# Together enabling multi-use in OWFs

## Case-study of passive fisheries in the Netherlands

Lobke Jurrius – Wageningen Marine Research

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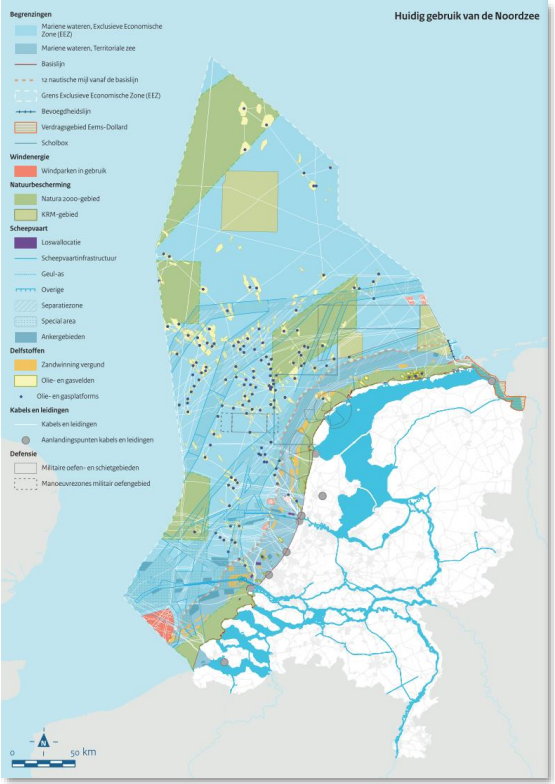
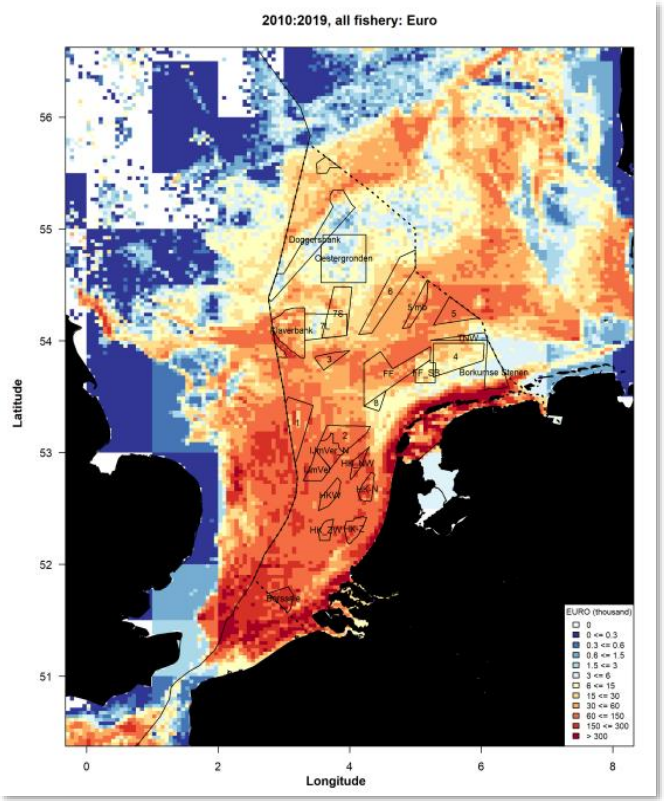
# Ambitious plans result in loss of fishing grounds




Programma Noordzee 2022-2027

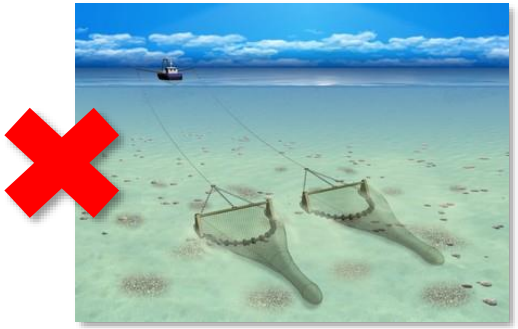
Deetman et al. (2020)

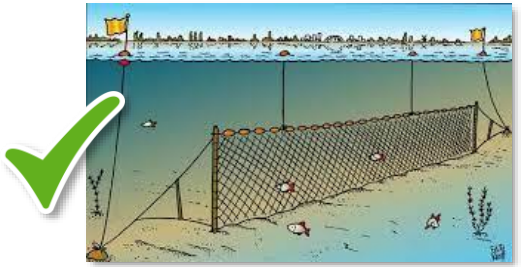
# Policy aims for multi-use

- North Sea Agreement (2019)
- Passive fisheries, not active (for now)
- BUT first experimental, then commercial fishing

‘Old’ parks: Less space, WFO has control

‘New’ parks: More space, Gov has control

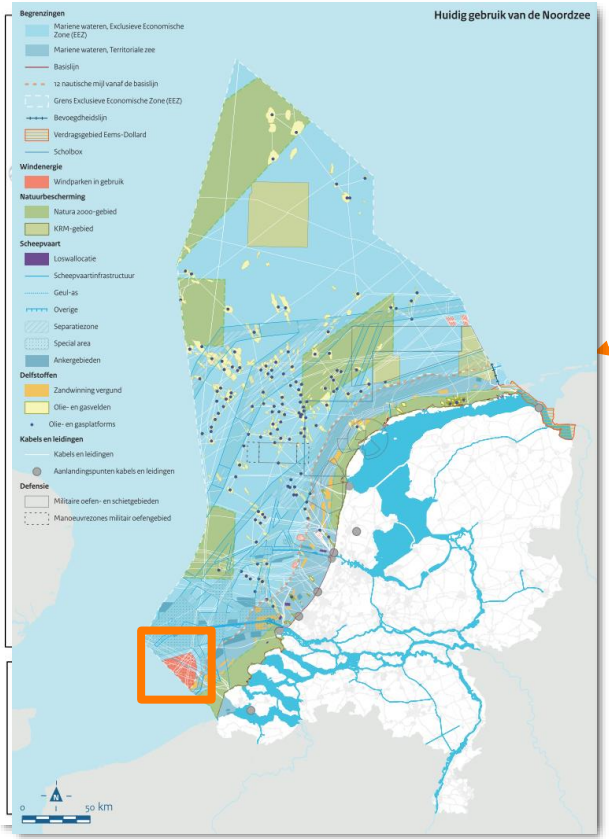




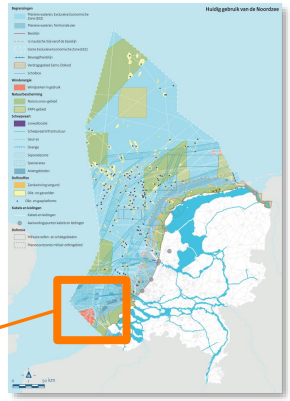
Source: Vistikhetmaar

# Windfarm Borssele

- New style windfarm
- “Area passport”
- Regulatory framework:
  - Maintenance zone
  - Vessel max. 45 meter
  - Access during daytime
  - Communication




Handreiking gebiedspaspoort Borssele



Programma Noordzee 2022-2027

- 344 km2
- 173 turbines
- ~ 38 m depth
- >24 km to coast

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# Research on opportunities for fisheries in OWF

- Win-Wind: Crab and lobster in OWFs (2019-2023)
- Borssele II: Crab fishing & anchoring (2022)
- **Broader desk-study & field tests (start 2023)**

Source: Marcel Rozemeijer

# Transboundary research

## Minimize conflicts & create synergies

**Social/Safety**:
Sector interest, experience, safety, communication

**Ecological**:
Catch, (unwanted) bycatch, birds, mammals, gear loss

**Technical:**
Gear type, use in OWF, innovation

**Political**:
Laws & regs, safety, track records

**Economical:**
Costs & revenues, insurance, fuel

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Fishermen, government, researchers, WFO

Feasibility

Pilot

Source: Kees Taal

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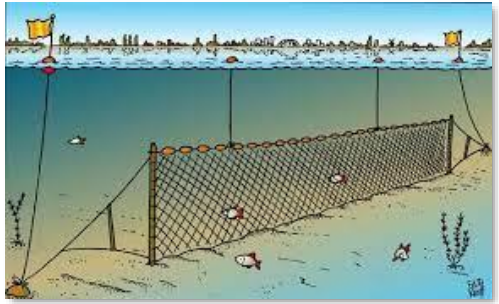
# First opportunities and bottlenecks clarified

- Pioneering situation
- Regulatory framework & safety procedures in development
- Interest & commitment fishermen, but investments needed
- NOW: pilot in Borssele!

Source: Marcel Rozemeijer

# Gears selected with fishermen

- Handline fishing (sea bass)
- Gillnet fishing (sole)
- Multi-species pots (cod, sole, cuttlefish)
- Mechanical jigging (mackerel, horse mackerel, squid)



Source: Vistikhetmaar

# Bottom line: Flexibility and transition needed

- Increase in communication
- From active to passive fisheries
- Space to learn

Source: Marcel Rozemeijer

# Thank you for listening

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More information?

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