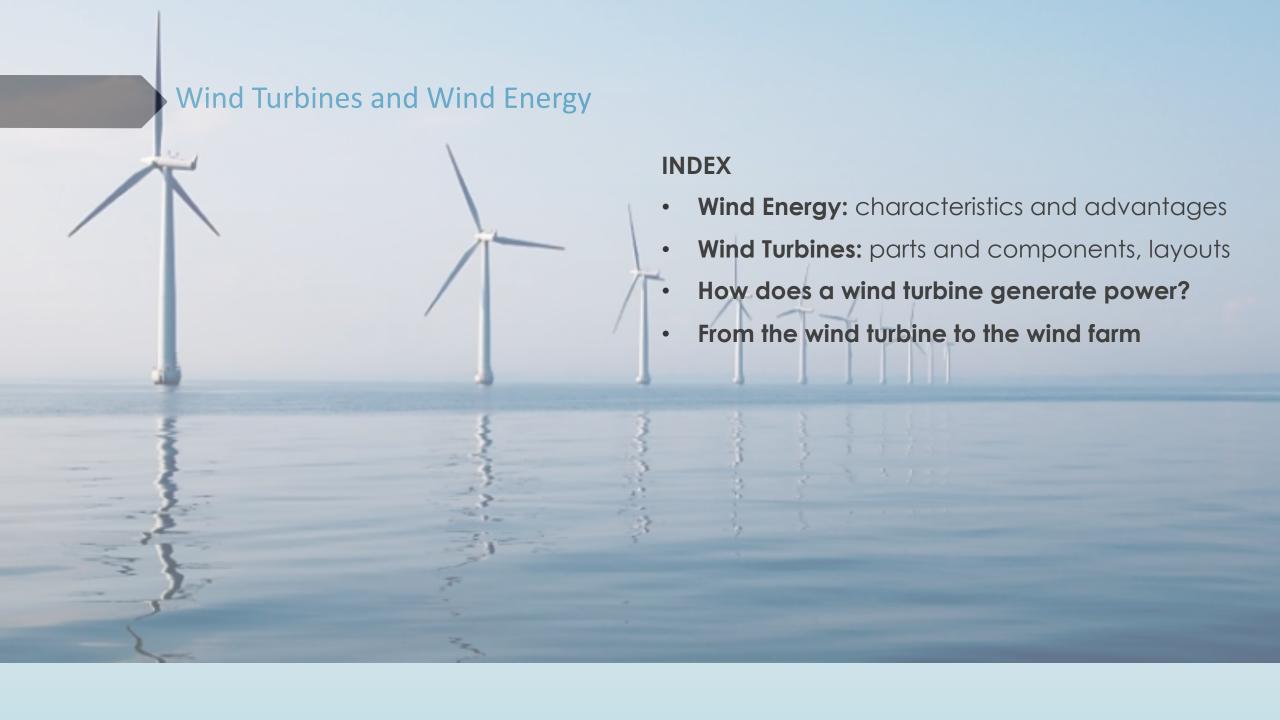
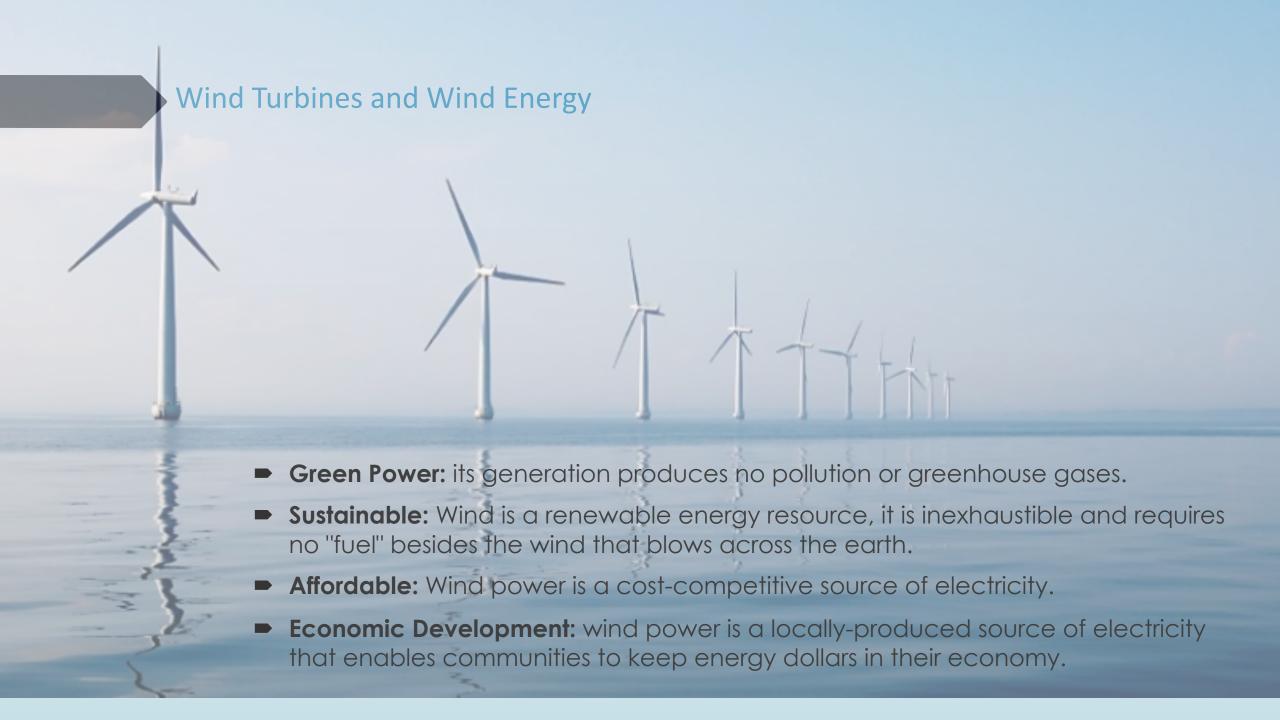


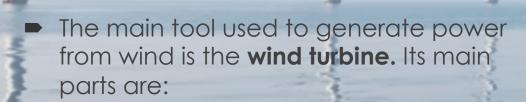


Introduction to clean and renewable Energy technologies

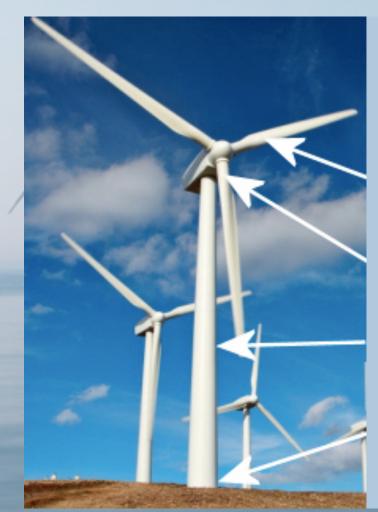
Javier Molinero Arriaga 619 340 9608







- **■** Blades rotor
- Nacelle
- Tower
- Foundation

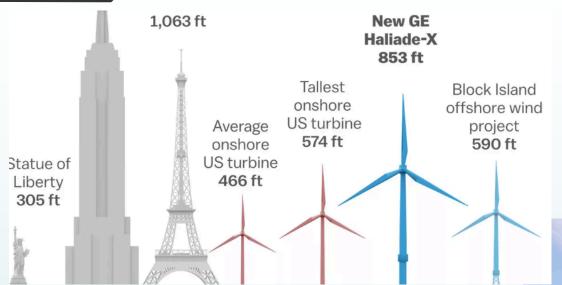


Blade

Turbine

Tower

Foundation





Vertical axis turbines examples







Wind Farms configuration

Wind farms are groups of turbines built in a same location that share a cabling layout.

Constructed in suitable locations – combining winds + geological conditions + site availability.

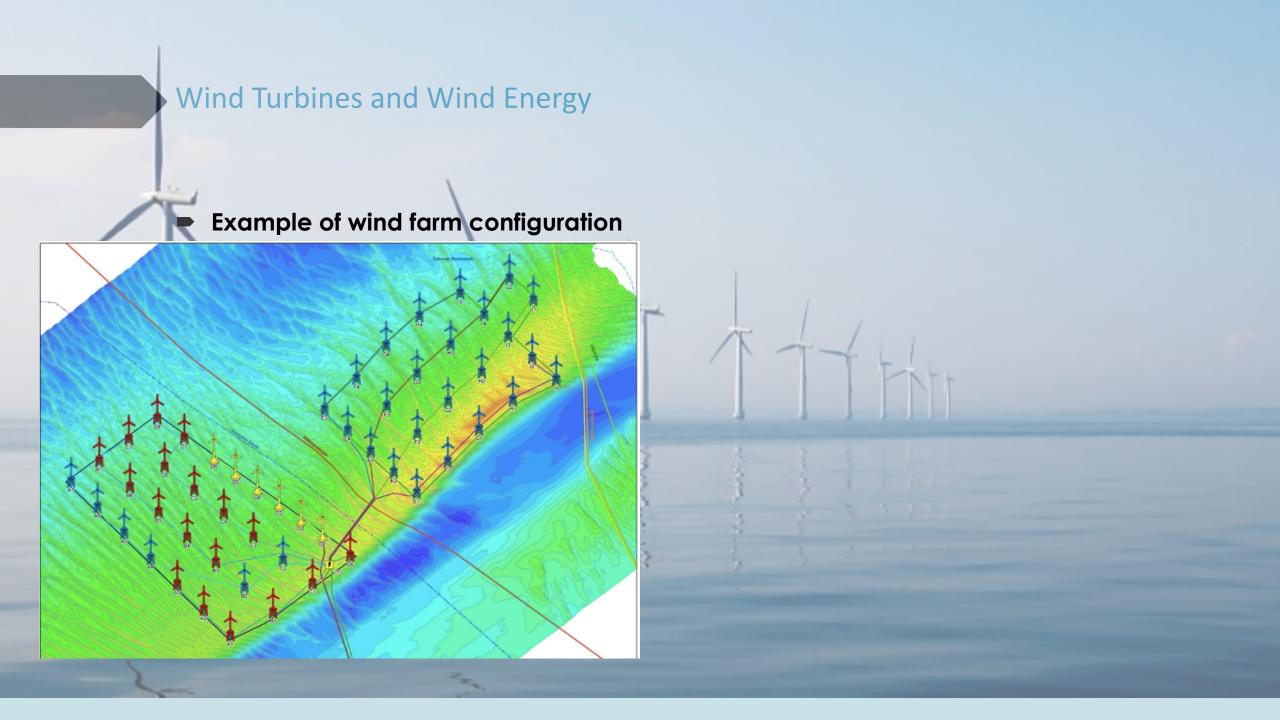
Can be placed

Onshore



Offshore







- www.ewea.org
- Danish wind industry association <u>www.windpower.org</u>
- Siemens wind https://new.siemens.com/global/en/markets/wind.htm
- Ramboll offshore wind www.ramboll.com