

Content



- 3. Update technical consultation sessions
- 4. Offshore Investment Plan
- 5. Connection requirements

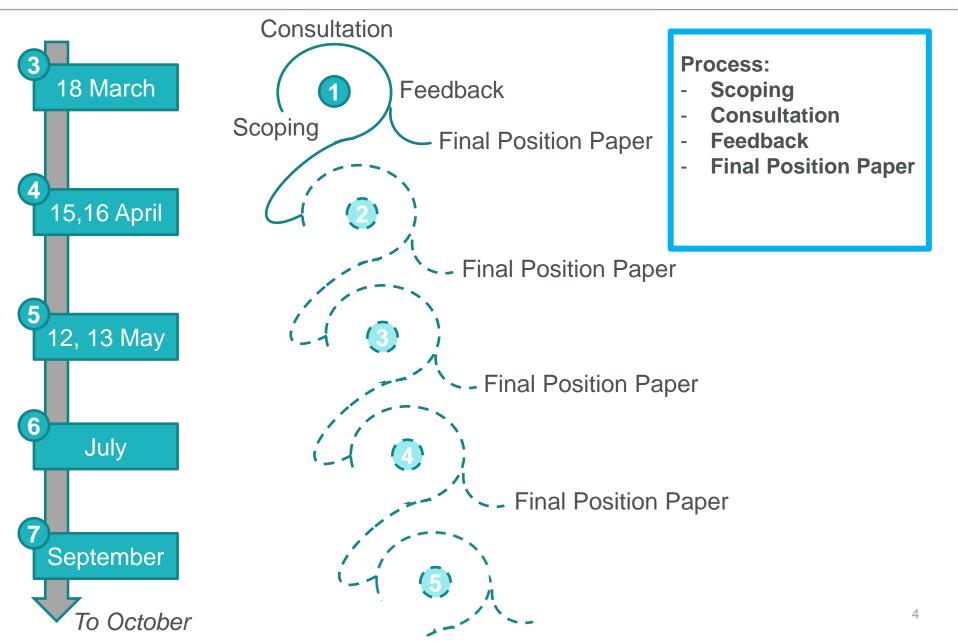


3. Update technical consultation sessions

- Please check our website for position papers, external reports and decision documents.
- www.tennet.eu/nl/offshore-grid-nl.html
- Consultation continues until October 2015
- Next Expert Meetings:
 - July
 - September
 - October
- Attendance by invitation only

Consultation process





Consultation finalized



- Voltage level
- Number of J Tubes
- Point of common coupling
- Operation of bays
- Overplanting





- Number of bays
- Access to platform
- Reactive power compensation
- Protection
- SCADA/Metering/Data links
- Metering
- Redundancy/availability



Topics final consultation in Sept/Oct

- Installation interface management
- O&M interface management
- Harmonics and transient study
- Physical coordinates
- Compliance testing
- Stranded asset mitigation
- Planning
- Connection agreement
- Initial investment plan

4. Offshore Investment Plan



- Obligation TenneT to The Ministry of Economic Affairs
 - Required by STROOM
 - Based on Scenario EA
 - Check ACM warrants need and necessity of investments
- Experience in Germany, shows benefits of having a "NetzEntwicklungsplan"
 - Realistic planning
 - Supply chain
 - Stranded assets

Why



Initial offshore investmentplan

- Objectives of the IOIP:
 - Provide all OWFs with (reconfirmation of) information on TenneT's technical concept, technical requirements
 - Gain approval regarding need and necessity of proposed investments from the Ministry and ACM
- TenneT benefits from IOIP:
 - After approval, TenneT can safely prepare offshore investments
 - With this formal, public document, TenneT proves itself as a reliable and transparent partner for OWFs

What



Provisions in (draft) law regarding content of investment plans

Based on the currently known drafts, the proposed content entails:

- Description of current status of proposed investments from previous 2 years
- Description of proposed investments
 - Qualitative overview of expected expansions the next 10 years
 - Quantitative overview of expected expansions the next 5 years
- Overview of activities since date of signing Energieakkoord
- Planning based on the scenario by the Ministry of Economic Affairs
- Description of generic technical concept of the offshore grid connection system

5. Connection requirements



- Please check our website for topics legal framework, abstract RfG and MoM of consultation sessions.
- www.tennet.eu/nl/offshore-grid-nl.html
- Previous legal sessions:
 - Expert meeting in April informing on process, set up model agreements and RfG requirements
 - Expert meeting in May elaborating on content of model agreements
- Next legal session:
 - July
 - September
- Attendance by invitation only

Process and next steps



- With support of OWF set up Model agreement:
 - Offshore realisation, connection and transmission
 - General terms and conditions
- Next steps
 - Legal session July
 - Agree on process with EA, ACM, and OWF rep parties
 - Documents will be available via website prior to next session
 - TenneT is open for feedback and bilateral meetings: Netopzee@tennet.eu
 - Ready before opening subsidy tender December 2015

