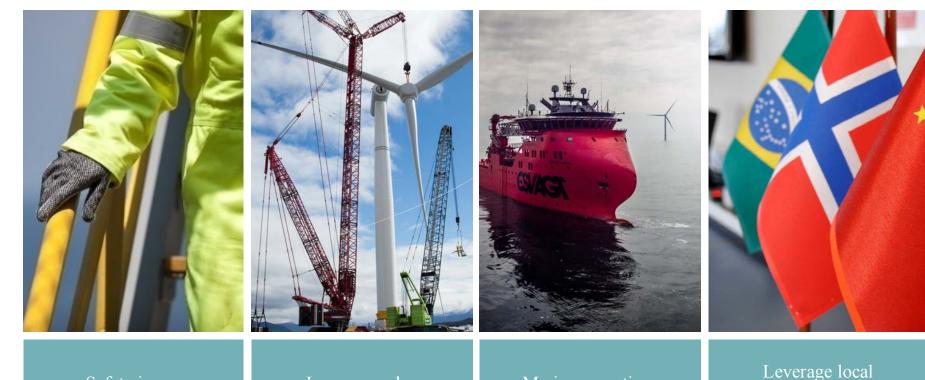


2 | Corporate presentation Open



## Building on our oil and gas competence





Safety is our first priority

Large complex projects

Marine operations & maintenance

Leverage local presence & corporate capabilities

Technology & innovation



## Equinor's offshore wind portfolio

Hywind demo In production

2.3 <sub>MW</sub>

Hywind Scotland
In production

30 MW

Batwind In development

 $\frac{1}{1}$  MW

### Floati













#### Bottom fixed

Sheringham Shoal
In production

316 MW

Dudgeon In production

402 MW

Arkona In development

385 MW



## Expanding our portfolio

Floating wind to oil and gas installations
Norway

 $100 \, \text{MW}$ 

Expanding global position

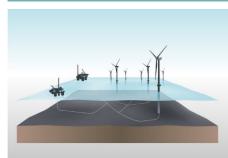
UK/Ireland, France, US West Coast, Japan

Floating











#### Bottom fixed

Doggerbank <sub>UK</sub>

3.6 gw

Empire Wind USA

 $1-2_{\rm GW}$ 

Baltyk II & III

 $1.2_{\rm GW}$ 

## President Trump's statements about wind energy . . .



- "Many countries are cutting back, big time, on ugly, industrial wind turbines. The energy is very inefficient...." Twitter, April 13, 2012
- "Palm Springs, CA has been destroyed—absolutely destroyed—by the world's ugliest wind farm at the Gateway on Interstate 10. Very very sad!" Twitter, April 16, 2012.
- "Bird killing windfarm that I oppose in Aberdeen got delayed by at least two years. @AlexSalmond forced the failing developers to delay!" Twitter, Dec. 13, 2013.
- "The wind kills all your birds. All your birds, killed. You know, the environmentalists never talk about that." Pennsylvania rally, August 1, 2016.
- "If your house is staring at a windmill, not good. When you hear that noise going round and round and round, and you're living with it, and then you go crazy after a couple of years, not good." Evansville, Indiana rally, August 30, 2018.

### The View from Trump International Golf Links – Aberdeen, Scotland



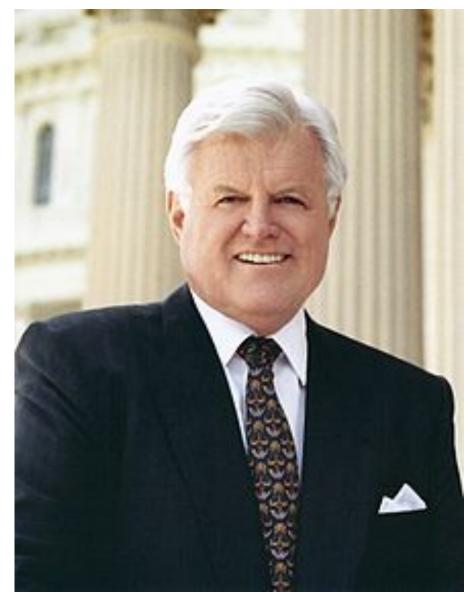




## One more . . .

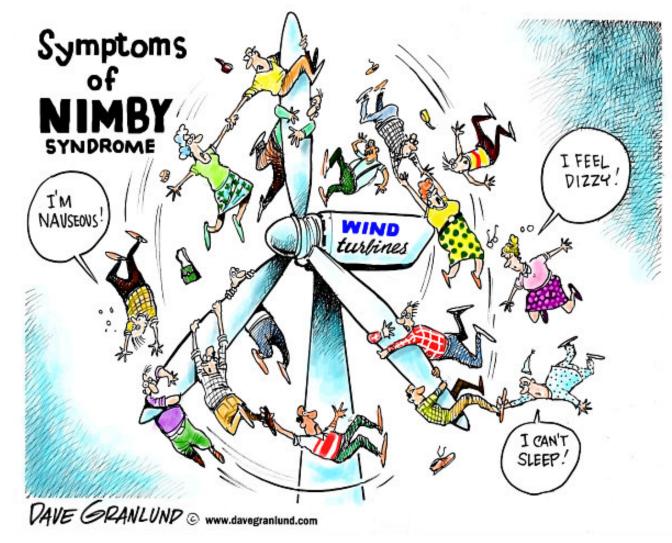
"But don't you realize, that's where I sail."

Senator Ted Kennedy (D-MA), as quoted in *Cape Wind: Money*, *Celebrity, Class, Politics, and the Battle for Our Energy Future on Nantucket Sound.* 





"[T]he NIMBY view focuses on individual selfinterest as the driving force of local offshore wind opposition."



McAuliffe, Sharon, Rosenstein, Bass Connections Offshore Ocean Energy; Renewables Group, *The dynamics of offshore wind perception and acceptance across development models*.

9 20 March 2017 Open 16 May 2018

# The Administration's official position?



"When the president said energy dominance, it was made without reference to a type of energy. It was making sure as a country we are American energy first and that includes offshore wind. There is enormous opportunity.

... for wind. I am very bullish."



Secretary Ryan Zinke, April, 2018 Speech at Business Network for Offshore Wind International Partnering Forum



# California Offshore Wind

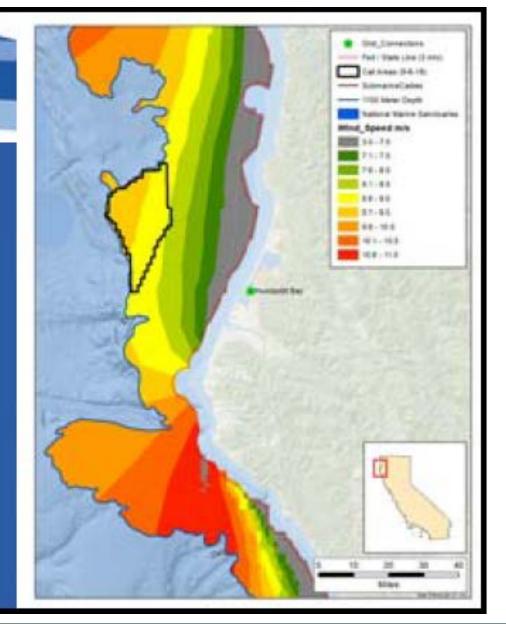
- Central Coast Draft Call Areas
  - Morro Bay North
  - Morro Bay
  - Diablo Canyon
- · Grid connections
  - Morro Bay
  - Diablo Canyon

Source: BOEM



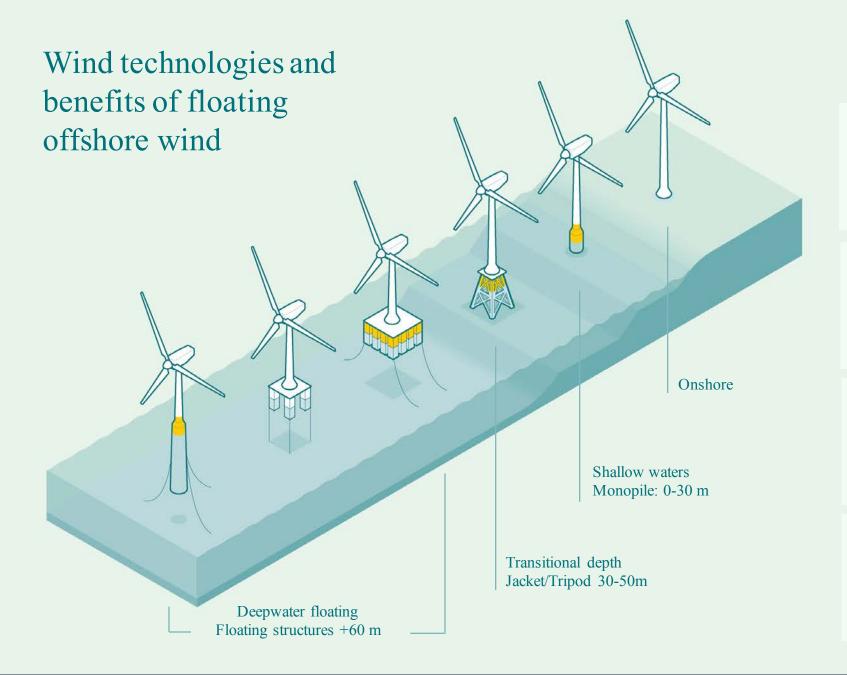
# California Offshore Wind

- North Coast Draft Call Area
  - Humboldt
- Grid connections
  - Humboldt Bay



Source: BOEM





### Resources

Deeper, farther from shore Site flexibility Space availability

### Jobs

Domestic and export industrial opportunities Regional developments Build on O&G

### **Economics**

High capacity factor Higher scalability? Standardisation potential

### New applications

Electricity to population centers Power industry and O&G Recycle marine spaces

## Hywind Scotland – The World's first floating wind farm

 $\frac{30MW}{}$ 

Which is enough to power 20,000 homes

