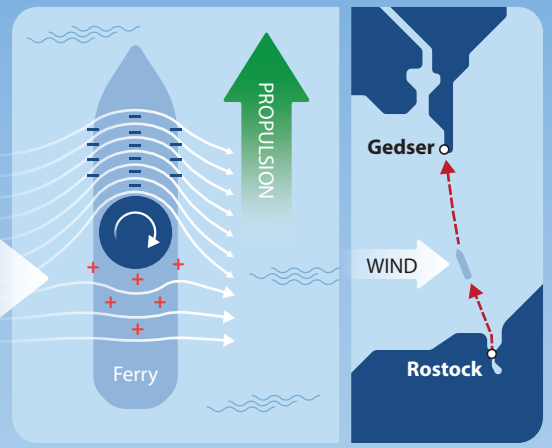
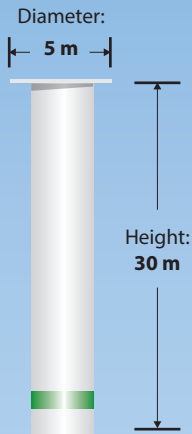
A ROTOR SAIL WIND POWERS SCANDLINES

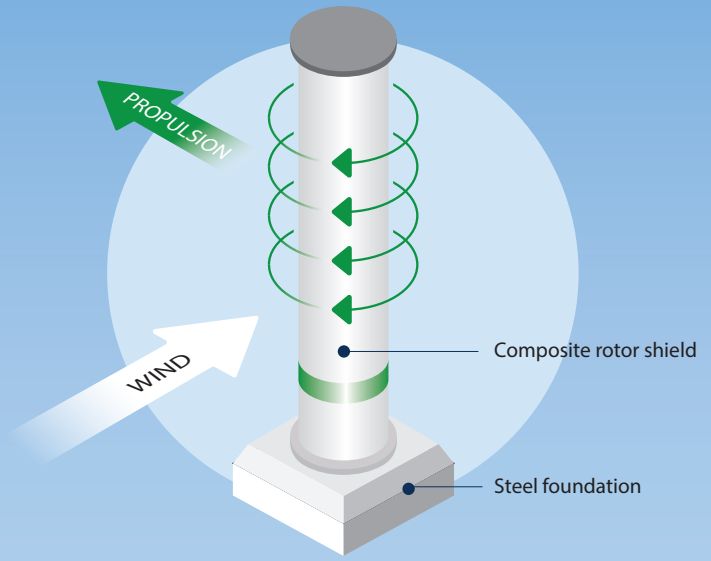
THIS IS HOW THE ROTOR SAIL WORKS

1. The rotor sail uses the Magnus effect for propulsion.
2. When the wind meets the spinning cylinder, the air flow accelerates on one side and decelerates on the opposite side.
3. The difference in pressure creates a force that helps push the ship through the water. Thereby, the ship can reduce the use of the diesel generators and thus lower CO_2 emission by:

4-5 %







Scan the QR-code to read about the Magnus effect:

Scandlines

Interreg North Sea Region WASP