

TenneT at a glance

- Europe's first cross-border
 electricity grid operator
- > Top five grid operator in Europe
- > 100% state-owned
- > 22,500 km high-voltage lines
- > 41 million end-users
- > ~4000 employees
- Asset base: EUR 20.2 bn
- Projected >25 bn investment program for the next 10 years
- > 99,99% security of supply

Net op zee in stappen



- Energieakkoord 2013
- 5 x 700 MW = 3,5 GW
- Gestandaardiseerd concept
- AC verbindingen

2019	700 MW	Borssele Alpha
2020	700 MW	Borssele Beta
2021	700 MW	Hollandse Kust (zuid) Alpha
2022	700 MW	Hollandse Kust (zuid) Beta
2023	700 MW	Hollandse Kust (noord)



- Routekaart windenergie op zee 2030
- Additioneel 6,1 GW
- 700 MW AC (standaard)
- Nieuw: 2000 MW HVDC voor IJmuiden Ver
- Windconnector VK: studie naar mogelijkheden

2024/25	1,4 GW	Hollandse Kust (west) Alpha en (west) Beta
2026	0,7 GW	Ten noorden van de Waddeneilanden
2027/29	4,0 GW	IJmuiden Ver Alpha en Beta

Borssele

Recent milestones:

- BSA: Grid Readiness achieved 23 August 2019, delivered within time and budget
- > BSB: Construction on schedule; cable pull-in on jacket completed
- > <u>Virtual Reality tour</u>

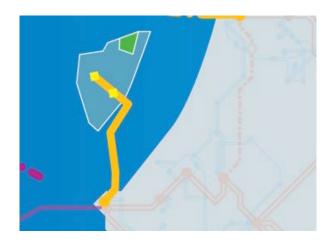




Hollandse Kust (zuid)

Recent milestones:

- > First steel cut jacket Alpha
- > Start HDD Yangtze for 220 kV cables
- > Platform and 220 kV cables Beta awarded





Hollandse Kust (noord) and Hollandse Kust (west)

Recent milestones:

- > HKN permits impacted by PAS
- Beach landing 220 kV cables
- > TenneT tenders on schedule
- Model agreements and technical requirements are being prepared prior to HKN wind tender



