

International STEM Solution #2

In GREENOCK...



It's amazing how many containers of stuff this ship can carry across the world!

Yeah, it is!

A large cargo ship is docked at a port with many colorful containers stacked on its deck. Two boys are standing on the pier, looking at the ship. One boy is wearing a blue plaid shirt and the other is wearing a green t-shirt. The ship has 'CLYDEPORT' written on its side.

the PROBLEM...

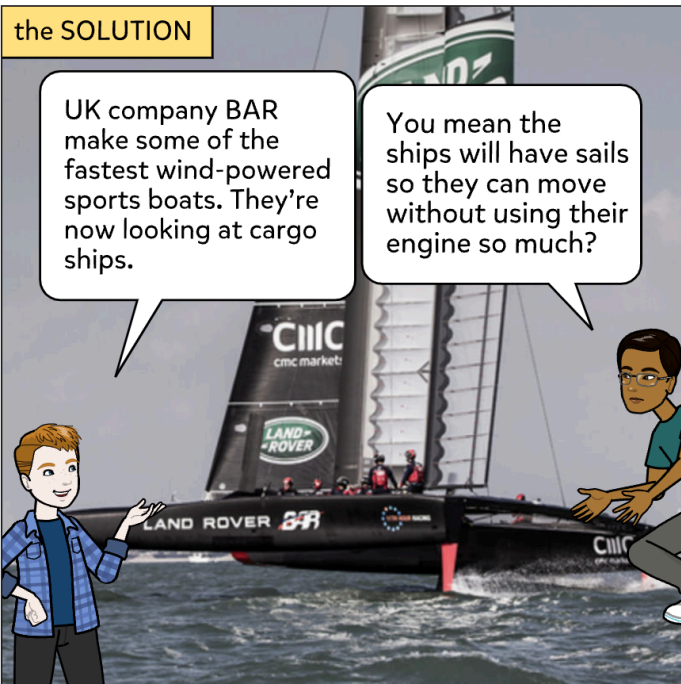


But cargo ships do cause a lot of pollution.

I saw a video the other day about how they're trying something new to change that.

The two boys are standing on the pier, looking at each other. The boy in the green t-shirt is gesturing with his hands as if explaining something. The boy in the blue plaid shirt is listening.

the SOLUTION

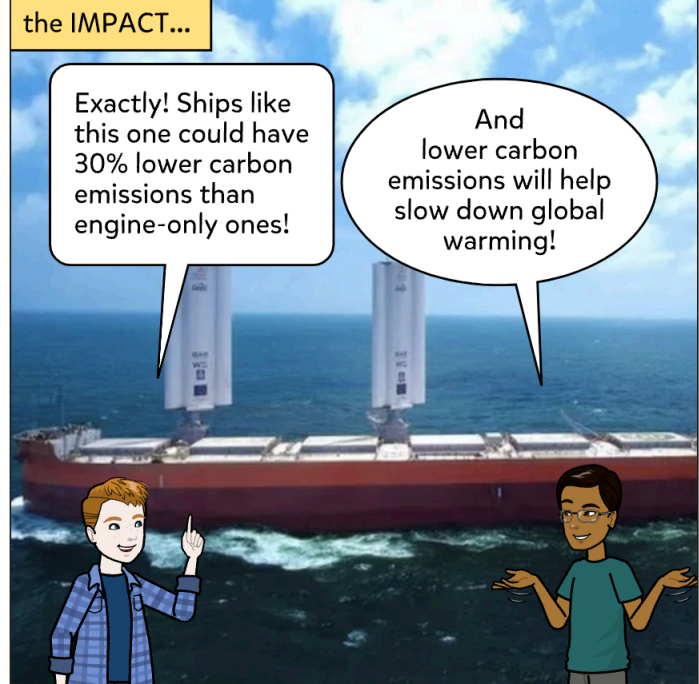


UK company BAR make some of the fastest wind-powered sports boats. They're now looking at cargo ships.

You mean the ships will have sails so they can move without using their engine so much?

A large cargo ship is shown on the water, equipped with large sails. The ship has 'LAND ROVER BAR' and 'CIIC cmc market' written on its side. Two boys are standing on the pier, looking at the ship. The boy in the blue plaid shirt is gesturing towards the ship.

the IMPACT...



Exactly! Ships like this one could have 30% lower carbon emissions than engine-only ones!

And lower carbon emissions will help slow down global warming!

The two boys are standing on the pier, looking at the ship. The boy in the blue plaid shirt is pointing upwards. The boy in the green t-shirt is gesturing with his hands.