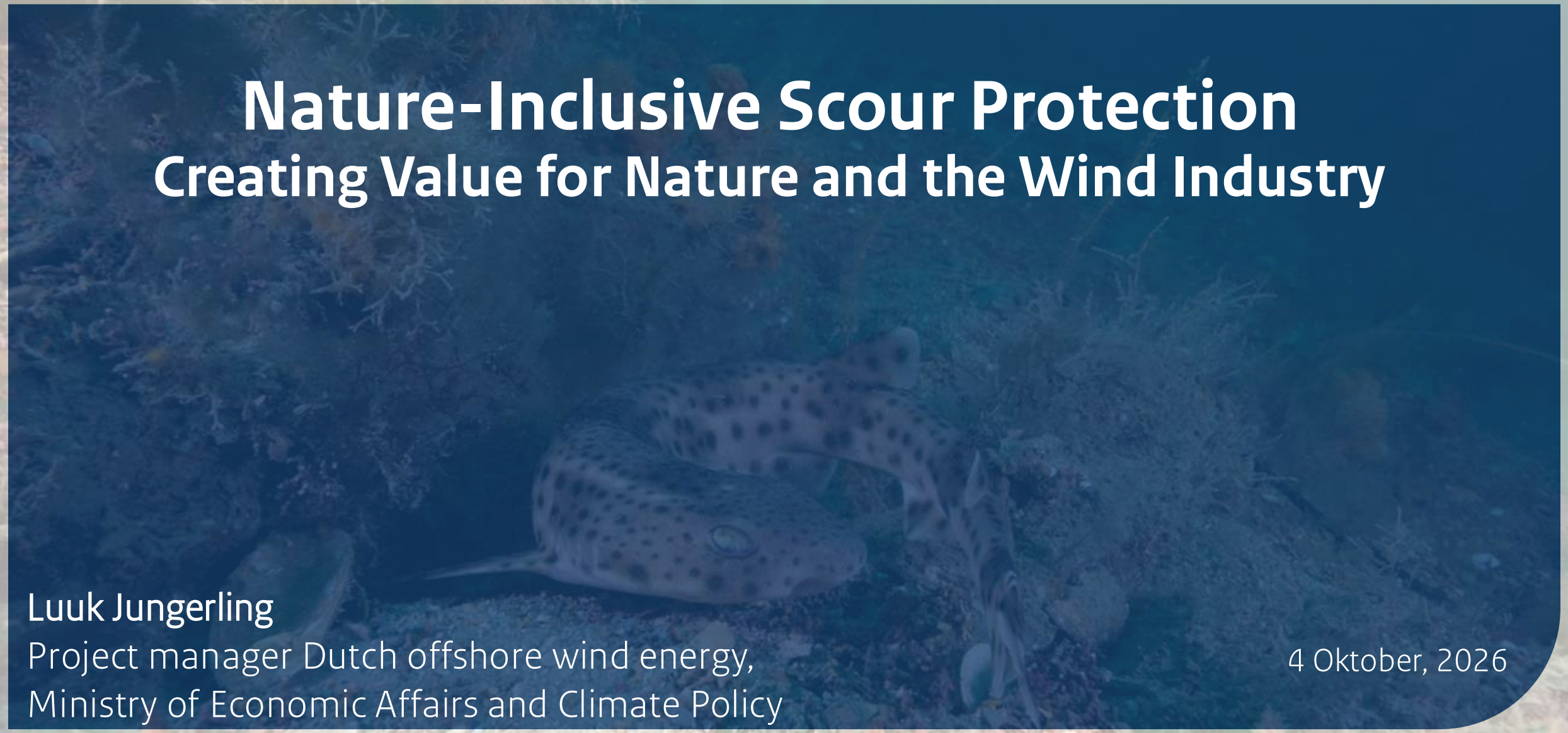
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Nature-Inclusive Scour Protection
Creating Value for Nature and the Wind Industry



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4 Oktober, 2026

Dutch Offshore wind process

- Designation of wind farm zone(s)
- Road map
- Start site decisions + EIA
- draft site decisions+ EIA
- final site decisions

Tender

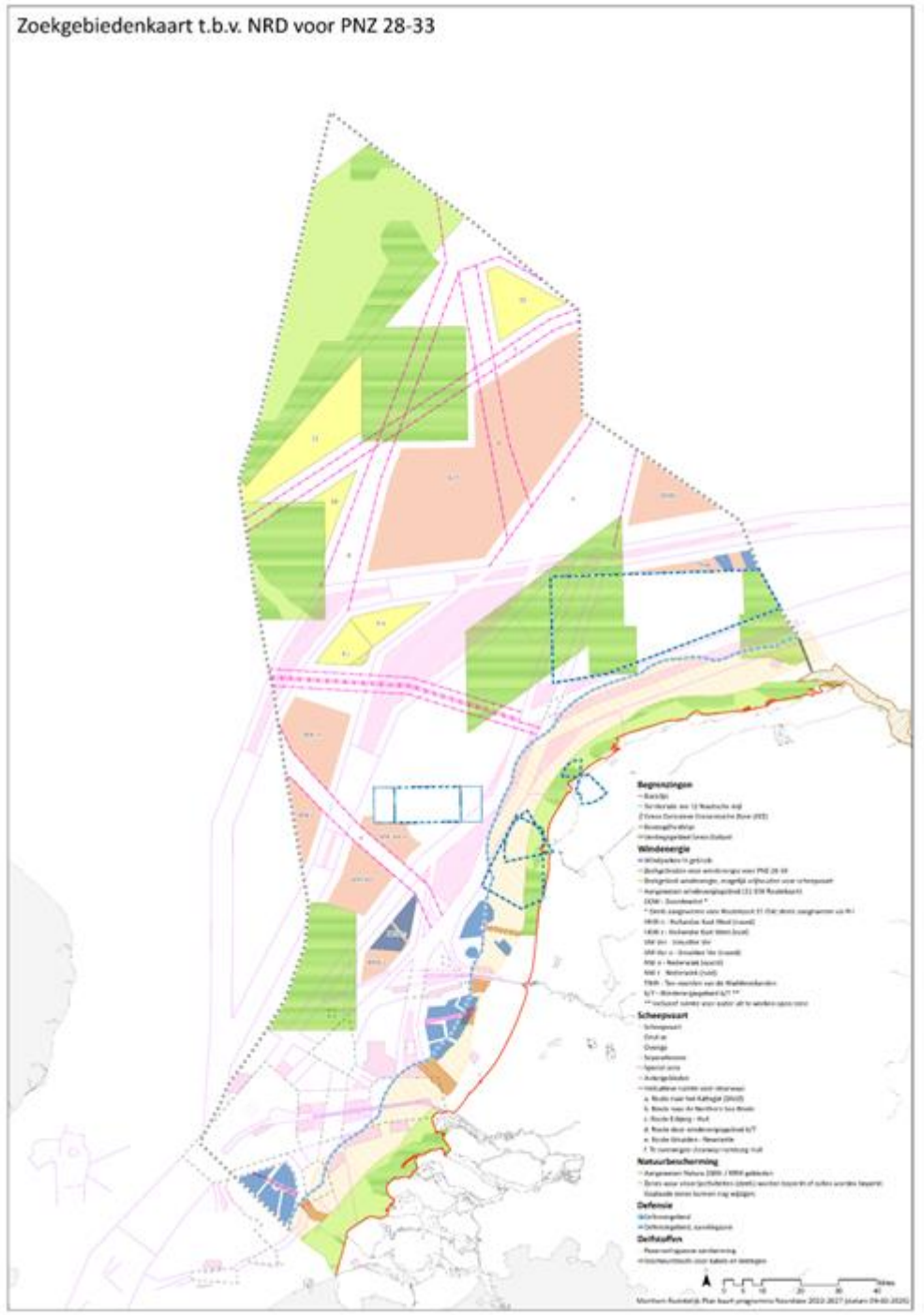
Offshore grid

Site studies

Dutch Offshore wind

- Ministry responsible for site decisions, tender, site studies and offshore grid
- De-risk the sector
- Strategic EIA on cumulative effects of roadmap
- Proactive role in designing requirements for site decisions

* Each countries process differs and should be taken into account



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10 years of NID in site decisions

History of NID in Dutch offshore wind

- Collaboration with the ministry in charge of nature and fisheries
- Since 2016 in windfarm Borselle up to now
- First a focus on adding artificial reef structures now more focus on scour protection
- Permitholder make a NID-plan based on site decision, enforcement through RWS

Current concept requirement:

- Instal on 50% of the turbine foundations and cable crossings
- The scour must have a certain stability factor (prevent rolling over)
- Alternatives possible when substantiated and with monitoring plans

*Tenders also offer opportunities

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Possibility NID in Site decisions: Legal

European/Duch Nature law

- Bird and Habitat directive
- Marine Strategy Framework Directive
- Nature Restoration Regulation

*Ocean Pact → global + European Ocean Act (in progress) → EU

Offshore wind can impact these laws/goals both negatively and positively

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Possibility NID in Site decisions: efficacy

Ecological

- Possible positive effects on (protected) species and habitats

But..

- Yet limited quantitative results on efficacy
- NID measures need more time and monitoring

Financial

- Cost increase for deployment/instalment of NID measure
- Added pressure on team for tender bids

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Conclusion

Experience:

- Dutch offshore wind has experience with NID and plans to keep it
- Throughout the years different methods have been implemented by the wind sector

Why:

- Offshore wind has effects on the environment and laws associated with nature
- Through NID some negative effects might be offset, and positive effects could be expanded
- However, added costs and efficacy must be considered

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Thank you

4 October 2026

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