



Ministry of Economic Affairs
and Climate Policy

Dutch approach to offshore wind energy permitting system: a focus on ecology

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Content

- The energy transition and ecological challenges
- Tender system: Permitting procedures
- Ecological permitting requirements
- Towards IJmuiden Ver

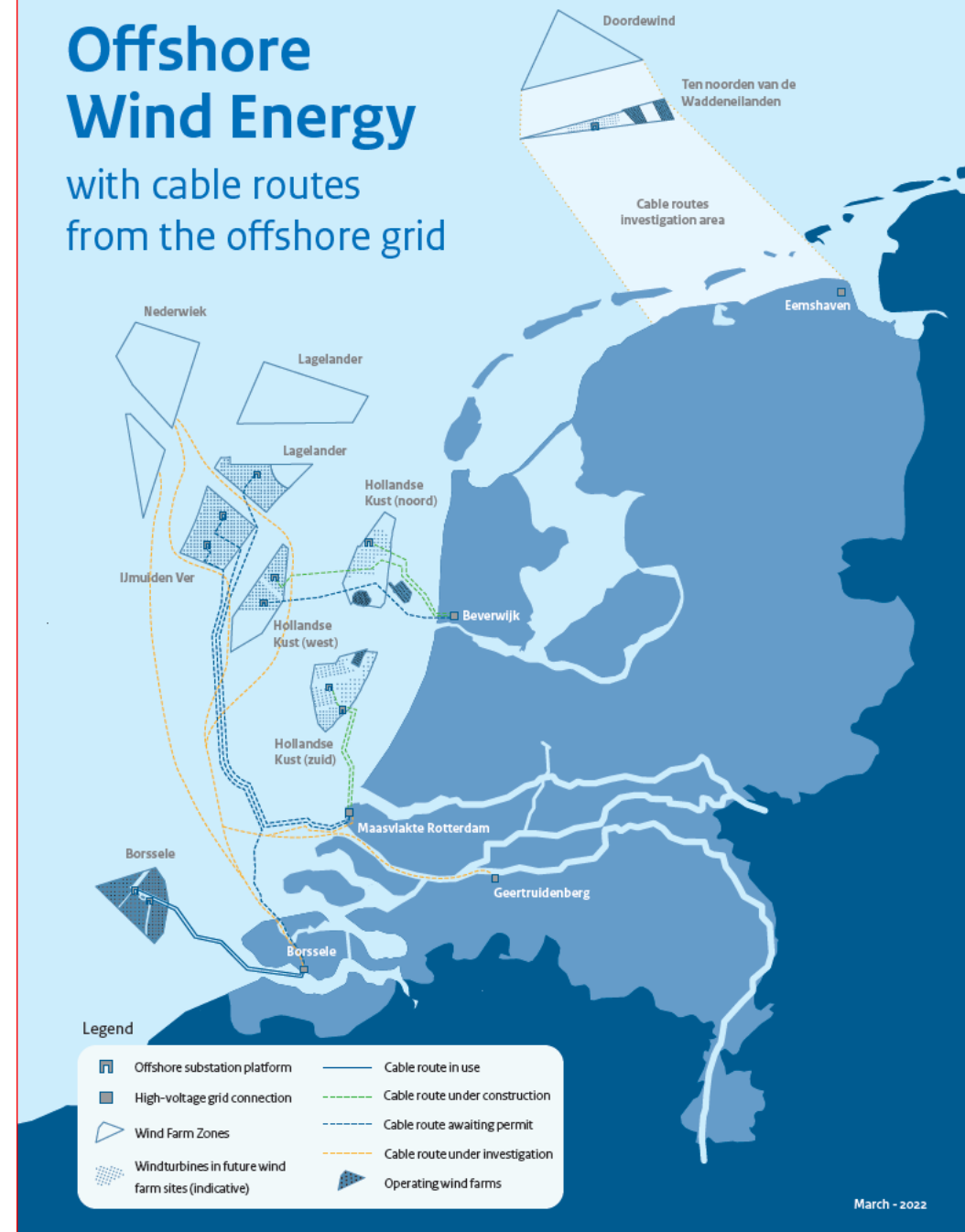
Complementary Roadmap Offshore Wind Energy

to achieve around 21 GW in 2030



Offshore Wind Energy

with cable routes from the offshore grid



Ecology and offshore wind development



- Increased offshore wind ambition in combination with other pressures contribute to increased pressure on marine ecosystems
- Therefore:
 - Research (Wozep/MONS/etc)
 - Site decisions, EIA and mitigation measures
 - Programme to strengthen nature
 - International collaboration
 - **Tender criteria**

Designated Wind Farm Zones





Tender system: procedure choices and their components

Four possible procedures:

- Subsidy tenders (2016)
- Comparative assessments (without (2017-2020) or with a financial bid (2022))
 - Financial bid
 - Security of realisation
 - Contribution to the energy system
 - **Additional criteria (competitive element)**
 - **Ecology**
 - Circularity and International Responsible Business Conduct (IRBC)
 - System Integration (to be determined)
- Auctions (with requirements)



Additional criteria: ecology

- Filling knowledge gaps
- Contributing to societal challenges using the power of the market
 - Innovative
 - Creative
 - Demonstrative
 - Solution oriented



IJmuiden Ver

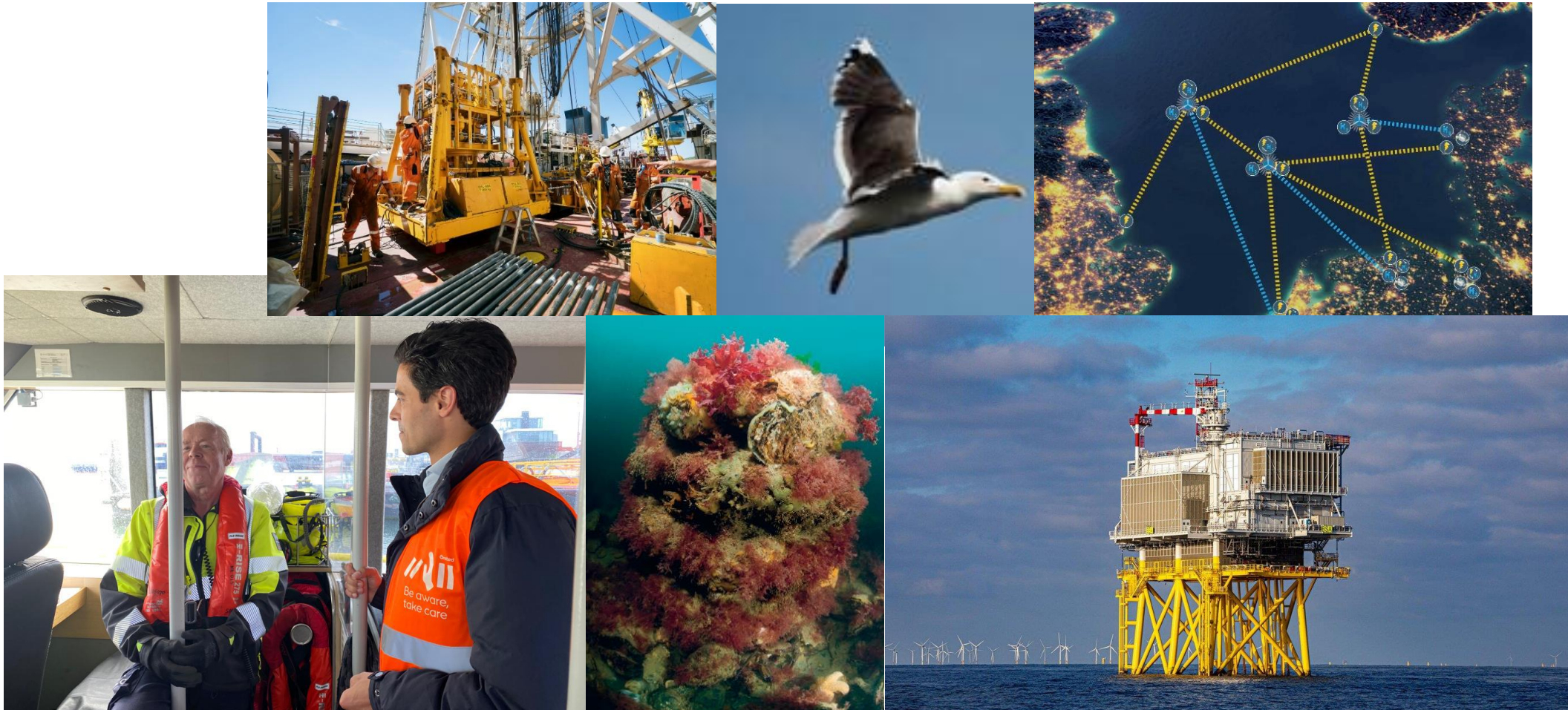
Process

- Lessons learned HKW
- Currently working on formulating ecological criteria
 - Based on input from industry, NGOs, experts and other ministries
- End of Q1 publication of draft ministerial order
 - Q1/Q2 Consultation process
- Q3 publication of ministerial order
- Q4 closing of tender

Finally...



Work together and collaborate where possible





Thank you!

- › Letter to parliament on tender procedure for IJmuiden Ver
- › Questions, recommendations or remarks? m.l.brinksma@minezk.nl



Planning: IJmuiden Ver

Detailed look at the planning

Expected planning	Milestone
Q1 2023	Draft Ministerial Orders
Q1 2023	Publication draft wind farm site decisions I-IV
Q1/Q2 2023	Site studies finalised
Q1/Q2 2023	Consultation draft Ministerial Orders
Q3 2023	Publication final Ministerial Orders
Q4 2023	Opening date tenders
(end) Q4 2023	Closing date tenders
2024	Winner(s) announced
2028	Expected commissioning wind farms IJmuiden Ver III-IV (beta)
2029	Expected commissioning wind farms IJmuiden Ver I-II (alpha)