2015 UK Provisional Greenhouse Gas Emissions

2015 UK greenhouse gas emissions provisionally estimated to decrease from 2014

Reduction in emissions mainly due to decrease in the use of coal for electricity generation

2014-2015 % change  1990-2015 % change

Total Greenhouse Gas emissions  3%  38%
Carbon dioxide emissions  4%  32%

2015 temperature adjusted greenhouse gas emissions were higher than actual emissions

Higher temperature adjusted emissions reflects the fact that temperatures in 2015 were slightly warmer than the long term average

2014 annual average temperature warmer than long term average by 1.0°C
2015 annual average temperature warmer than long term average by 0.4°C

Temperature adjusted emissions estimates remove the effect of external temperatures
Figures are annual totals including the preceding 4 quarters.

The energy supply sector experienced the largest reduction in CO₂ emissions from 2014 to 2015

Reduction in energy supply CO₂ emissions driven by change in fuel mix for electricity generation in 2015, with less use of coal and more use of nuclear and renewables

2014-2015 % change  1990-2015 % change

Energy supply  13%  44%
Industrial process  5%  40%
Business  3%  38%
Transport  1%  1%
Residential  5%  18%
Public  6%  36%

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