

The Customer

Trafford Housing Trust

The Task

Staff Location Analysis,
Drive Distance Areas.

Aim

Identifying the potential for car shares
or staff car leasing to reduce
environmental impact.

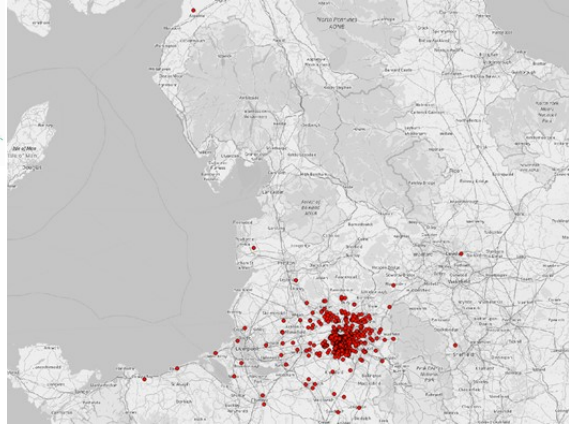
The Data

THT Staff Postcodes, Open Street Maps
& OS Codepoint Open

Method

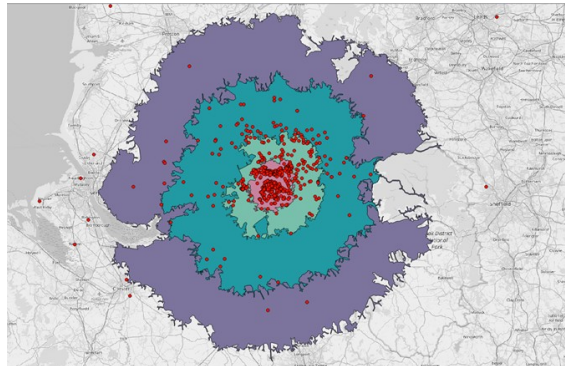
The Trafford Staff Postcodes were
matched to OS Codepoint Open.

These points were used to create Drive
Distance Areas through ArcOnline. Drive
Distance Areas are created through
algorithms that analyse the UK road
network. This can then produce a
polygon showing how far you can drive
within a certain distance. This is
following roads, rather than as the crow
flies.



Result

These polygons can enable a visual analysis of
where car sharing schemes could potentially be
considered. To accompany the visual aid, the
number of staff within each band (5, 10, 20 or
30 miles) was counted and printed with the
final output PDF.



“As a social landlord we have a responsibility to reduce our impact on the environment. We can use this information to work out an accurate calculation of our CO2 emissions based on those who drive into work. Once we know what our impact is we can work out the best way of making improvements, such as a car share or low-emission vehicle leasing scheme.”

Natalie Hyde – Neighbourhood Lead