

Status update TenneT

Workshop Offshore Wind

April-18-2017

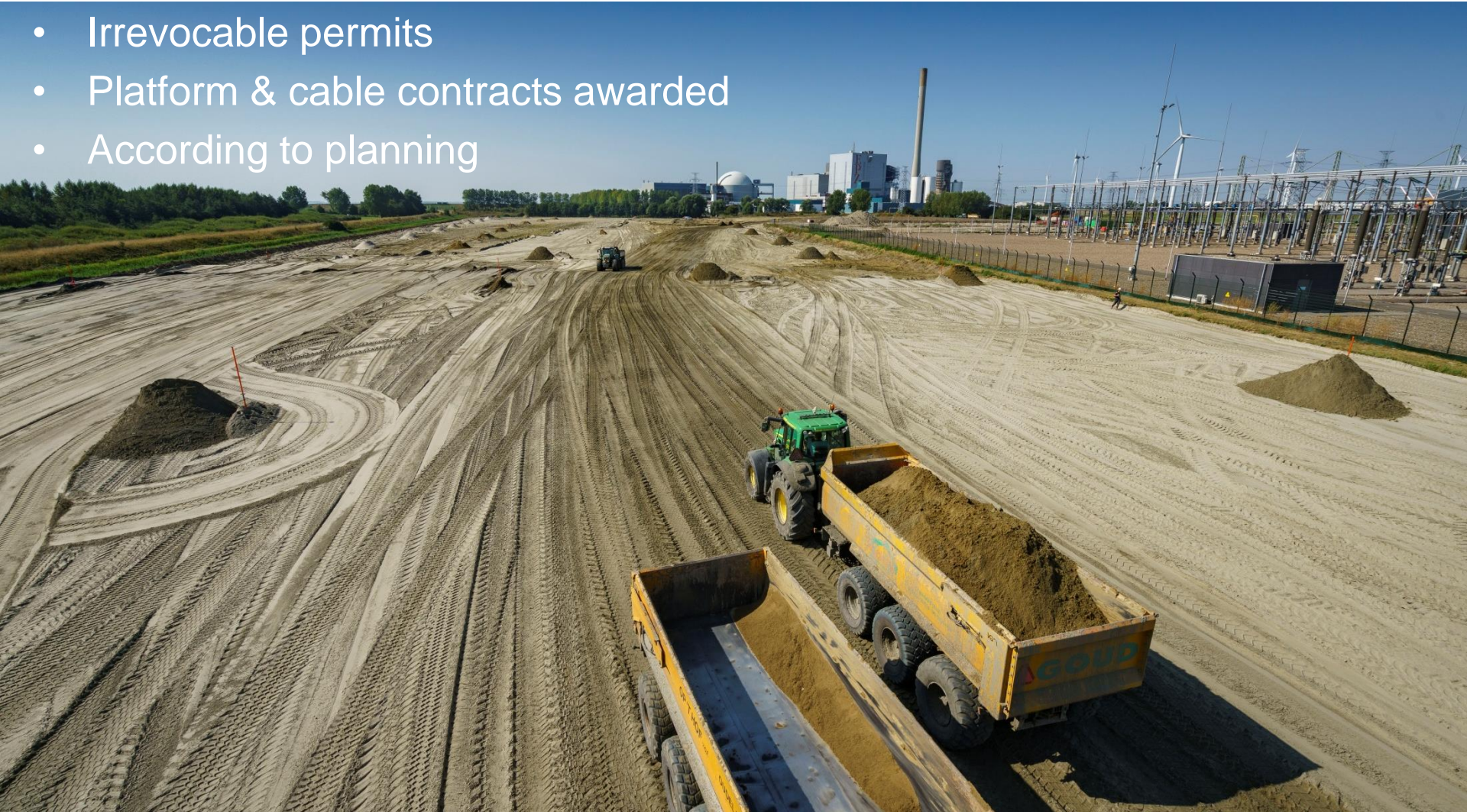
Jaarsma, Saskia

TenneT's offshore grid connection system

- Five platforms, capacity 700 MW
- Export cable system: 220 kV, AC
- Standardisation
- 66 kV cables
- Lean and mean (bundling)
- Development with market parties
- Minimal habitat disturbance



- Irrevocable permits
- Platform & cable contracts awarded
- According to planning



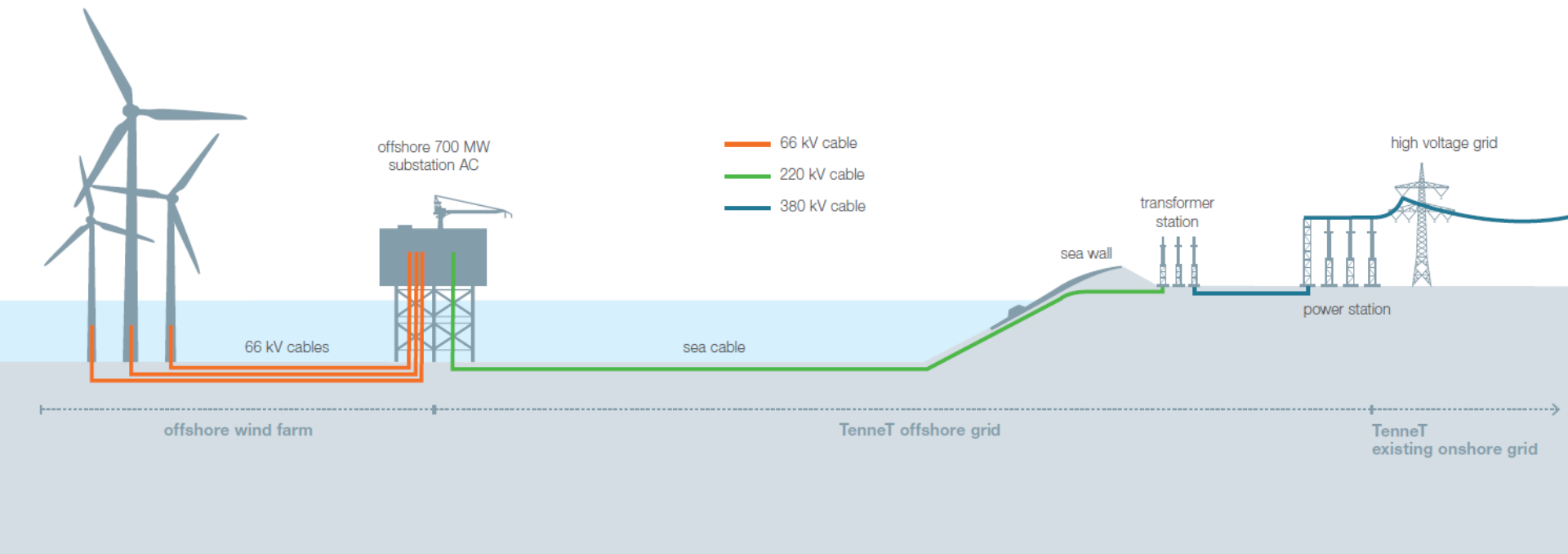
Hollandse Kust (zuid)



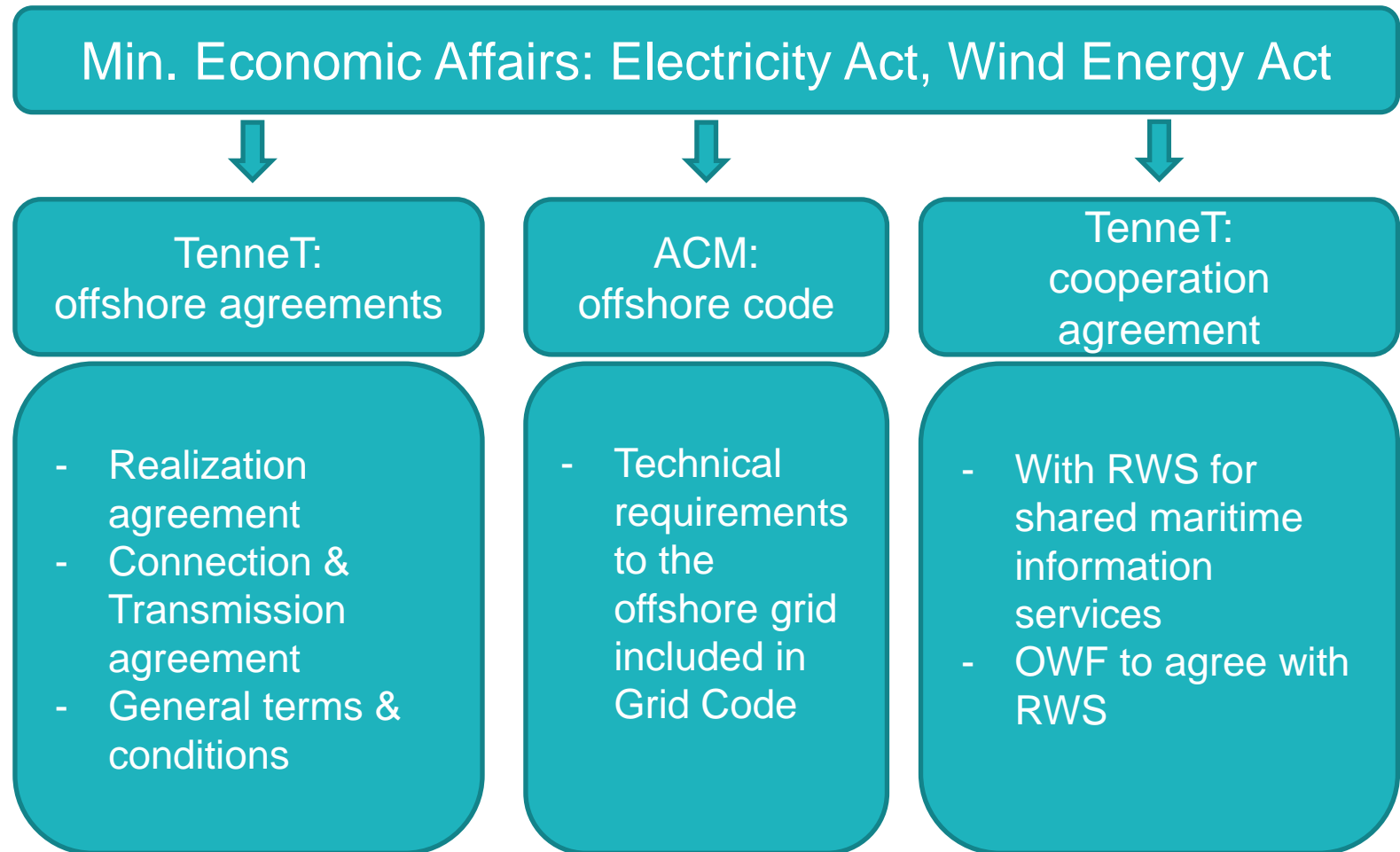
- 2 x 700MW Hollandse Kust (zuid) Alpha and Beta
- *Rijkscoördinatieregeling* (RCR) applicable
- January 2016: Draft Memorandum Scope and Level of Detail published
- October 2016: Preferred route determined: onshore landing in Maasvlakte-Noord
- February 2017: Permit applications submitted
- Offshore surveys ongoing to determine soil conditions, UXO's and archeology
- Qualification of contractors for platform and cable started



Offshore grid scheme Hollandse Kust (zuid)



TenneT's offshore legal framework



Prior to HKZ subsidy tender



TenneT will provide updated model agreements for connection to the offshore grid

Updates reflecting developments of:

- Realization agreement:
 - 6.4, 6.5 Project Working Group
 - 3.9 Offshore flexibility planning of activities
- Annex 2: Shared information systems
- Annex 2: Individual information systems
- Annex 4: Harmonic Emission limits

Hollandse Kust (noord)



- Draft Memorandum Scope and Level of Detail published April 2017
- Multiple route alternatives under investigation resulting from stakeholder workshops and trajectory sessions



Next steps...



- Question to audience:

Need for additional workshop by TenneT on the technical requirements for the offshore grid Hollandse Kust (zuid) ?

- Questions?
- Please feel free to contact us via [netopzee\(at\)tennet.eu](mailto:netopzee(at)tennet.eu)



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Taking power further