

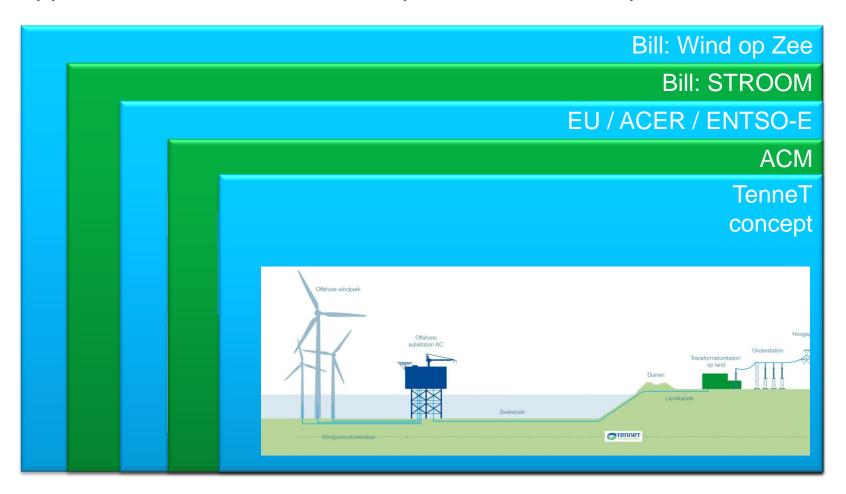
# Agenda

- Opening & Welcome
- Introduction
- Context
- Wrap-up meeting 27-11-14
- Discussion on open points
- New items

#### Context



Approach from TenneT in development of the concept has been:



### **Actions in MoM 27-11-14**



Subject	Action
Voltage Level	Prepare position paper on 66kV [TenneT]
Physical interface point	Proposed approach accepted
Number of J-tubes	NWEA to deliver number of J-tubes [NWEA]
Protection	Proposed approach accepted
kWh meter	Proposed approach accepted
Operation of bays by TenneT	Proposed approach accepted
Data links	Proposed approach accepted
SCADA	Verify with suppliers if this is mandatory [TenneT]
Capacity, guaranteed or overplanting	Inform TenneT of design criteria for the export capacity [NWEA]
Requirements from RfG code (SOC 11-175)	Proposal how to proceed with "Dutch" RfG requirements [TenneT]

## Voltage level



<u>Action:</u> Prepare position paper on 33kV - 66kV [TenneT]

This paper should address the dilemma's regarding the 33kV – 66kV options with the concerns from the stakeholders OWF, MinEZ and TenneT.

TenneT → scope of white paper send on 12/1

NWEA → comments received on 18/1 and 20/1

DNV/GL consult → initial draft position paper

Discussion on content, by Lyndon Greedy and Hans Cleijne

#### # J-tubes



- Action: NWEA to deliver number of J-tubes
   After an internal meeting at NWEA, TenneT was informed that NWEA didn't want to take this responsibility given TenneT is the grid operator.
- Status: taken into account in the 33kV 66kV position paper
- Statement TenneT: expected amount of J-tubes at 66kV is 6 for each windfarm of 350MW.

#### **SCADA**



- <u>Action:</u> Verify with suppliers if this is mandatory [TenneT]
   Understanding of this requirement is needed before final decision on this matter.
- Status: Ongoing. Priority on voltage level discussion.
- Expected result for Consultation: <u>End of February</u>

### **Overplanting**



- Action: Inform TenneT of design criteria for the export capacity
   [NWEA]
- Status: Feedback expected from NWEA.
- Statement TenneT: Transmission power is restricted by the 220kV cables. 700MW is the maximum transport capacity. Overplanting in BC of OWF.

#### RfG code



- <u>Action:</u> Proposal how to proceed with "Dutch" RfG requirements
   [TenneT]
- How much reactive power can be compensated by the turbines?
- Status: Ongoing as part of the ATO proposal.
- Expected result for Consultation: <u>End of February</u>

#### **New items**



- Mail from GDF Suez: Power requirements from OWG at no-load (back up generator etc)
   What amount of power is required?
- Other issues?



