

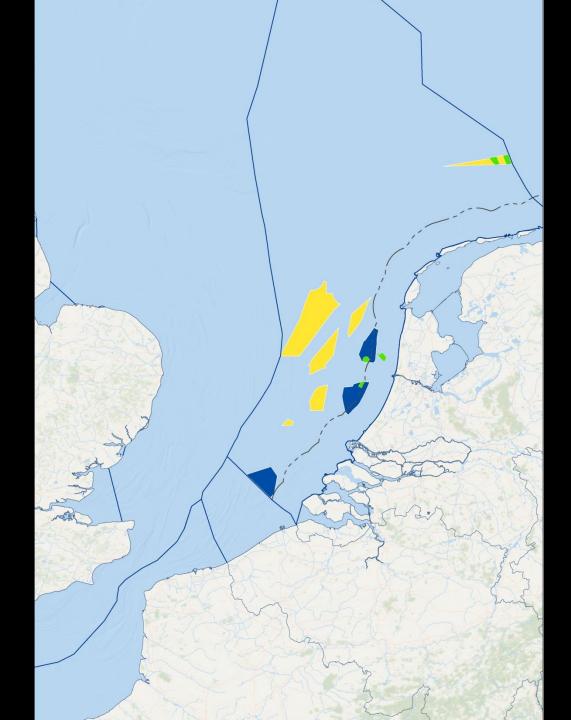
Netherlands Enterprise Agency

Green power from the North Sea

Driving down offshore wind costs the Dutch way

Ruud de Bruijne 7th June 2017, London ExCel Conference Centre

>> Sustainable. Agricultural. Innovative. International.





Roadmap towards 4,5 GW

Existing wind farms

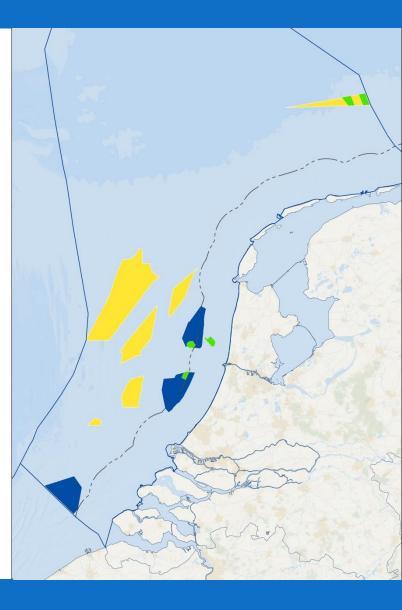
- Egmond 108 MW
- Princess Amalia
- Luchterduinen
- Gemini 600 MW

1st Roadmap, tendered

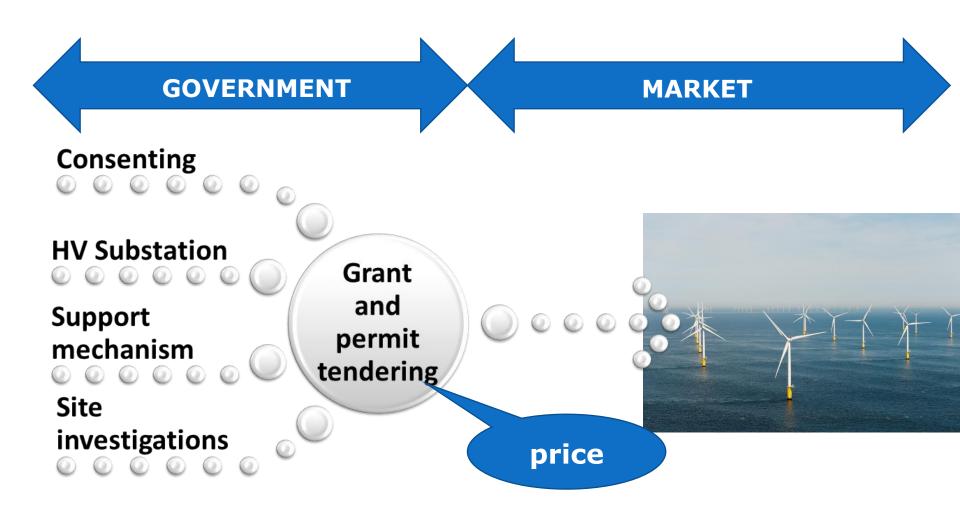
- Borssele I & II 700 MW
- Borssele III & IV 680 MW

¹ 1st Roadmap, tendering planned

- Hollandse Kust (zuid) I & II
- Hollandse Kust (zuid) III & IV
- Hollandse Kust (noord) V







Key succes factors

Process

- Stable policy =>trust
- System design: joint initiative industry and government
- Industry and government committed
- Clear planning & milestones met in time
- Stakeholder management



System

- Planning, 5 successive tenders of 700 MW each
 - Standardization (i.e. Wind Farm Site Decisions, Tender procedure)
 - High quality information





9514-0064 T 2800 kg





Outlook

- 1st Roadmap till 2023
 - Deployment well on track
 - Cost reduction: broadly achieved ahead of time

Current government: Energy Agenda

- Centered around CO₂ reduction
- Energy efficiency & increase RES

2nd Roadmap 2023 – 2030 official preparations for decision making

- 7 annual tenders of 1 GW
- 0 subsidy from 2026
- Local economic benefits
- Preparations for 3rd Roadmap



Challenges

Offshore wind becomes mayor player at the North Sea with impact on other players and functions

- O&G industry
- Telecom
- Fishery
- Ecology
- Shipping



With increasing production capacity international clustering becomes a (long term) perspective

- System integration
- Joint infrastructure

Questions? E-mail: woz@rvo.nl

