

COEXIST

Evaluation of spatial management with a focus on fisheries and aquaculture

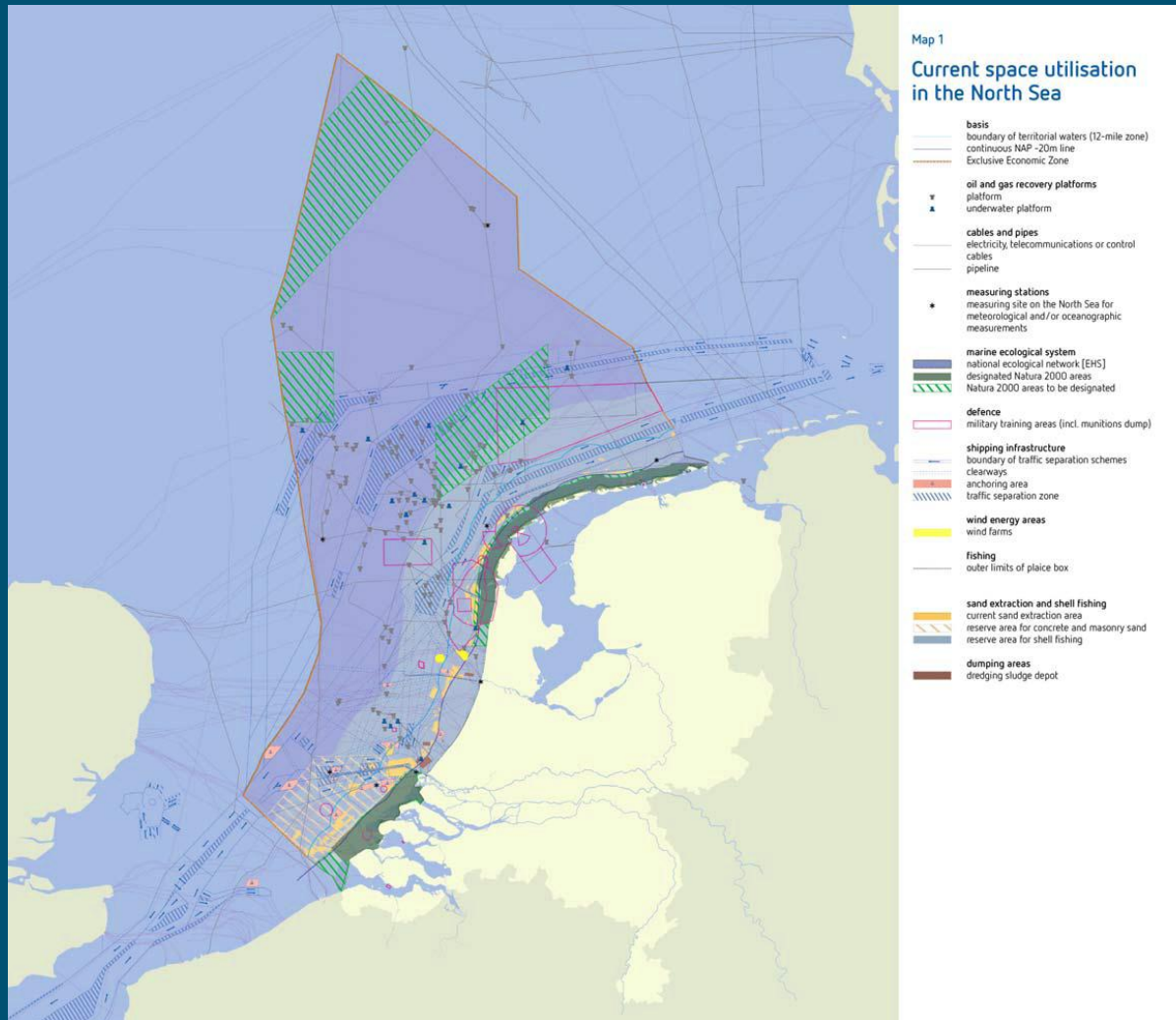
Arie Pieter van Duijn



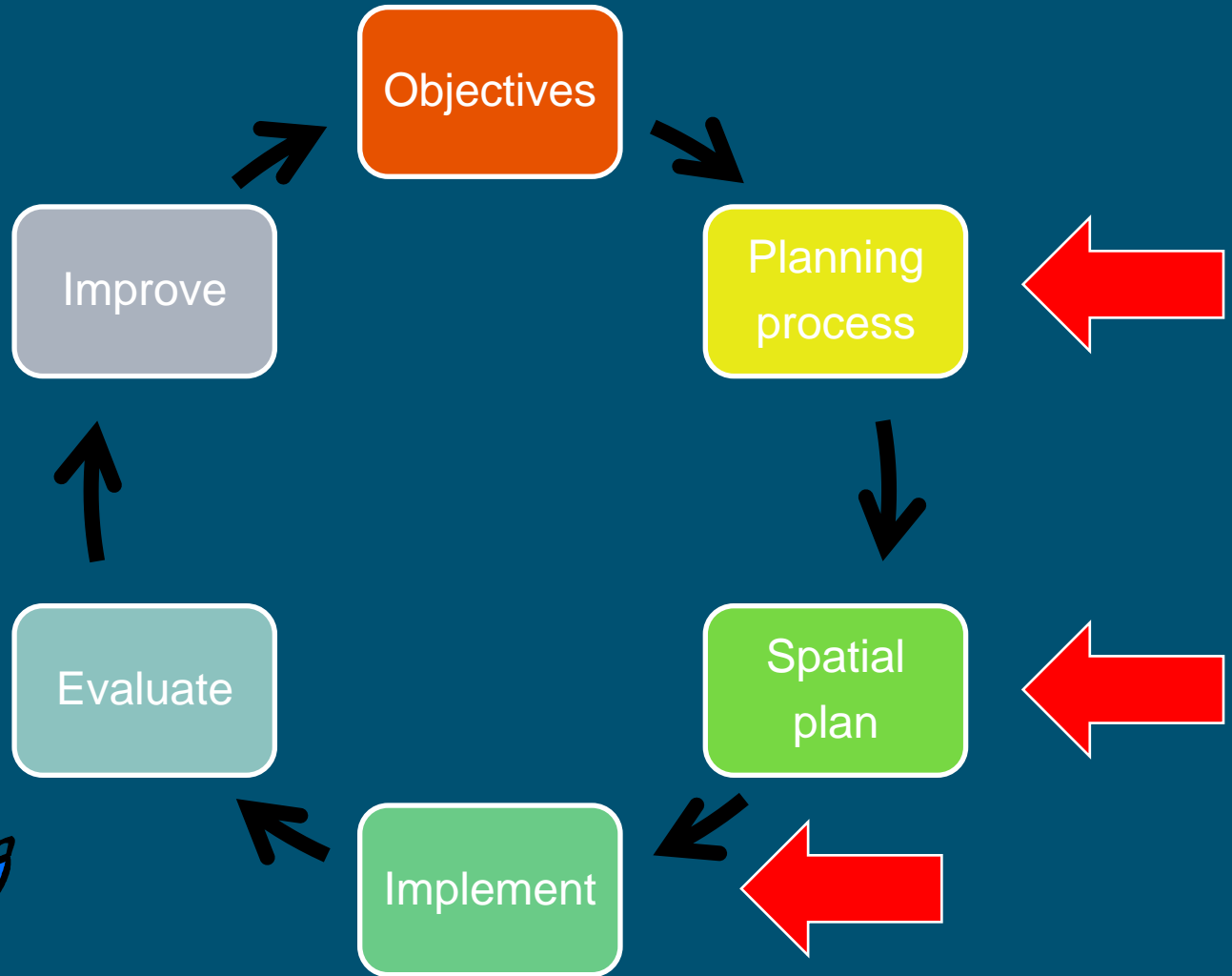
Contents

- What does this title mean?
- What is the point?
- Why does COEXIST matter?
- How do we plan to do this?
- What are the challenges ahead?

What does this title mean? (1)



What does this title mean? (2)



What's the point?

Reasons for spatial planning (UN, 2008):

1. To provide vision and consistent direction
2. To protect the rights of people
3. To protect natural systems
4. To make efficient use of resources

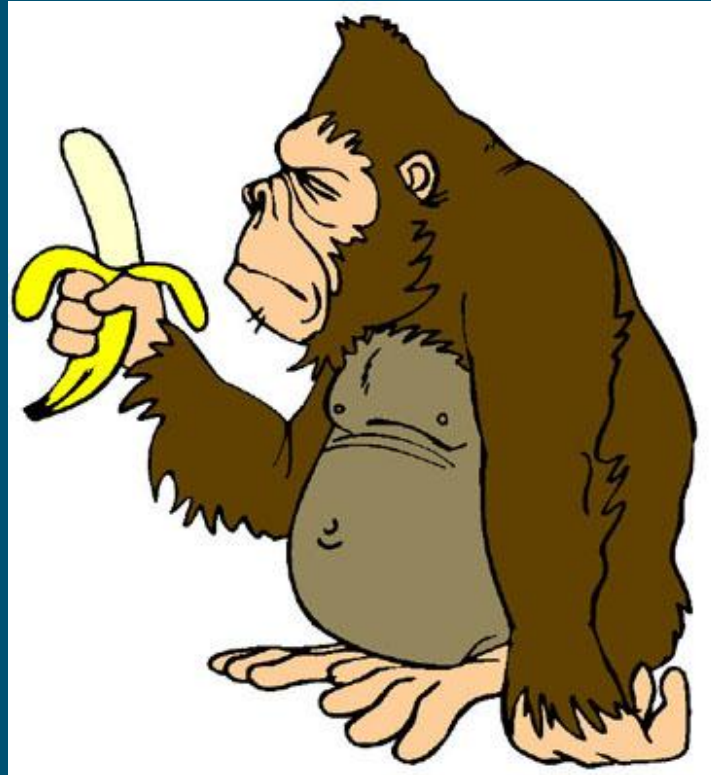
Protecting the rights of fishermen?



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Aquaculture and the BANANA principle



Build Absolutely Nothing Anywhere Near Anything

Why does COEXIST matter?

- The COEXIST project attempts to develop tools for identification of acceptable spatial management solutions to different groups of stakeholders
 - Focus on aquaculture and fisheries
 - Including societal acceptance
- Proposed solutions should be:
 - Effective
 - Efficient

How do we plan to do this? (Step 1)

- What is important to different stakeholders?
- Identify the relative importance of the different types of outcomes to different stakeholders
 - Identify objectives
 - Weight objectives

Assess THE impact (Step 2)

- Specify indicators to measure impacts on the economic, social and environmental conditions
- Measure the impacts

- Whose objectives are achieved ? (Step 1)
- However, we don't know if the impact of specific measures (Step 3)

Impact of individual measures (Step 3)

Spatial measures

Human behaviour

Impact

Intended / unintended (+/-)

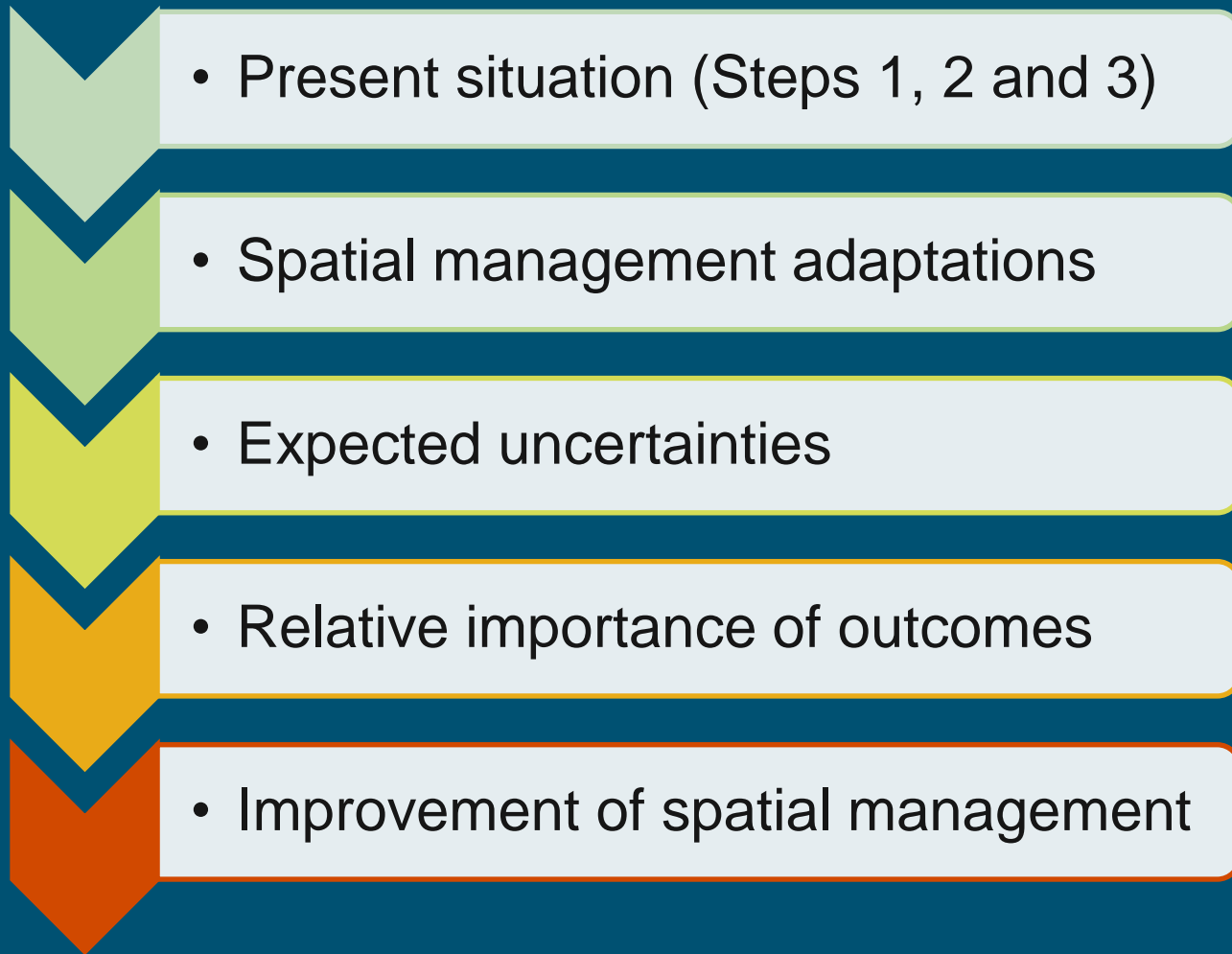
Cross-boundary effects (marine / terrestrial)



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Propose improvements (Step 4)



Some of the challenges ahead

- Assessing the impact (data, models)
- Assessing the impact of individual measures
- Take into account the cross-boundary effects
- What if there is nothing to evaluate

Thank you for your attention

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