

SCIENCE-POLICY INTERACTIONS: PROSPECTS FOR ACTION

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Science-policy interactions Wadden Sea

- Challenges:
 - Complexity, dynamics, uncertainty
 - Disputes about knowledge
- Our point of departure:
 - Science & policy often well-connected
 - Yet, room for learning and improvement
 - Ongoing reflection & nuanced approach needed

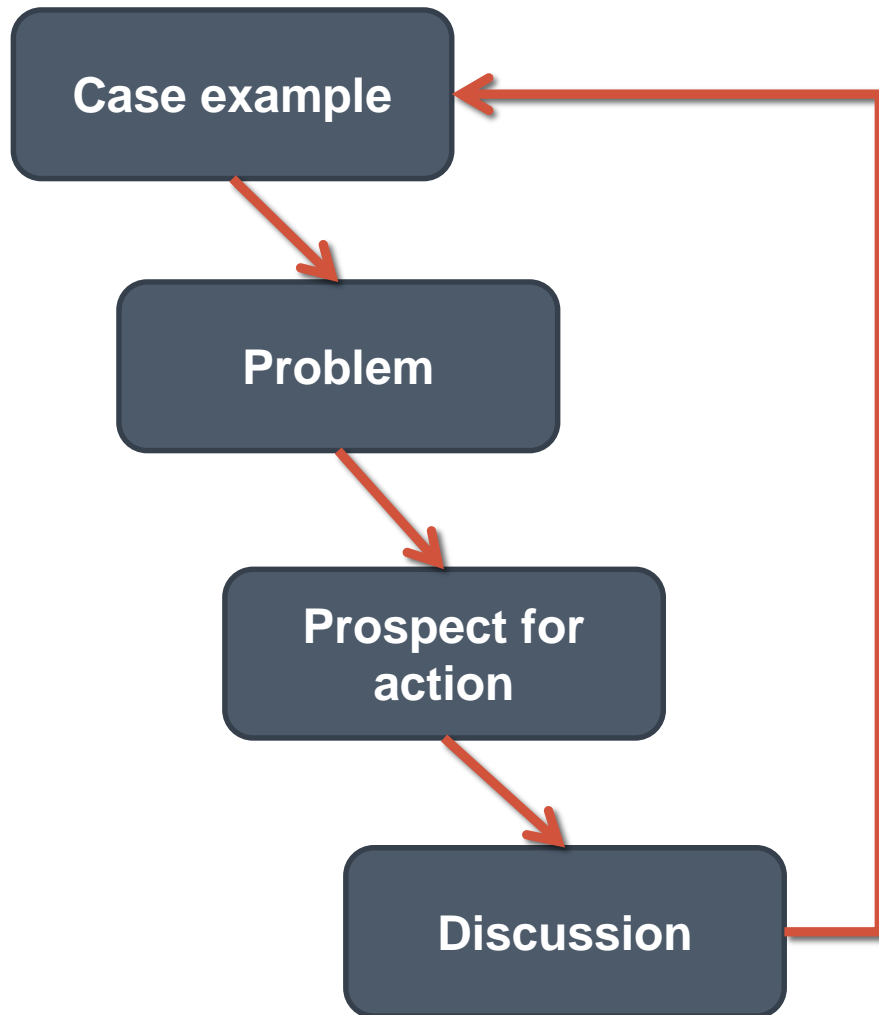


Prospects for action: introduction

- Background: collaboration ZKO
- Aims:
 - Engage (translate findings to practice)
 - Stimulate (reflection and debate)
- “Prospect for action”=
 - A way of thinking and acting that contributes to improved interactions between science and policy



Outline



Themes:

1. Integration
2. Learning
3. Reflection and organized dispute

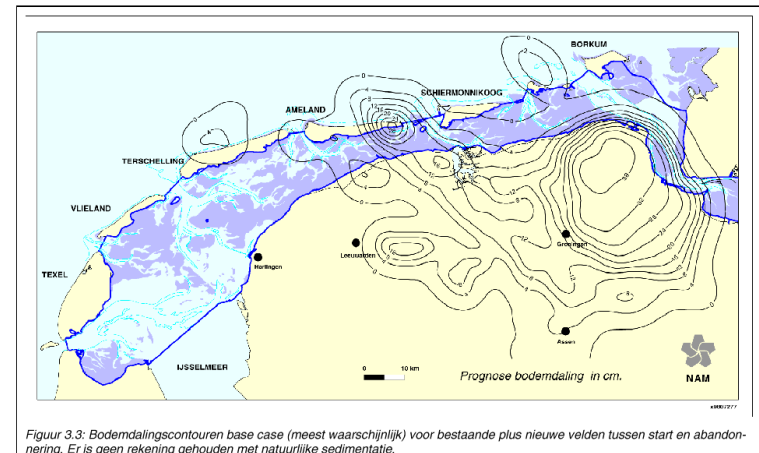
Prospect for action: Integration

Integration of policy fields

Cockle fishery



Gas mining

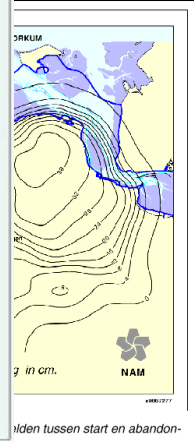
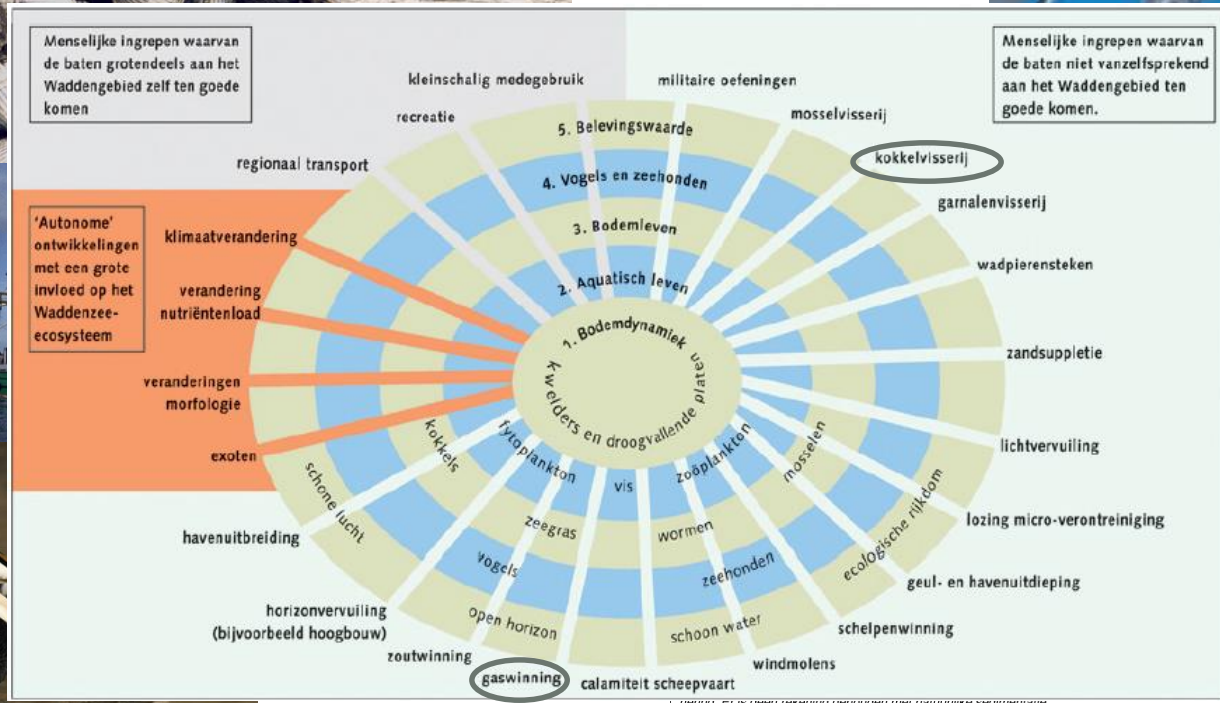
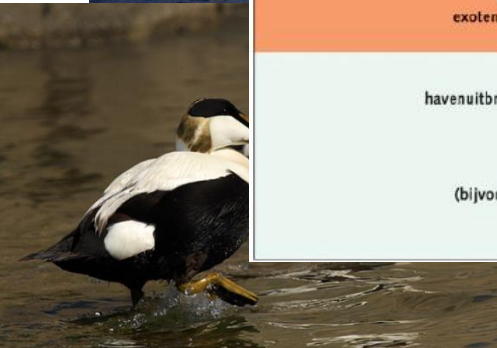


Figuur 3.3: Bodemdalingscontouren base case (meest waarschijnlijk) voor bestaande plus nieuwe velden tussen start en abandonnering. Er is geen rekening gehouden met natuurlijke sedimentatie.

The cascade model

Cockle fishery

Gas mining



...tussen start en abandon-
nering. Er is geen rekening gehouden met natuurlijke sedimentatie.

The problem of knowledge boundaries

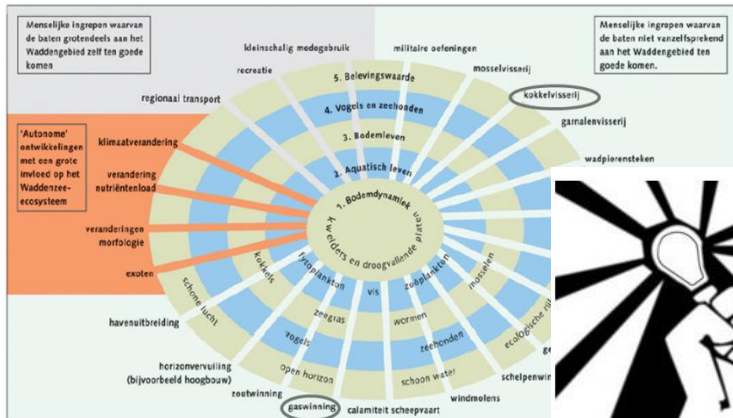
Knowledge boundaries: between different types of knowledge and between different interpretations

- Within science
- Within policy
- Between science and policy



Prospects for action: Integration

- Integrative concepts
- Integration processes
- Integrative knowledge systems



Discussion

- Who has ever experienced problems related to knowledge boundaries (between scientific disciplines, policy sectors and/or science and policy)?

Please share your experience and ideas:

- Did you achieve integration, and if so, how?
- How can integration be further stimulated?

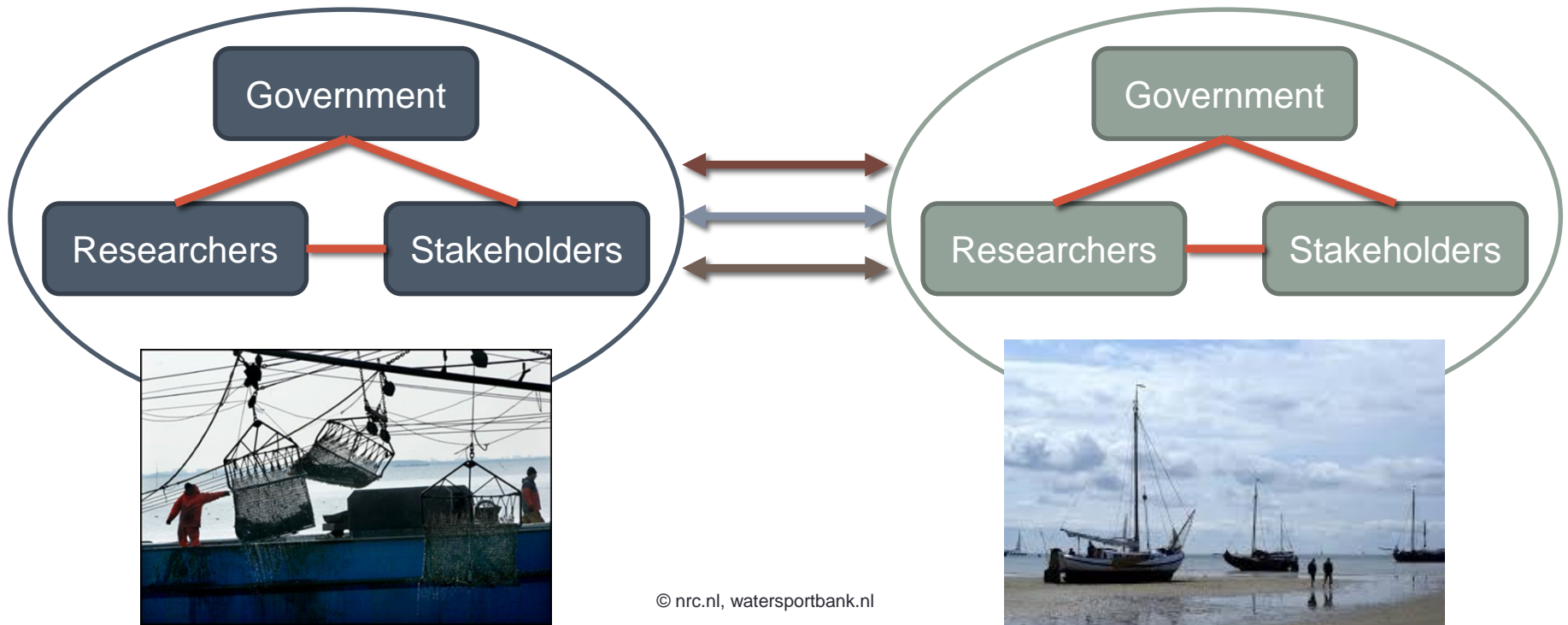
Prospect for action: Learning

Mussel fishery transition



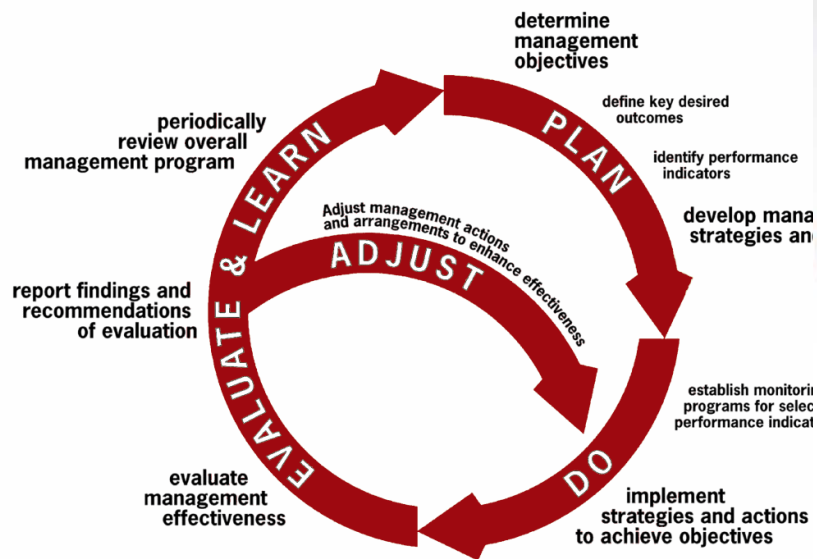
The problem of limited learning

- Limitations to learning:
 - Within arenas
 - Between arenas
 - Narrow concept of relevant knowledge



Prospects for action: learning

- Learning by doing, adaptive management
- Stimulate knowledge exchange between arenas
- Broaden the view of knowledge (experiential & process knowledge)



Discussion

- Who has ever experienced limitations to knowledge exchange between arenas?

Please share your experiences and ideas:

- Did knowledge exchange come about, and if so, how?
- How can learning concerning the Wadden Sea be further stimulated?

Prospect for action:
Reflection and organised dispute

Marconi project



Marconi project



The problem of frustration

“Why don’t they do what we tell them to do?”

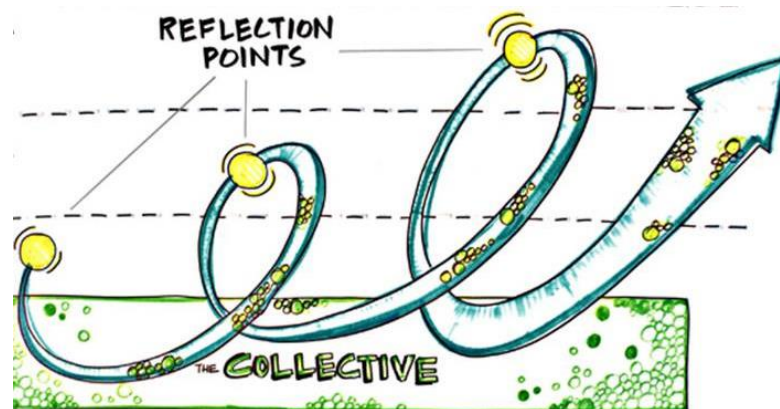
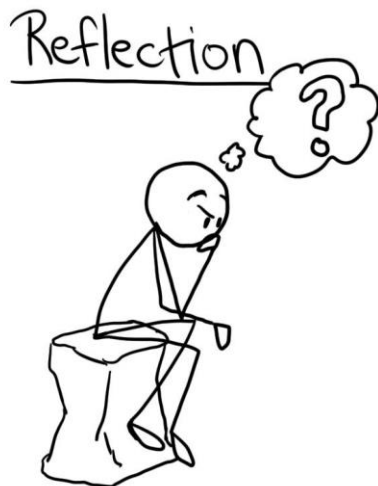
Role of expectations:

- of science-policy relations
- of the content of knowledge



Prospects for action:

- Reflection on expectations
- Reflection within a process
- Organized dispute



Discussion

- Who has ever experienced frustrations concerning science-policy interactions?

Please share your experience and ideas:

- Were you able to overcome or prevent such frustrations, and if so, how?
- Where do you see possibilities of using reflection and organised dispute?

Conclusion

- Ongoing discussion and reflection needed
- Prospects for action:
 - Use integration to cross knowledge boundaries
 - Stimulate learning within and between arenas
 - Use reflection and organized dispute to counter frustration
- Please experiment, try out, apply!



Van frustratie naar integratie:

Handelingsperspectieven om
kennis en beleid over de Waddenzee
beter op elkaar aan te laten sluiten

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- Many thanks to the workshop participants and others who helped us
- Feedback is more than welcome (e-mail addresses provided in the booklet)
- Thank you for your attention!

