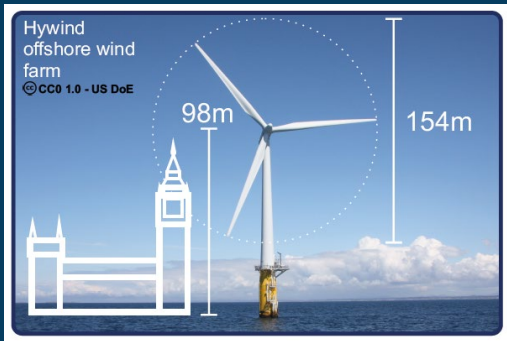


Finding space for offshore wind to support net zero

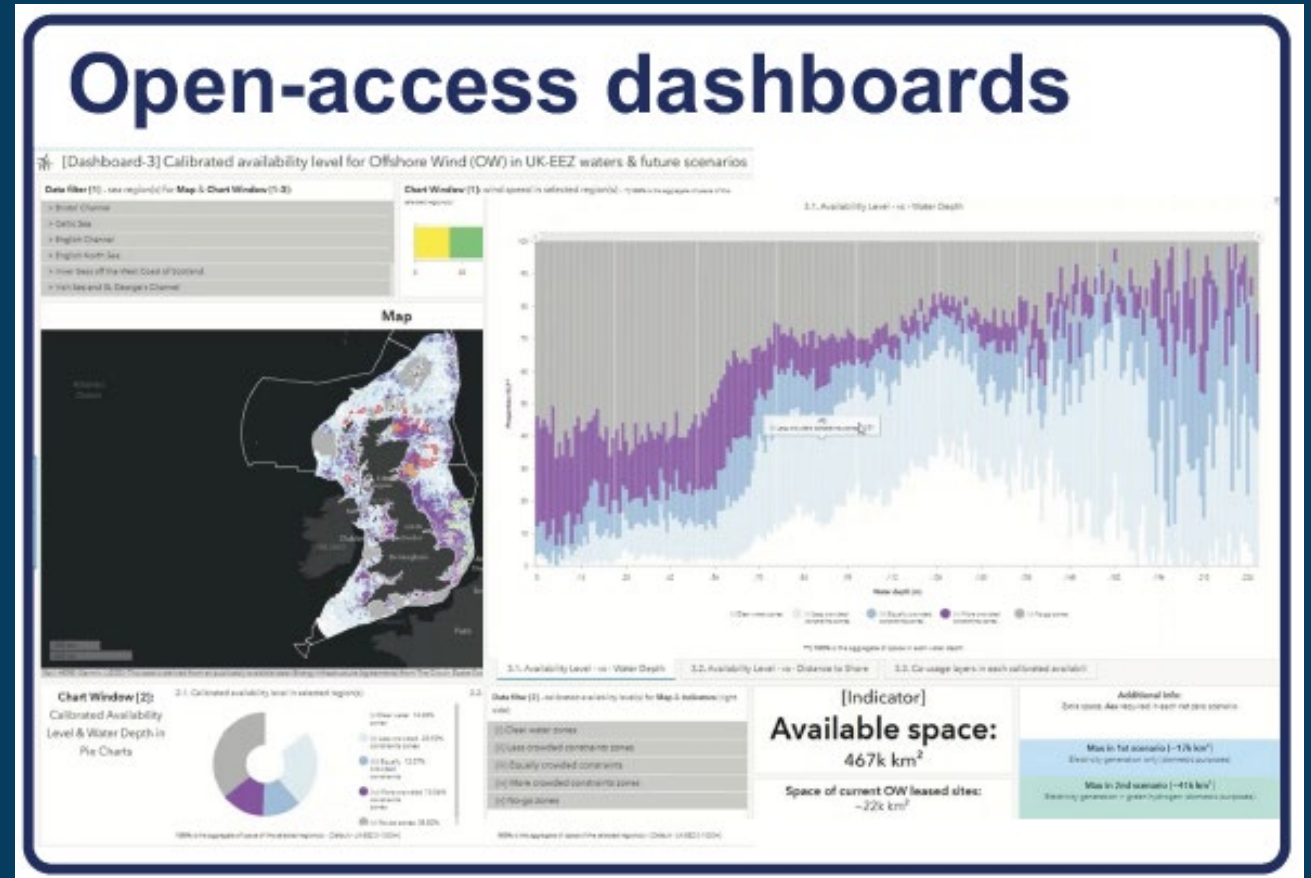


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Finding space for offshore wind to support net zero

Net zero targets

- Current leased sites [■] for offshore wind have used ~3% of space in the UK-EEZ waters
- To meet the net zero targets, the space for offshore wind needs to be increased by 2-5x

UK waters are a busy space

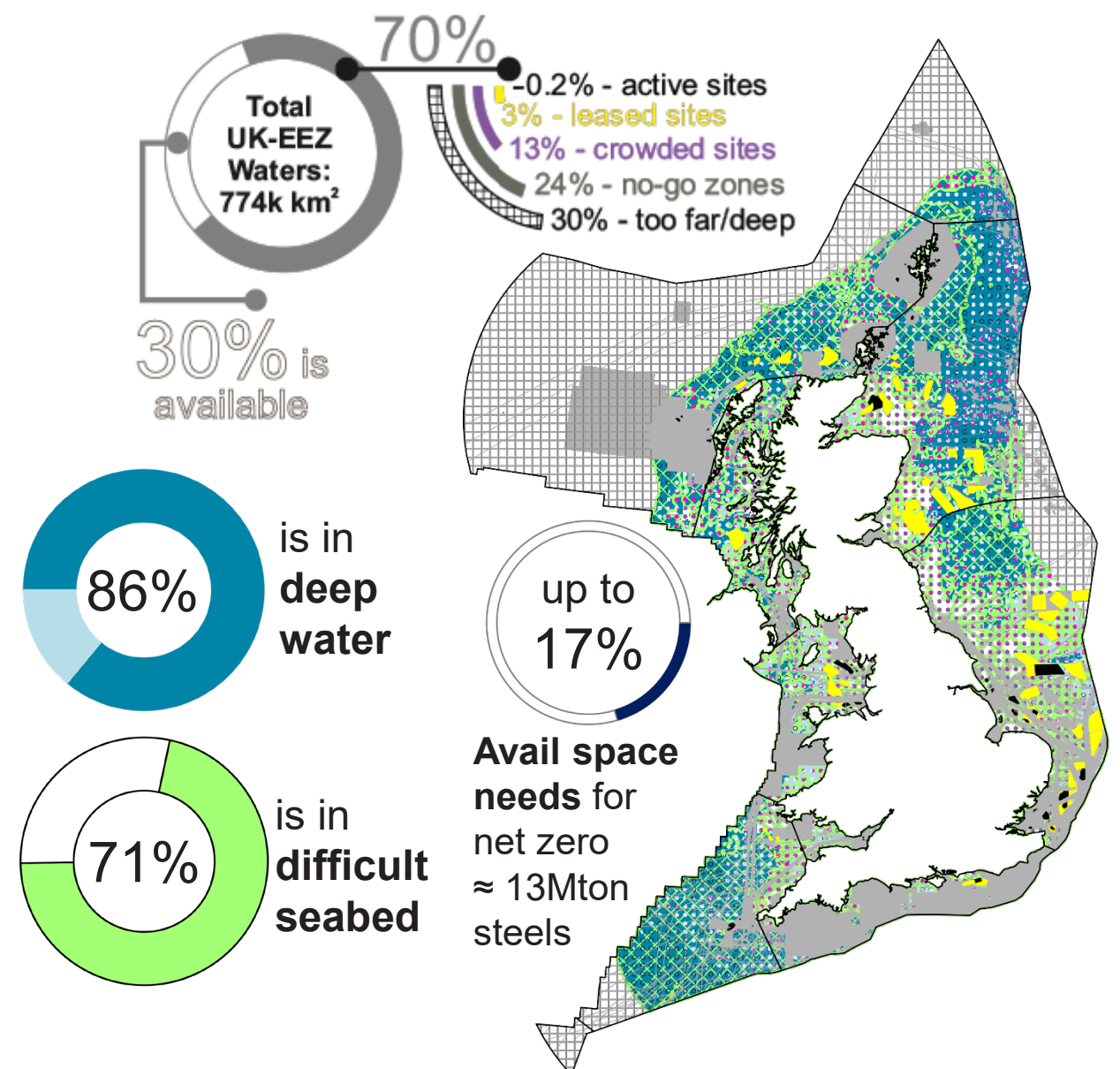
70% is not available: leased sites [■], area w/ more crowded constraints [●], no-go zones [■], or too deep or too far [■]

- 34 spatial constraints have been identified

Available spaces in UK waters

17% of available spaces will be needed: either in clear water [○], area w/less [○] or equal [●] crowded constraints

- Most of available UK waters 'deep' (60-227m) [■] - needing floating offshore wind
- Some spaces are located in difficult seabed [■]



Finding space for offshore wind to support net zero

Future challenges

[1]

Cumulative effects on marine ecosystems

[2]

Deeper water & further from shore

[3]

Demands on supply chain

Addressing challenges

R&D + collaboration

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