Establishing Suffolk's carbon footprint

CRed Suffolk carbon reduction

The consumption of fossil fuels and the consequent release of greenhouse gases, in turn, has impacts and implications for the Earth's climate which are already being felt in the Eastern region.

Carbon footprinting is a method of representing the impact that humans have on their environment. This is measured in the amount of the greenhouse gases expressed as an equivalent amount of carbon dioxide (CO2) that we emit in our day-to-day lives.

Calculating a carbon footprint for Suffolk will help to identify principal sources of greenhouse gas emissions and enable local communities to identify local issues and prioritise where resources and projects should be targeted.

Using data published by the National Inventory of Environmental Emissions, CRed Suffolk has established a carbon dioxide inventory for Suffolk.

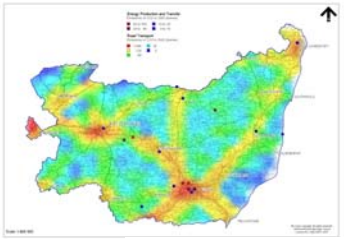
This forms the first step to developing a greenhouse gas inventory for Suffolk.

Summary of CO_2 emissions at county level (2004)

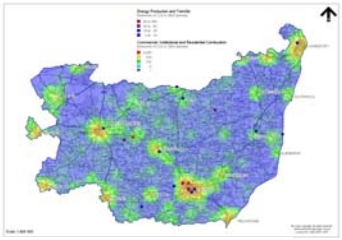
Subject	Value
Total CO_2 Emissions (tonnes)	4,826,501
CO_2 per head of population (tonnes)	7.06
Total CO_2 Emissions from Transport (tonnes)	1753,543
Transport as % of Total	36.33
Total Domestic CO_2 Emissions (tonnes)	1,445,770.00
Domestic as % of Total	29.95
Total Industrial & Commercial CO_2 Emissions (tonnes)	1,574,460
Industrial and Commercial as % of Total-	32.62
Total CO_2 Emissions from Landfill (tonnes)*	52,728
Waste (Landfill) as % of Total	1.09

* *Comprising Municipal Solid Waste*

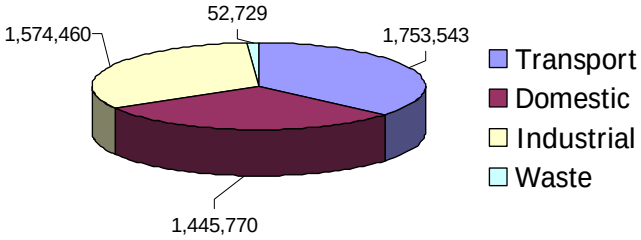
Domestic/commercial emissions



Road transport emissions



CO_2 emissions by sector for Suffolk 2004 (tonnes)



Energy Production/Industrial emissions

CRed Suffolk comprises all the local authorities in Suffolk and key partner organisations to promote low carbon initiatives and adaptation to a changing climate.
Supporting Suffolk – Creating the Greenest County