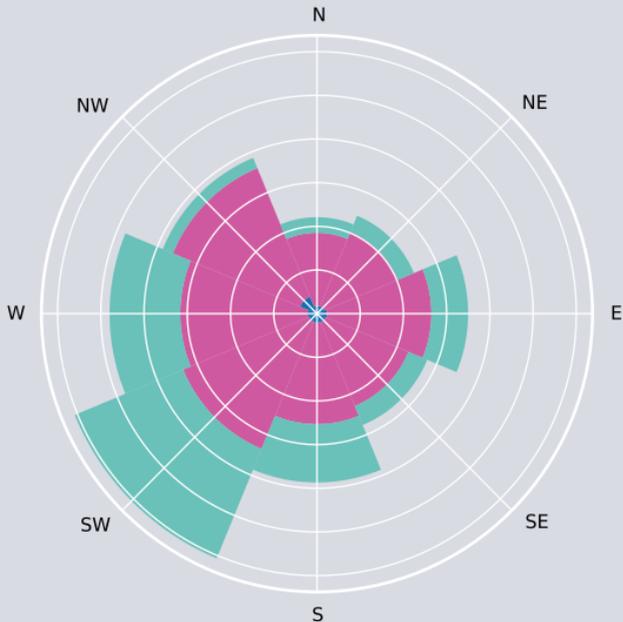
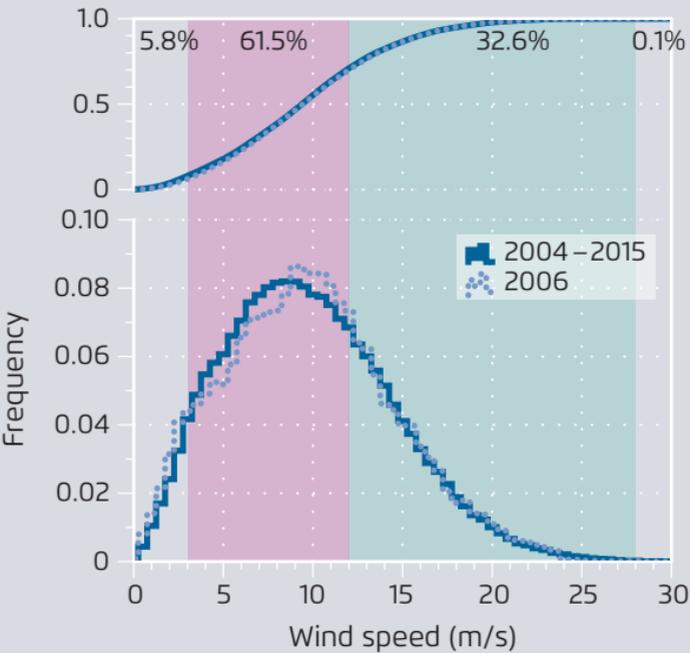


Histogram of wind speeds observed at the FINO-1 observation platform at a height of 100m (left) and the dominant wind directions (right).

Figure 6



- Below cut-in [0–3] m/s
- Power production proportional to cube of wind vel [3–12] m/s
- Rated power production [12–18] m/s
- Beyond cut-off [28 and above] m/s

The light pink and light green areas (left) indicate the region at which a single 12 MW turbine would generate electricity; the light green area indicates where it would operate at its rated capacity.