

Climate change quiz

Are you a climate change hero? Test your knowledge in our fun quiz.

Tip: All the answers are somewhere on this site.

1) How much of the energy used by the average European household goes towards heating the home?

A: 25%

B: 50%

C: 70%

2) How much of the energy used by the average European household goes towards heating water?

A: 10%

B: 32%

C: 14%

3) The amount of CO₂ emissions created per hour when using an energy-saving light bulb is ...

A: less than 20% that of a conventional bulb

B: less than 5% that of a conventional bulb

C: less than 50% that of a conventional bulb

4) Which of these household appliances is responsible for the most CO₂ emissions per hour of use?

A: A television

B: A computer

C: An air-conditioning unit

5) If you watch television for three hours a day and leave the set on standby for the rest of the time, what percentage of the energy is used when in stand-by mode?

A: 10%

B: 20%

C: 40%

6) Which of these household tips will NOT save energy?

- A: Boil only the water you need
- B: Use a fan rather than air-conditioning
- C: Leave appliances on 'stand-by' rather than turning them off

7) If you are taking a journey of a few hundred kilometres on your own, which is the 'greenest' vehicle?

- A: Plane
- B: Train
- C: Car

8) How can you save energy when driving?

- A: Use air-conditioning sparingly
- B: Make sure you warm the car up before you start driving
- C: Drive as fast as possible

9) In March 2007, EU governments agreed to cut their greenhouse gas emissions by how much?

- A: 50% of 1990 levels by 2020
- B: 20% of 1990 levels by 2020
- C: 30% of 1990 levels by 2020

10) Under the Kyoto Protocol, what cuts in greenhouse gas emissions must the EU-15 countries (the 15 countries that made up the EU when the Protocol was agreed) make by 2012?

- A: They have to cut emissions as a whole by 8% compared to 1990 levels
- B: They have to cut emissions as a whole by 5% compared to 1990 levels
- C: They have to cut emissions as a whole by 15% compared to 1990 levels