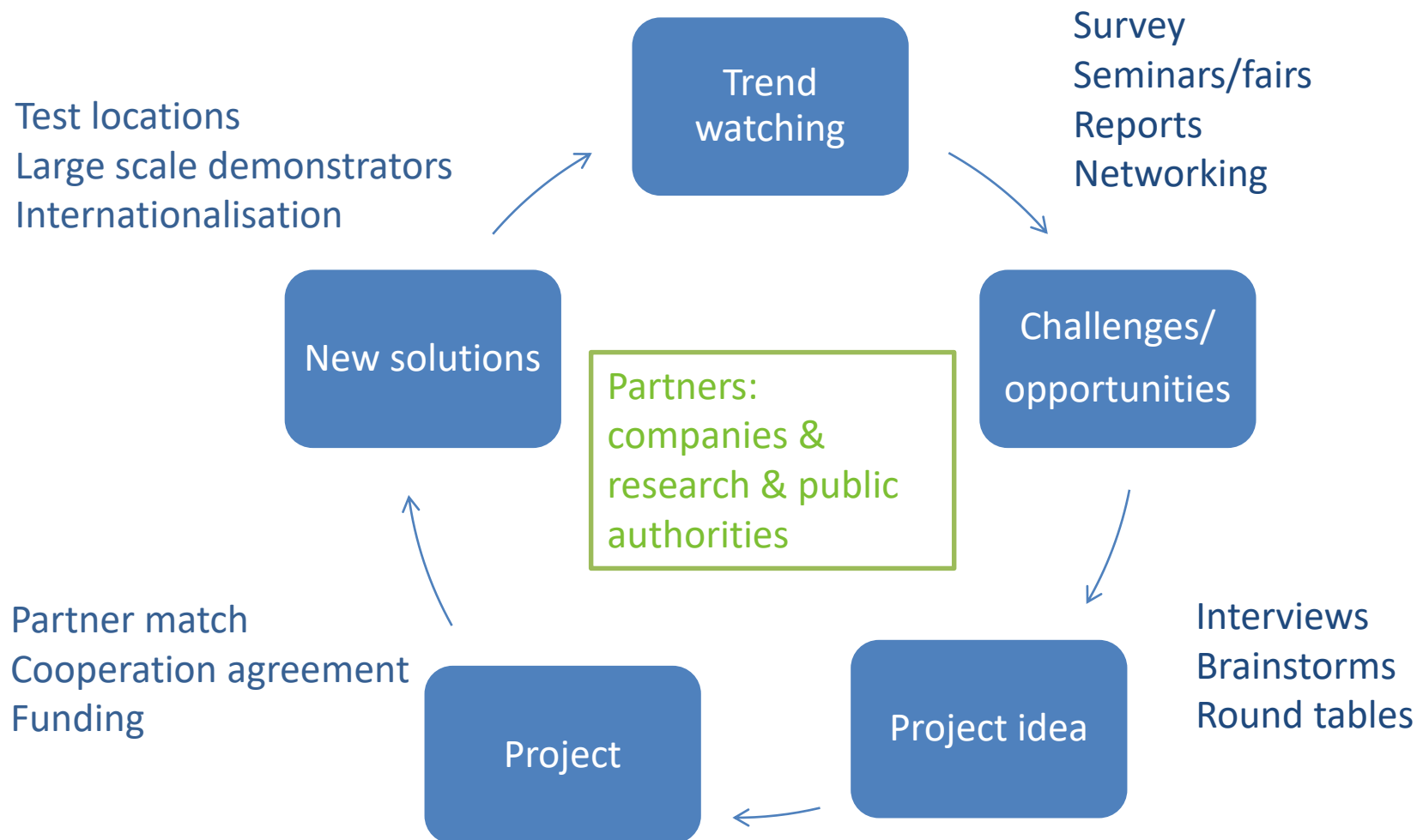
Integrated marine aquaculture



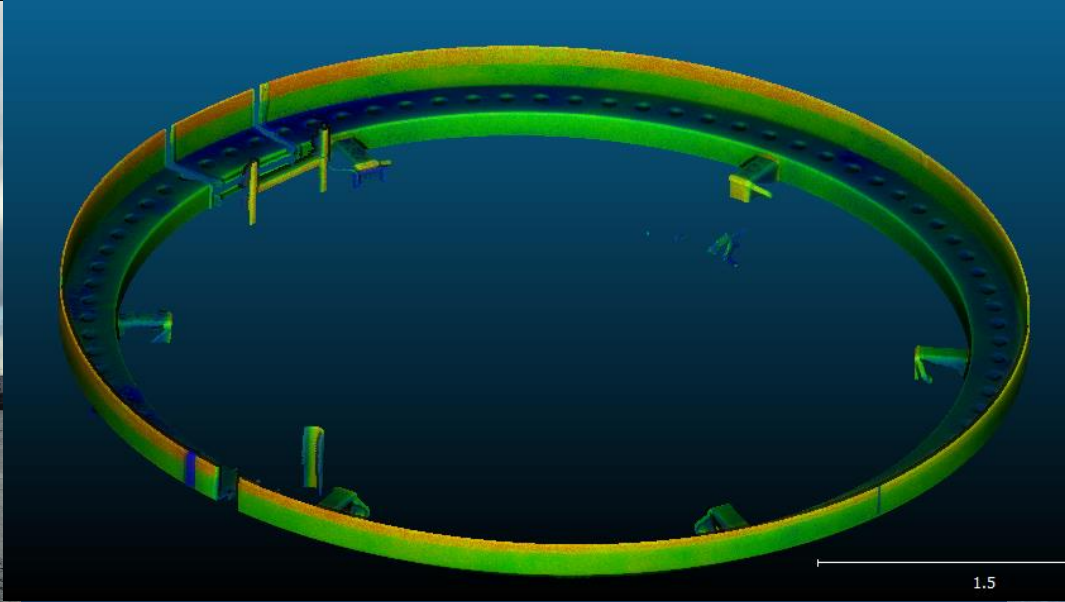
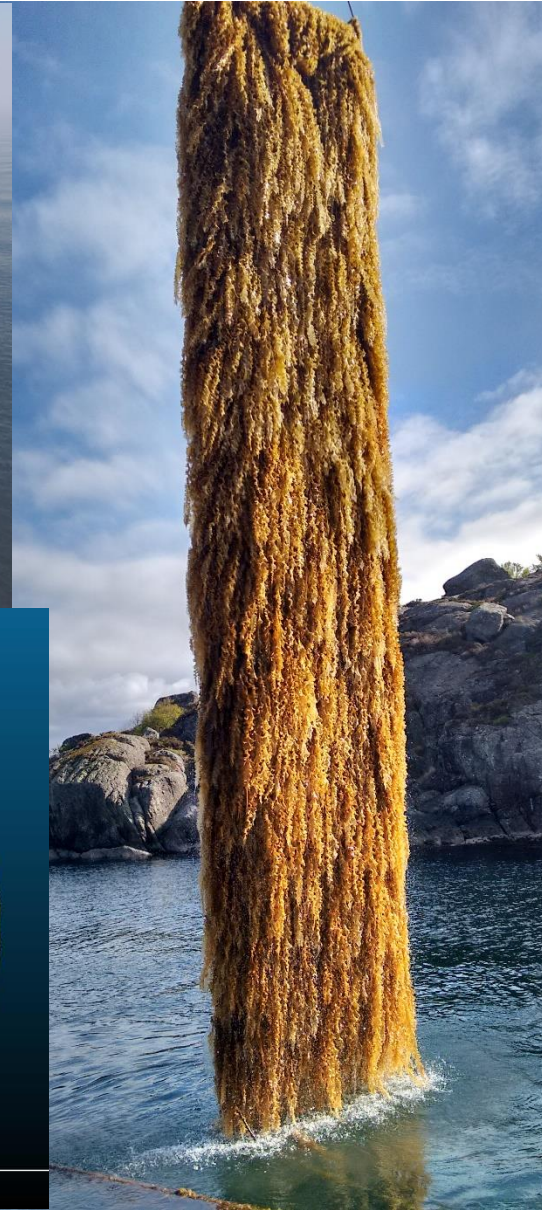
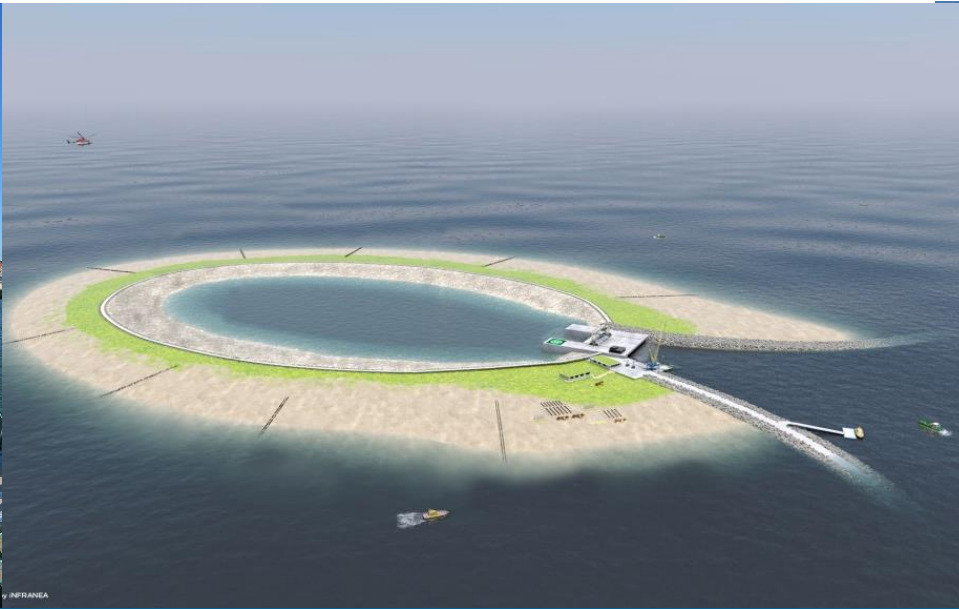
Deep sea mining



Cluster strategy



Examples



Cultural differences

Scientists like:

- Desk studies
- Simulations
- Thorough & complete
- (Long) conferences
- Publications

Industry partners like:

- Field tests
- Feasibility scans
- Learning by doing
- Short thematic sessions
 - What is in it for me?
- Confidentiality & exclusivity

Example: Belgian mussels...

Examples of science-industry collaboration



Aqua
Value

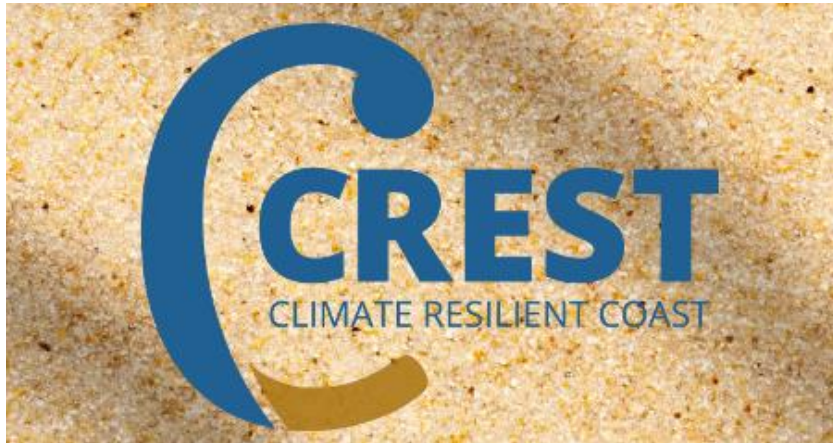
Partnership of ...

- 8 companies
- 2 research institutes
 - Aquaculture & marine ecosystem
 - Local & international
- FMC

Leading to ...

- General awareness of potential of aquaculture
- 3 pilot projects
- Field testing in the North Sea

Examples of science-industry collaboration



Partnership of ...

- 6 research institutes
- 2 governmental agencies
- 2 valorisation partners

Guidance committee

- Industry, consultants, FMC
- NGOs
- ...

Leading to ...

- Improved knowledge coastal processes
- Better understanding of flood risks
- Determine resilience of coastal system
- Validation by field tests

Tips

- Keep information sessions short and tailored to the industry needs
- Stress mutual wins:
 - Scientific work will reduce risks
 - Industry field tests will allow learning by doing
- Set-out clear rules
 - With wins for both parties

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