

# lowcarboncities

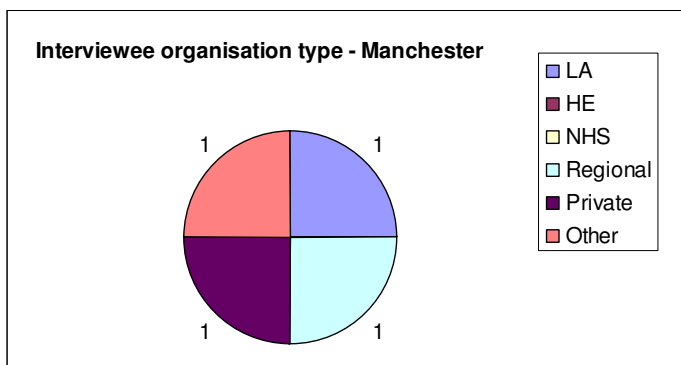


## State of Play audit - Manchester

Regional population: 2.5 million

Sustainable Cities Index rating: 12<sup>th</sup>  
(Forum for the Future)

To ascertain the current level of activity around carbon reduction and climate change across the cities participating in the Low Carbon Cities Programme (LCCP) a series of telephone interviews were carried out with representatives from across the cities. This flier presents the results of the Manchester audit.



**Figure 1 Interviewee organisation type**

The organisations participating in the audit are:

- Greater Manchester Chamber of Commerce
- Manchester Knowledge Capital
- Peel Holdings Group
- Stockport Council

## Carbon Management matrix

The Carbon Trust's Carbon Management matrix was used to score the organisations based on their performance in the five areas defined in the table overleaf.

One of the organisations has a draft Climate Change Strategy and another has a Carbon Management Plan that was written within the last year. Both documents are linked to other policies internally. Only the CM plan has been signed off at a corporate level, however all four interviewees claimed that climate change issues are supported at a senior level within their organisations.

Category	Description	Rating out of 5
Policy	Whether the organisation has a climate change policy and action plan with targets, which is signed off and implemented.	1.8
Organisation	Whether climate change/ carbon management has political support from the highest level of the organisation and is the full time responsibility of an individual or integrated into the responsibilities of many individuals.	1.8
Information and data	Whether externally validated CO <sub>2</sub> emissions data is collated for buildings, transport, etc for a baseline year and at regular intervals.	1.8
Communication and training	Whether there is a formalised communications and training plan for all staff on carbon and energy related matters.	1.8
Finance	Whether there are effective internal financing mechanisms for carbon/ energy saving projects and the extent to which external sources of funding are utilised.	2.8
Monitoring and evaluation	Whether there are regular reviews of carbon management processes by core teams and senior management.	1.8
<b>Average</b>		<b>1.9</b>

Only one organisation had targets for CO<sub>2</sub> emissions reduction: 15% reduction by 2010 (2000 baseline). This organisation was also the only one to have monitoring in place to track progress with climate change and carbon reduction projects.

## Communication

Two of the organisations interviewed admitted that there is currently no internal communication on climate change issues within their organisations. A third interviewee recognised that the communication in his organisation required improvement. The one interviewee that did provide details of the communication vehicles used internal newsletters and plasma TV screens to promote energy efficiency and sustainability.

## Monitoring

Some monitoring is in place for oil and gas use within two of the organisations interviewed. One of the interviewees was unsure whether monitoring took place and a fourth stated that there was none.

Similarly, two organisations monitor work related travel, fleet emissions and commuting practices, with at least one of these using staff surveys.

With regard to monitoring community energy use, one interviewee mentioned the use of HECA reporting and another stated that mileage data is available from the Passenger Transport Executive to measure energy from community travel.

## Projects - Internal

Heating related projects were most popular in Manchester. One interviewee reported the installation of tri-generation

plant for electricity, heating and cooling and a second mentioned the reinstatement of two CHP units. This latter project is estimated to save 600tonnes of CO2 per annum and the organisation is looking at bringing more units online to increase the savings further.

## Projects – External

Each of the organisations provided one external project example:

- Energy audits for an industrial estate with support from Carbon Trust and Groundwise.
- Discounted insulation scheme in partnership with fuel company.
- Installation of a micro-wind turbine at Liverpool Airport.
- Provision of support to local authorities to assist them with the delivery of their affordable warmth strategies.

## Projects – Unsuccessful

The regional interviewee commented that there is a significant level of under resourcing to help projects within local authorities happen. Other reasons for projects failing or not starting included a lack of energy consumption data and practical and financial issues associated with small-scale renewables. The interviewee associated with this latter project stated that changes to funding

schemes or technological developments to make micro-renewables more affordable would overcome these barriers.

## Projects – Planned

Two new projects were described by interviewees:

- Potential installation of a CHP plant at the Trafford Centre.
- Construction of a new wing of the civic complex, which will be BREEAM excellent.

## Partnerships

The interviewees were asked whether they currently worked in partnership with any other organisations on climate change issues. The interviewees listed the following organisations:

- Climate Change Agency for Manchester
- Groundwise
- Local authority waste disposal authority Manchester City Council
- Manchester is my Planet
- Passenger Transport Executive
- Primary Care Trusts
- Utility companies

One interviewee was in the process of establishing an Environment Partnership with local authorities, NHS, Police, etc. This Partnership will develop a Climate Change Strategy once operational.

