

# OUT IN FRONT - QUICK QUIZ

## ANSWERS

**1b.** In its recent report the Intergovernmental Panel on Climate Change (IPCC) conclude it's **very likely (>90% chance)** that human activity is driving climate change.

The IPCC summary can be downloaded from <http://www.ipcc.ch/> and it was widely reported in the media in early Feb 07.

**2c.** The graph shows global change in **CO<sub>2</sub>** over the last 10,000 years. Also referred to as the hockey stick curve.

Some useful web links to climate change

UK climate impacts programme <http://www.ukcip.org.uk/>

SW Climate Change Impacts Partnership <http://www.oursouthwest.com/climate/>

One of the sites on gwetting involved to do something about it climate chaos <http://www.icount.org.uk/climate%5Fchaos/>

**3d. M. King Hubbert** is credited with pointing out that the peak in oil discovery occurs about 40 years before the peak in production occurs (and the "peak oil" graph is sometimes called Hubbert's graph). Oil discovery peaked in the USA in 1930s and production peaked in the 1970s. World discovery peaked in 1960s and it looks as if production peaked in 2005. The world currently consumes 4 times as much oil as it discovers.

<http://www.peakoil.com/sample/>

<http://energybulletin.net/primer.php>

**4b.** The most recent estimate is that **more than 52,000** people died in the 2003 European heatwave (initial estimates were about 25,000).

<http://www.earth-policy.org/Updates/2006/Update56.htm>

[http://en.wikipedia.org/wiki/2003\\_European\\_heat\\_wave](http://en.wikipedia.org/wiki/2003_European_heat_wave)

**5b.** The Met Office's Hadley Centre for Climate Prediction & Research is in **Exeter**.

<http://www.metoffice.gov.uk/corporate/pressoffice/anniversary/hadley.html>

**6d. early pack ice break-up** is the biggest climate change threat to polar bears.

So says the 40-strong polar bear specialist group of the IUCN World Conservation Union. Polar bears are now classified as "vulnerable" because of a likely 30% decline in their worldwide population over the next 35 to 50 years mainly due to pack ice breaking up 3 weeks earlier and the bears losing 3 weeks of best feeding time.

<http://www.iucn.org/places/canada/pdf/news06/north%20america%20package.pdf>

**7c.** The UK's carbon footprint is on the **right** (alongside the USA's). On the left is China and Brazil is in the middle.

<http://www.icount.org.uk/news/42.asp> (p.67)

**8a.** This is the EU ecolabel indicating **relatively eco-friendly goods & services**

<http://www.defra.gov.uk/environment/consumerprod/ecolabel/intro.htm>

**9c. No.** Green NGOs (e.g. FOE) do not support tree planting for carbon offsetting

<http://www.sinkswatch.org/pubs/carbon%20offset.pdf>

<http://environment.guardian.co.uk/climatechange/story/0,,1987647,00.html>

<http://www.guardian.co.uk/climatecare/0,,1394054,00.html>

**10a. Arnold Schwarzenegger** said "I say the debate is over. We know the science, and we see the threat. The time for action is now."

He said it in an article published in New Scientist on 21<sup>st</sup> Jan 06

