

CLIMATE AND INDUSTRY

1. In 2005, the EU launched a ground breaking new project called the Emissions Trading System (EU ETS). It is the world's first and largest system to limit the amount of greenhouse gases that can be emitted, and to make companies pay for the emissions they release into the atmosphere.

However, not all industries are currently part of the EU ETS. Can you guess which ones are?

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| <u>ROAD TRANSPORT</u> | <u>CEMENT</u> | <u>CARDBOARD</u> | <u>STEEL</u> | <u>SHIPPING</u> |
| <u>ALUMINIUM</u> | <u>CONSTRUCTION</u> | <u>IRON</u> | <u>WASTE</u> | <u>OIL</u> |
| <u>POWER</u> | <u>AGRICULTURE</u> | <u>PAPER</u> | <u>GLASS</u> | |

2. What about the non-EU ETS industries? Discuss with a partner:

Do they still have to reduce their emissions? **YES / NO**

Are they outside the EU ETS because they emit fewer greenhouse gases? **YES / NO**

Could they potentially join the EU ETS one day? **YES / NO**

3. The transport industry is a major greenhouse gas emitter. Did you know that each vehicle emits a different amount of greenhouse gas? For example, walking produces no emissions, whilst an airplane creates lots.

In fact, someone flying from London to New York and back generates about the same amount of emissions as the average person in the EU does by heating their home for a whole year!

In small groups, try to come up with a ranking (from fewest emissions to most emissions per passenger) of the following means of transport:

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|--------------------|-----------------------------|---------------------|---------------------------|-------------------|
| <u>REGULAR CAR</u> | <u>BICYCLE</u> | <u>SAILING BOAT</u> | <u>PASSENGER AIRPLANE</u> | <u>TRACTOR</u> |
| <u>TRAIN</u> | <u>HORSE-DRAWN CARRIAGE</u> | <u>CRUISE LINER</u> | <u>E-SCOOTER</u> | <u>HYBRID CAR</u> |

Will you think twice about your next holiday? If you are not going too far, you might be able to persuade your parents to take the train instead of an airplane.
