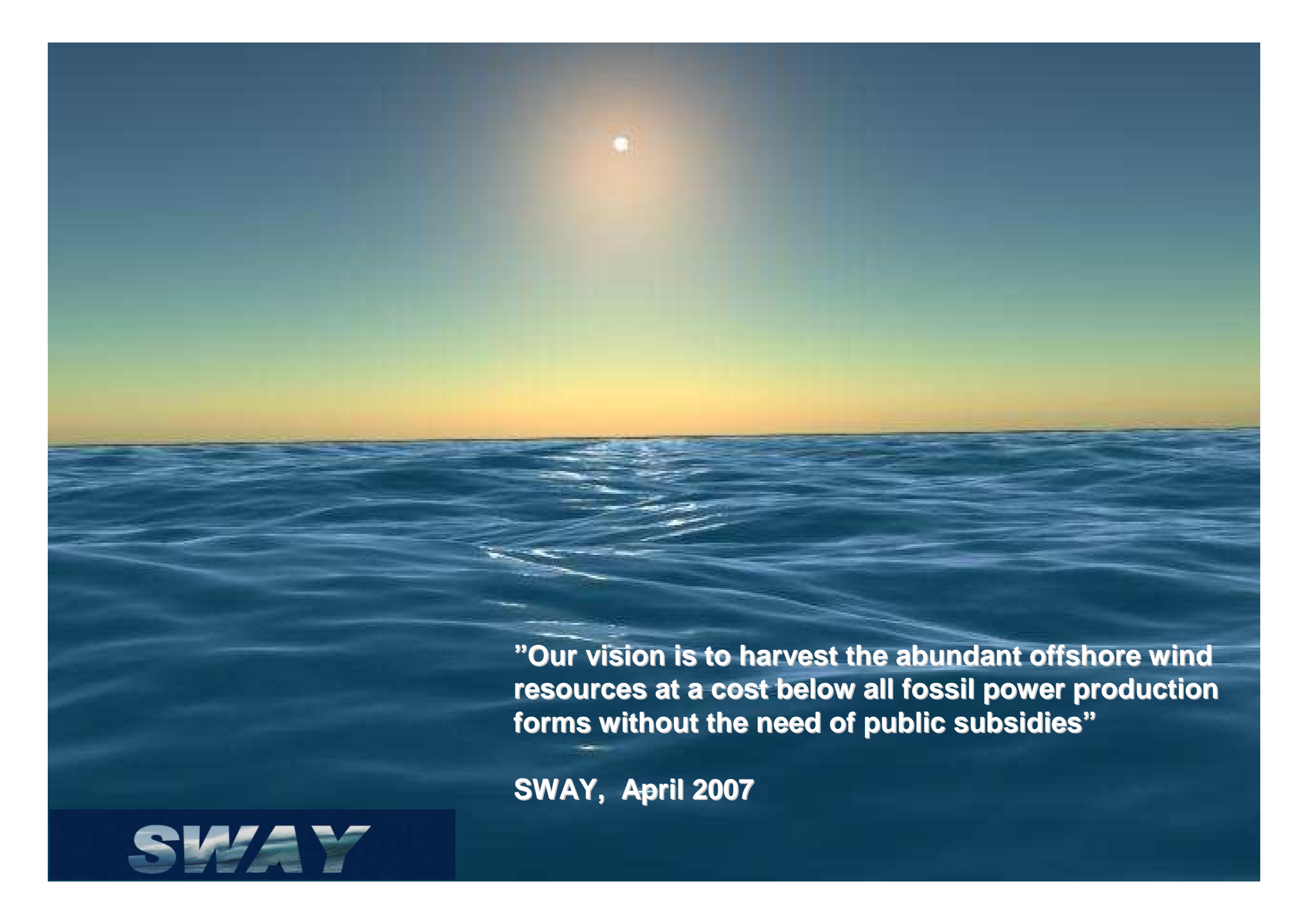


OFFSHORE FLOATING WINDPOWER - a new industrial adventure

An introduction to SWAY AS

All Energy May 24th. 2007



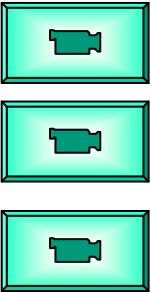
”Our vision is to harvest the abundant offshore wind resources at a cost below all fossil power production forms without the need of public subsidies”

SWAY, April 2007

SWAY



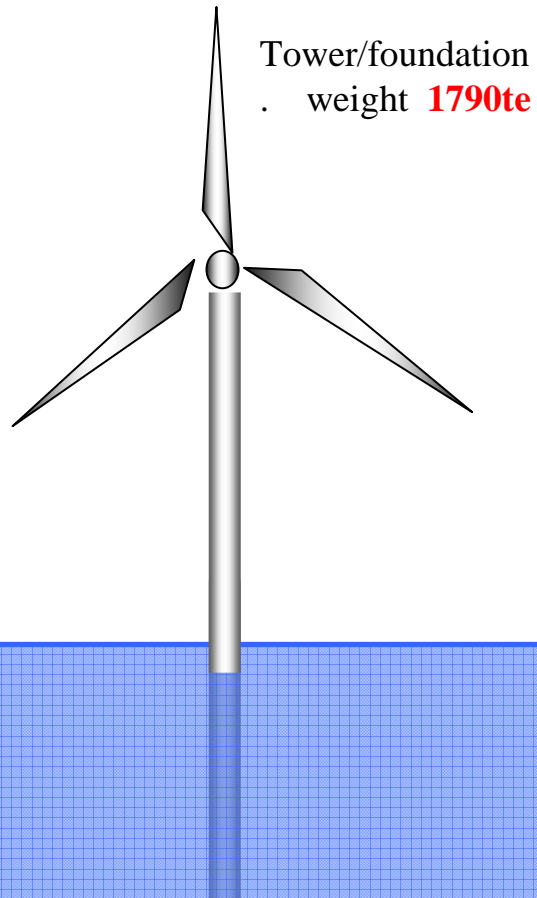
A simple answer to complicated challenges



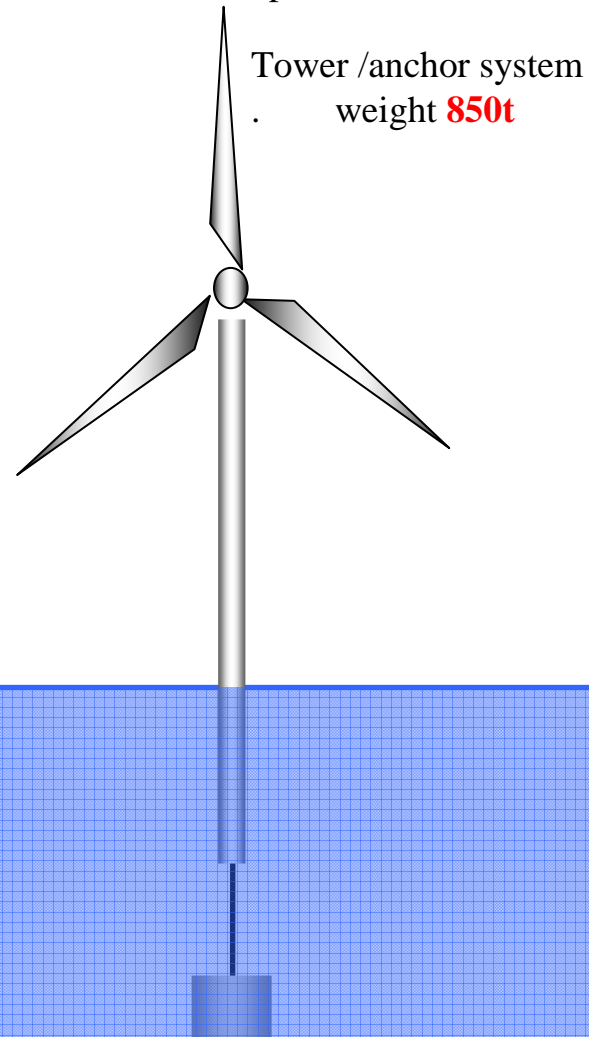
Sway: Lower weight (weight drives cost)



5MW offshore, 45m depth



SWAY 5MW offshore
120 m depth

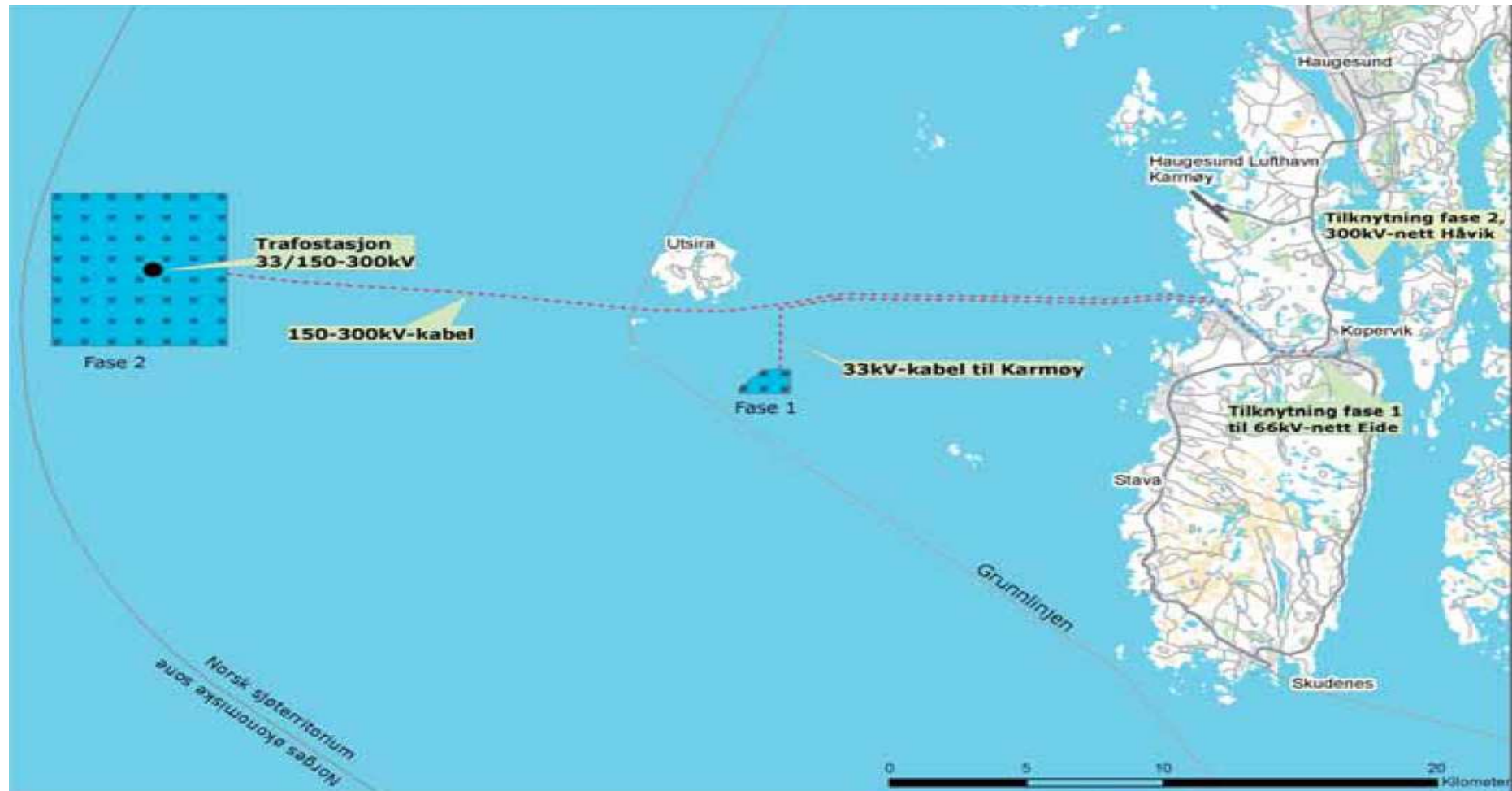


Height 93m

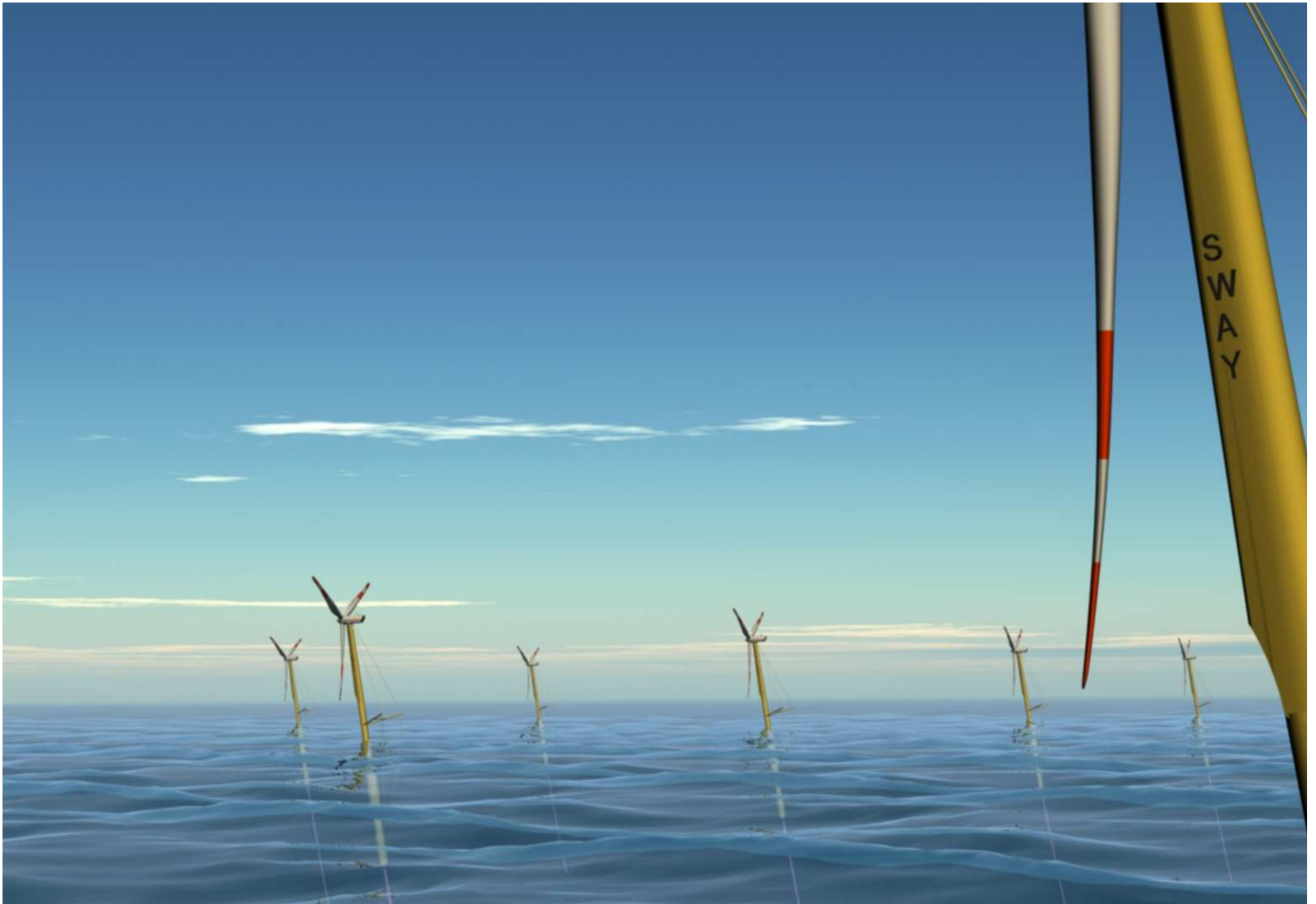




Utsira Offshore Floating 300MW Wind Park



Figur 2. Alternativ 1; trafostasjon ute i hovedparken og nettilknytning på Karmøy.



SWAY Technology Advantages



- **Opens access to huge areas with high wind speeds**
- **The costs per MW of a SWAY floating foundation at 150m depth is equal to a fixed foundation at 20m depth**
- **But: The power production is generally 20-30% higher far offshore in deep water**
- **Theoretical Potential in Norway alone is 100-200 times the Hydro power**

Line of Development for Floating Wind Parks

