

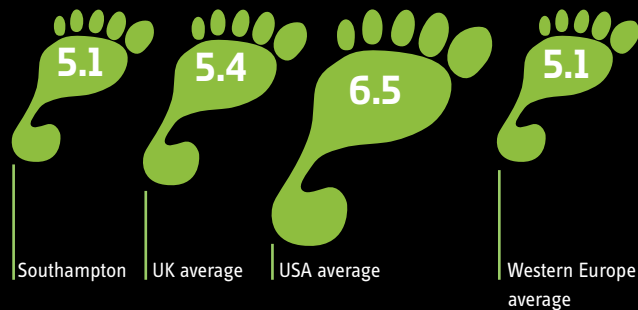
Southampton Low Carbon City Strategy

2011-2020

Southampton's ecological footprint

How much land and sea is needed to provide the energy, food and materials we use in our everyday lives, and how much land is required to absorb our waste.

GLOBAL HECTARES PER PERSON

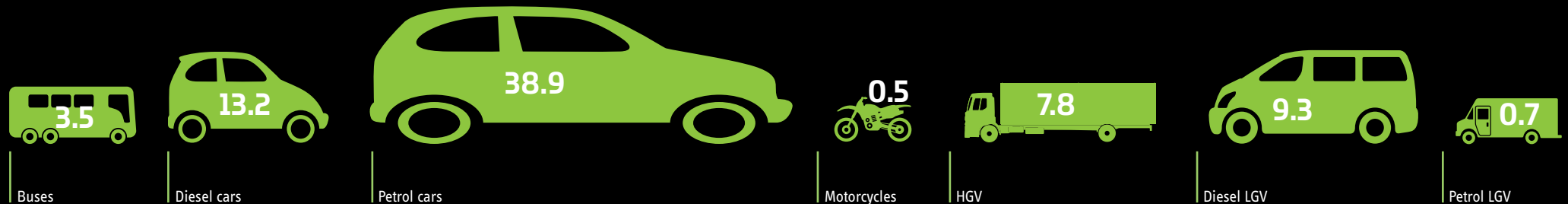


District heat network

The city centre district heat network saves 12,000 tonnes of CO2 emissions each year; that's a cumulative total of 130,000 tonnes saved since the scheme began.

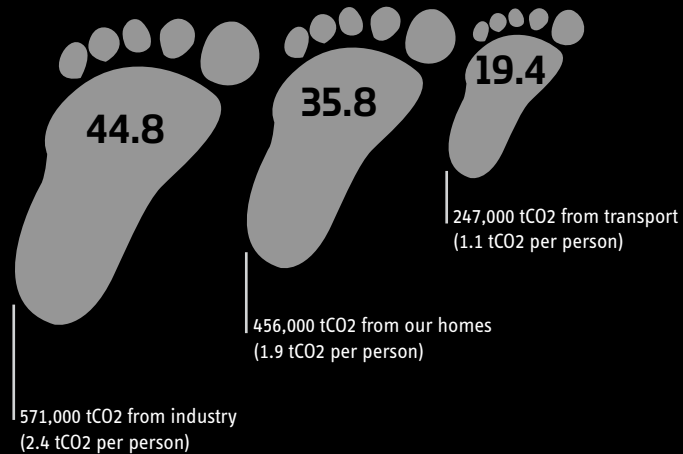
Road transport energy consumption

THOUSANDS OF TONNES OF FUEL CONSUMED (2008)



Carbon footprint for the city

1,274,000 TONNES CO2 IN TOTAL (5.4 tCO2 PER PERSON)



Cycle data

200 tonnes of CO2 saved through the cycle to work challenge. Southampton has over 30km of cycle lanes, tracks and shared-use footways.

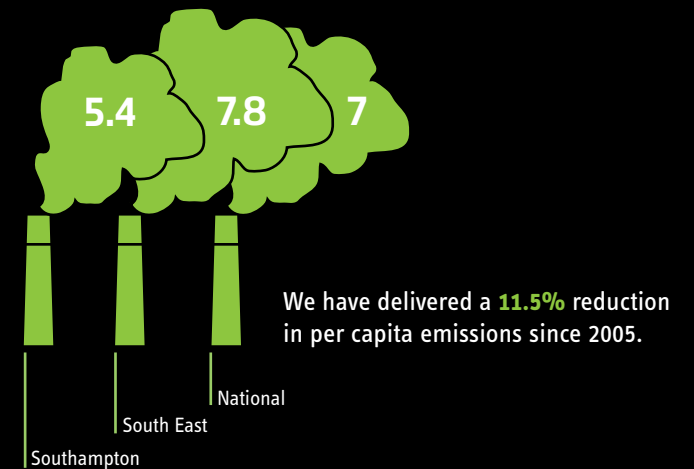


Low Carbon Economy

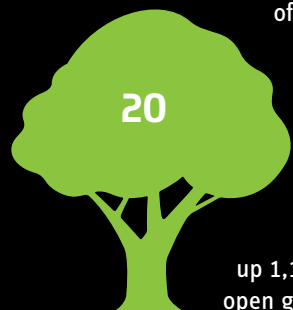
Southampton and the surrounding area has the UK's largest concentration of clean-tech companies outside of London (around 600 Environmental Technology and Service firms, with around 11,000 employees and annual sales turnover of £1.4 billion). Southampton University has more sustainability researchers than any other UK university (266 researchers and 188 PhD students).

Carbon emissions per capita

TONNES OF CO2 EMISSIONS PER CAPITA PER YEAR



Acres of open green space



More than 20% of the total area of Southampton is made up of green spaces managed by the council. Southampton has 49 parks, 23 allotments, 8 greenways, over 20,000 individual grass and shrub plots and over 80 other green spaces making up 1,100 hectares of parks and open green space. 17 million visits to the parks were made by local residents in 2006/2007.

Energy consumption per person

18.8 MWh OF ENERGY CONSUMED PER PERSON (SOUTHAMPTON)
27.7 MWh OF ENERGY CONSUMED PER PERSON (SOUTH EAST)

AVERAGE ENERGY REDUCTION % IN SOUTHAMPTON 2005-2008



Water consumption per person per day

AVERAGE LITRES PER PERSON PER DAY



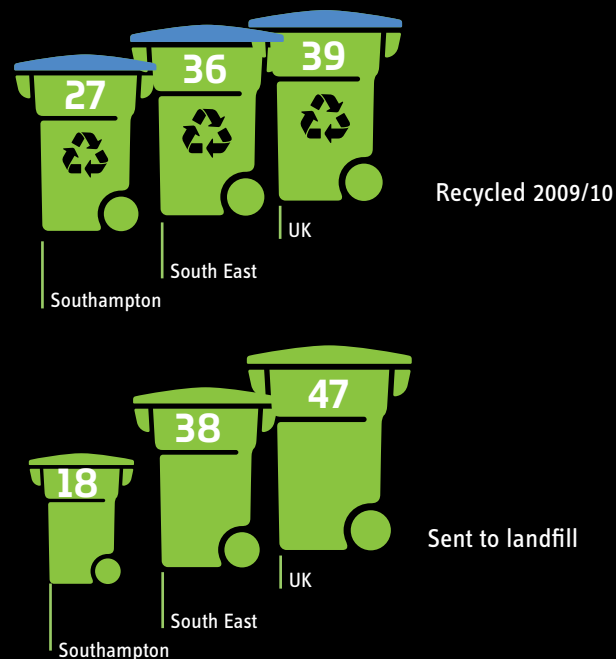
Flood data



- 22.8 per cent of properties in a flood zone are signed up to Flood Warning Direct.
- 22.9 per cent of Southampton is within a flood plain.
- 6,544 properties in Southampton are at risk of flooding.

Waste

400KG OF HOUSEHOLD WASTE IS GENERATED PER PERSON PER YEAR (SOUTHAMPTON)



Eco schools data



Over 50% of Southampton's schools are registered eco-schools.

Achievements so far

We have reduced per capita CO2 emissions in Southampton by 8.3% against a year end reduction target of 4.5% for 2009/2010.

- Saved over 1355 tonnes of CO2 between April 2007 and March 2010 to exceed our LAA stretch target.
- CO2 emissions from our operations are down 7.5% in the last year alone compared with 2008 levels which puts us in the top quartile of local authority performance nationally.
- Saved £2m in future energy costs from our operational buildings. This includes savings of over 835 tonnes of CO2 through our energy efficiency invest-to-save programme.
- Saved 205 tonnes of CO2 over two years by automatically shutting down computers after 7pm and adjusted software settings.
- Saved 136 tonnes of CO2 through our schools renewables programme with a further 50 tonnes to be saved by projects in the pipeline.
- We replaced 2500 traffic lights with LED technology to save 400 tonnes of CO2 emissions each year.
- 100% of new development in Southampton since January 2010 meets the Code for Sustainable Homes Level 3 or BREEAM Very Good.

In 2010 the city sent 12,407 tonnes of biodegradable waste to landfill. Not only was this lower than the council's 2010 target it was also lower than the council's 2020 target of 20,129 tonnes.

Agreed priorities

READ THE LOW CARBON CITY STRATEGY TO FIND OUT HOW WE WILL:

- Reduce the city of Southampton's CO2 emissions by 34% by 2020
- Reduce the council's CO2 emissions by 40% by 2020.

MEET OUR TARGETS OF:

- 10% CO2 reduction by 2013 (2010/2011 baseline).
- 40% CO2 reduction by 2020 (2010/2011 baseline).