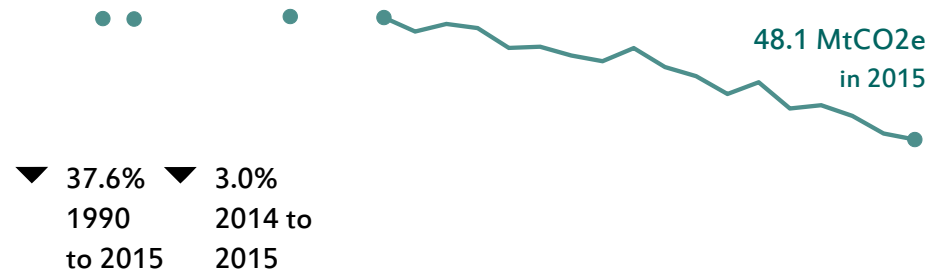


## Source emissions have decreased by 37.6% since baseline levels, and dropped by 3.0% over the latest year

Source emissions are a measure of actual greenhouse gas emissions or removals in Scotland. These figures include international aviation and shipping categories and are used for UK and international comparisons.

Source Emissions  
1990 to 2015

77.1 MtCO<sub>2</sub>e  
1990



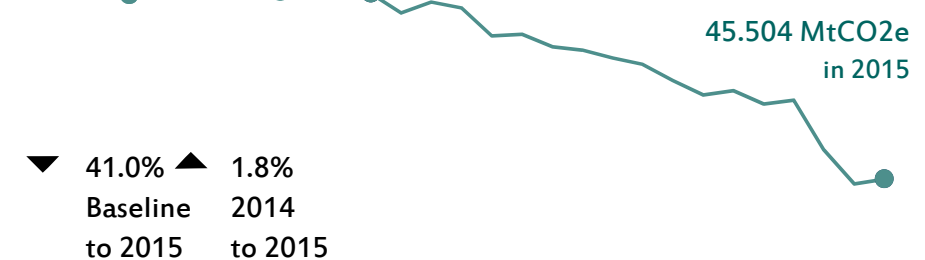
## Adjusted emissions have decreased by 41.0% since baseline, and increased by 1.8% over the latest year

Source emissions are adjusted to account for Scotland's participation in the EU-wide emissions trading scheme.

These figures are used to monitor Scotland's emissions targets.

Adjusted Emissions  
Baseline to 2015

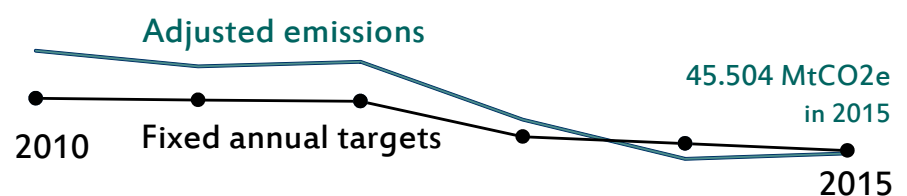
77.1 MtCO<sub>2</sub>e  
Baseline



## Annual fixed target for 2015 has been met

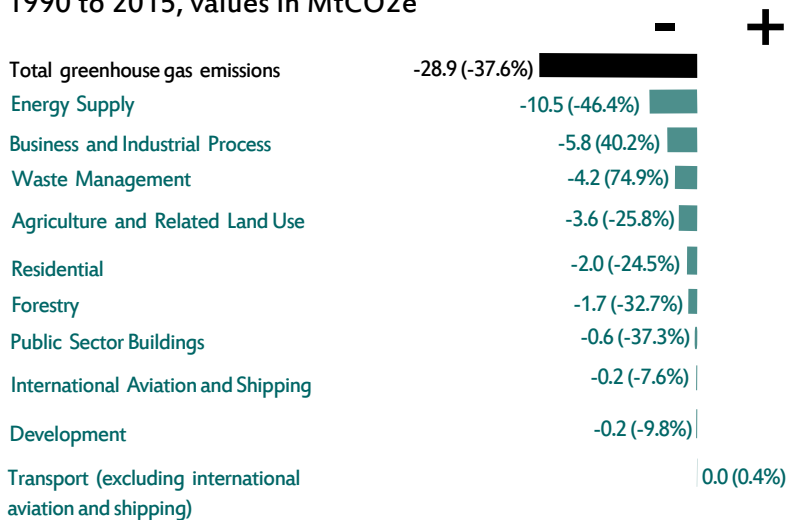
Adjusted emissions figures are used to measure progress against fixed annual targets set out in The Climate Change (Scotland) Act 2009.

Adjusted Emissions  
and Targets  
2010-2015

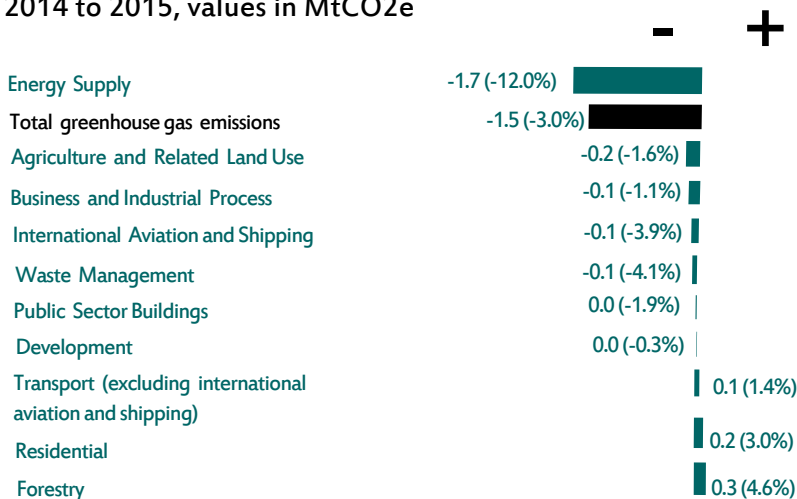


\*The fixed annual target for 2015 of 45.958 MtCO<sub>2</sub>e has been met and this is the second consecutive year the annual target has been met.

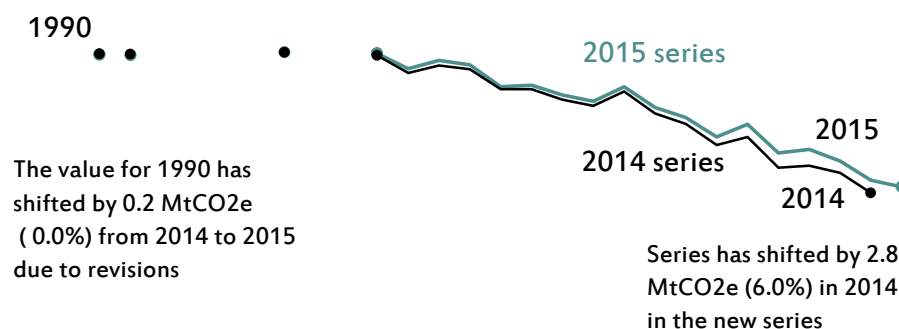
## Source Emissions by sector 1990 to 2015, values in MtCO<sub>2</sub>e



## Source Emissions by sector 2014 to 2015, values in MtCO<sub>2</sub>e



## Methodological changes between the 2014 and 2015 publications



## Energy supply emissions have seen the largest decrease since 1990

This is mainly due to a reduction of emissions from power stations.

The decline in Business and Industrial Process emissions is linked to a decline in emissions from the manufacturing of iron and steel.

The decrease in Waste Management emissions is largely due to improvements in landfill management.

## Energy Supply is no longer the largest emitting sector

The decrease in Energy Supply emissions is driven by a reduction in coal generation in the power sector. Transport is now the largest emitting sector, the increase in transport emissions was mainly due to an increase in emissions from road transport.

The increase in Forestry is due to the harvesting and thinning of trees.

The increase in Residential emissions is linked to an increase in the combustion of fuel in households, reflecting cooler mean temperatures in 2015 compared to 2014.

## Methodology changes

The figures have been revised since last year's publication to incorporate methodological improvements and new data.

Data revisions in some sectors, particularly Waste Management, have impacted historic emissions levels more than recent ones. This is the result of improved modelling of Waste Management activity.

The size of the Forestry sink has been reduced by roughly a third across the whole time series as a result of an improved measurement methodology.