



IAIA 21

VIRTUAL EVENT

#iaia21

SEA for complex and dynamic decisions

- experiences with the Dutch National Water Programme -

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5. How to maximize the impact of SEA





1. Introduction (1/2)

The Netherlands:
Water is everywhere

A lot of water challenges



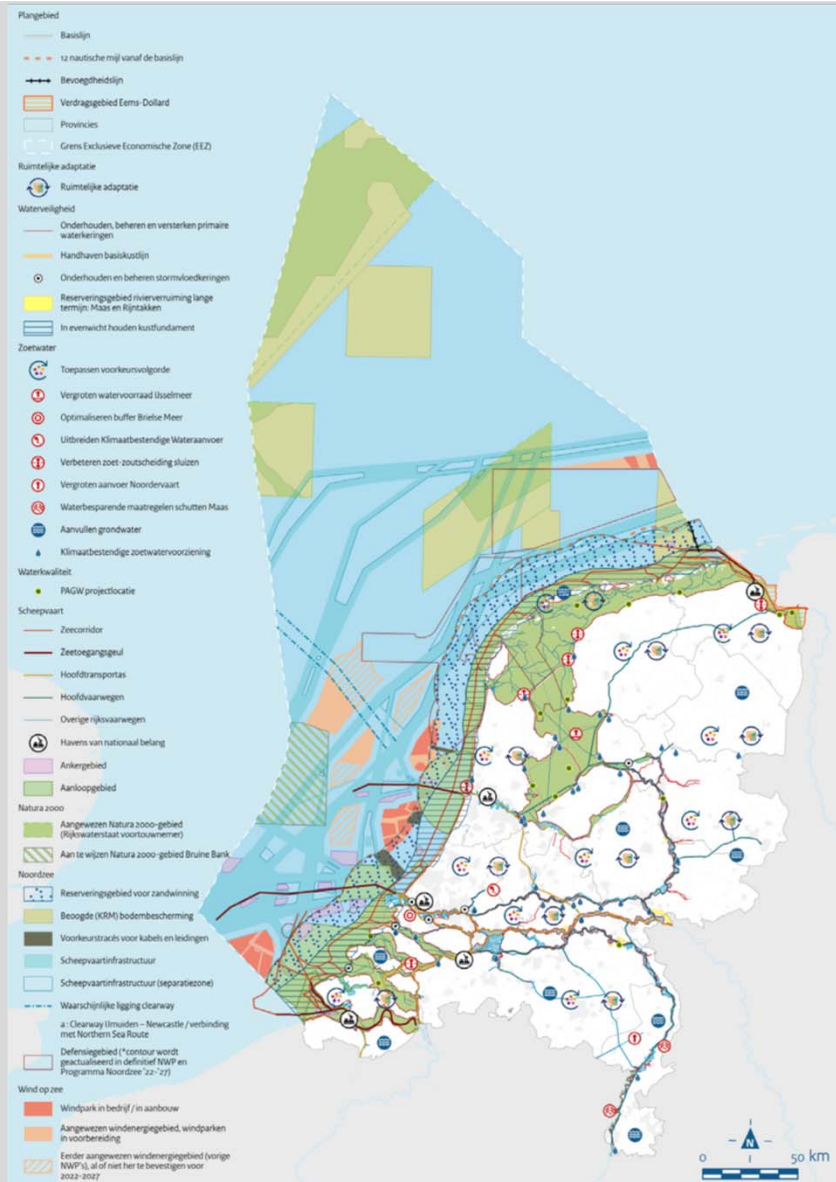
1. Introduction (2/2)

National Water Programme
2022-2027

Existing and new policy issues

Outlook for 2050

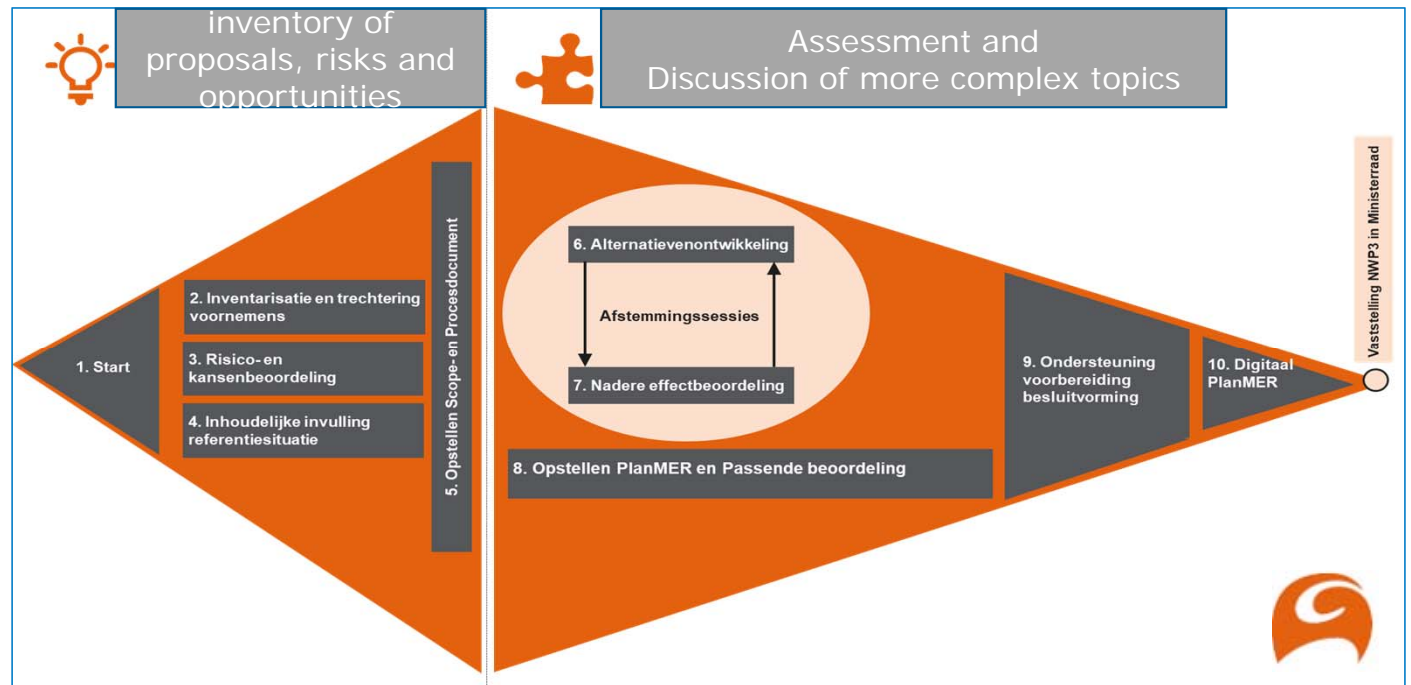
International obligations





2. SEA process (1/2): challenging features

- Complexity
- Dynamic
- Knowledge





3. SEA process (2/2) the assessments

Table 1 Relationship between intentions and water objectives

- = there is a negative relationship, 0 = there is a neutral relationship, + = there is a positive relationship, n/a = there is no relationship

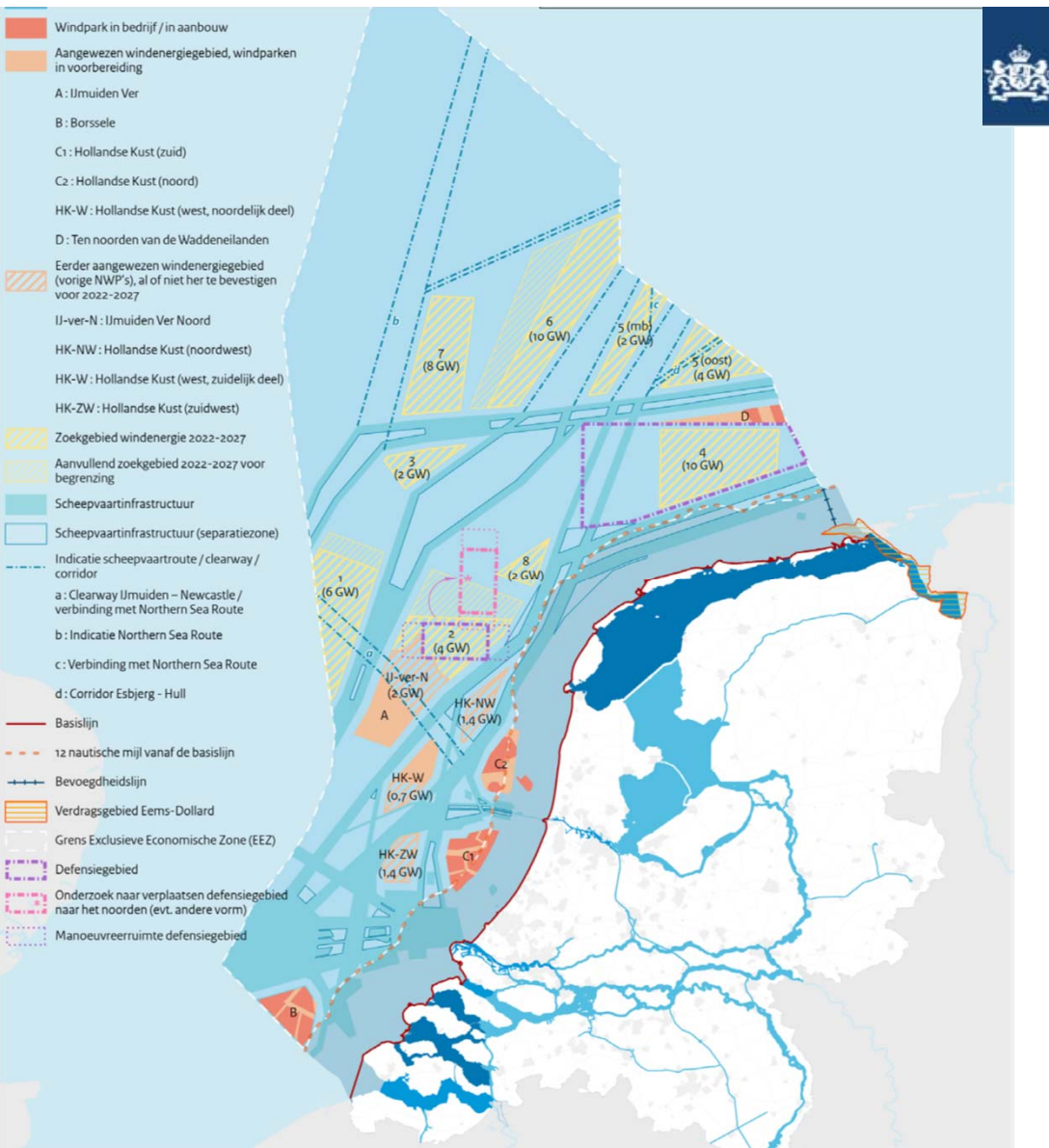
water objectives	Climate adaptation	Flood risk management	Freshwater	Quality of surface water	Groundwater	Shipping
new proposal						
Moderate Peak Water Level Management IJsselmeer Region	+	0	n/a	0	n/a	n/a
Strategy Climate-Proof Freshwater Supply Main Water System	+	n/a	+	+	+	-
Active Groundwater Storage Management	+	n/a	+	+	+	n/a
Programme of Measures for River Basin Management Plans 2022-2027	+	+	0	+	n/a	n/a
Programmatic Approach to Major Waters	+	n/a	+	+	n/a	n/a
No Sale of Sand from Navigation Channel Maintenance in Wadden Region	+	+	n/a	0/+	n/a	n/a
Spatial Reservation 27 GW Wind at Sea	n/a	n/a	n/a	0	n/a	0
Infrastructure for CO ₂ storage in Empty Gas Fields in the North Sea	n/a	n/a	n/a	0	n/a	n/a
MSFD Restrictions on Fisheries	n/a	n/a	n/a	+	n/a	n/a
Upscaling Rijkswaterstaat's Area for Generating Sustainable Energy	n/a	0	n/a	0/-	n/a	-

1) Goal-achievement

2) Impact of new proposals

- Water objectives
- Environmental impact
- Cumulative effects (per area)
- Effects on habitats
- Spatial claims

3) Consistency spatial policy



3. SEA results: Offshore Wind Energy (1/3)

- 8 search areas (8500 km²)
- SEA analyses search areas
- half of these to be designated



SEA results: scarcity of space (2/3)

- Do spatial water claims 'obstruct' each other?
 - No conflicts indicated
- Consistency with National Spatial Policy?
 - Possible risks indicated





3. SEA results: quality surface water and groundwater (3/3)

- Objectives under pressure
- SEA facilitates discussion
- Building blocks for additional policy





4. Summary: the impact of the SEA

- Assessed the environmental effects of new proposals.
- Controlled the consistency with spatial policy
- Generated solutions: complex problem water quality



5. How to maximize the potential impact of SEA

- Make clear what the intended impact of the SEA is
 - control and monitor policy or provide information?
- Discuss opportunities and risks
 - This will stimulate exchange of information
- Focus on the most challenging objectives
 - profoundly analyze them
 - creatively provide new methods to contribute to the objectives.

Let's continue the conversation!

Post questions and comments via chat in the IAIA21 platform.



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