



Ministry of Economic Affairs



# Legislation for the offshore transmission system

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# Electricity and gas bill (STROOM)

## Time schedule

- May: bill submitted to House of Representatives
- Now – end June: technical briefing and questions
- After summer: House of Representatives
- Nov/Dec: Senate
- In force: 1 January 2016

## Order in Council:

- June: submission to House of Representatives

## Ministerial Decree:

- First draft before summer

Plan B?





# Scenario

## Fundamentals

- Why? Energy Agreement and dependency of government stimulation -> government steering
- Objective: to provide a spatial, time and technical framework for development of offshore wind in the Netherlands
- Level of detail: functional (design) requirements (outline)
- Starting point: minimisation of LCOE

## Relationships

- Spatial: Road map
- Time: Compensation scheme
- Technical: Investment plan and Connection requirements (legal framework) TenneT

Provisional scenario  
ready in July



## Scenario: technical decisions

Minister of Economic Affairs decides, unless

- No significant impact on LCOE;
- No impact on level playing field, market readiness;
- No impact on long-term offshore wind, innovation;
- No direct relationship with EA policies and instruments

...in those cases TenneT decides

| Issue                                     | TenneT or Minister EA                     |
|---|---|
| Voltage level                             | EA  |
| Point of Common Coupling                  | TenneT                                    |
| Access to platform<br>Helicopter platform | Access: TenneT<br>Helicopter platform: EA |
| Operation of Bays                         | TenneT                                    |
| Overplanting/dynamic loading              | EA  |



## Scenario: technical decisions

### Already decided:

- Sequence of wind area development (road map)
- Principle of offshore transmission system (5 x 700 MW, road map)
- **Maximum installed power (overplanting): 380 MW/site**
- **In-field voltage level: 66 kV**

### To be decided:

- Completion date offshore transmission system
- Life-span offshore transmission system
- ...



## Scenario: security of investments and design

- For the offshore transmission system TenneT will be subsidised by the Ministry of Economic Affairs
  - Necessity of investments follows from scenario
  - Scenario is determined by Minister of Economic Affairs
  - Regulator (ACM) tests if TenneT's offshore investment plan is in line with scenario
  - Regulator (ACM) tests efficiency of investments
- > Changes in (essence of) design of offshore transmission system after fixation of scenario are unlikely