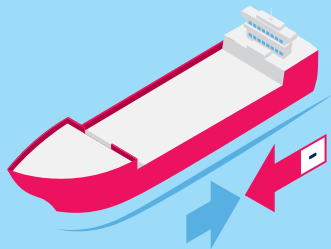


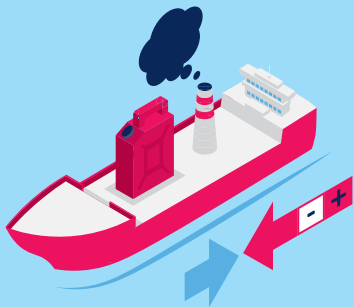
## What is friction and why is it important?



The movement of water along the ship hull causes skin friction resistance.



This frictional resistance works against the movement of the ship, reducing their speed.

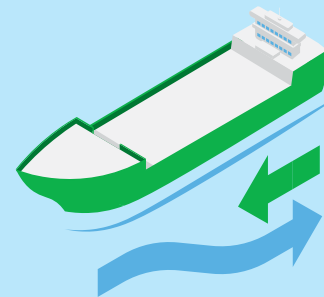


To conserve speed, ships have to exert more force in order to move through the water, which increases fuel consumption and CO<sub>2</sub> emissions.

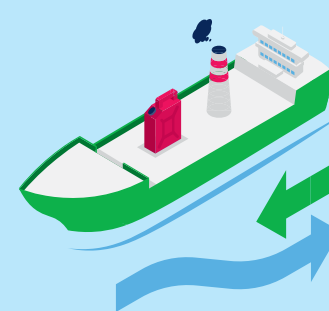
## What solution does AIRCOAT provide?



By covering the ship hull with the passive AIRCOAT layer, the air acts like a lubricant between the hull and the water.



The air layer lowers the frictional resistance of the ship, minimizing the speed reduction.



The AIRCOAT technology has the potential to save 73 million tonnes of fuel at any speed and 225 million tonnes of CO<sub>2</sub> emitted in relevant ships.



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