

City of Trees

Making Trees Count-

<u>Using data to develop a strategy for Greater</u>

Manchester's Trees and Woodlands

Bryan Cosgrove City of Trees





What is a City of Trees?

City of Trees is an innovative and exciting movement that is re-invigorating Greater Manchester's landscape by transforming underused, unloved woodland and planting a tree for every person who lives there, within a generation.

City of trees is a movement, bringing together the **public**, **private** and **third sectors**, and the **people** of Greater Manchester.







Our aims



Plant 3 million trees – one for everyone in Greater Manchester



Bring 2,000 hectares of unmanaged woodland back into use for the community

Connect people to the trees and woods around them.

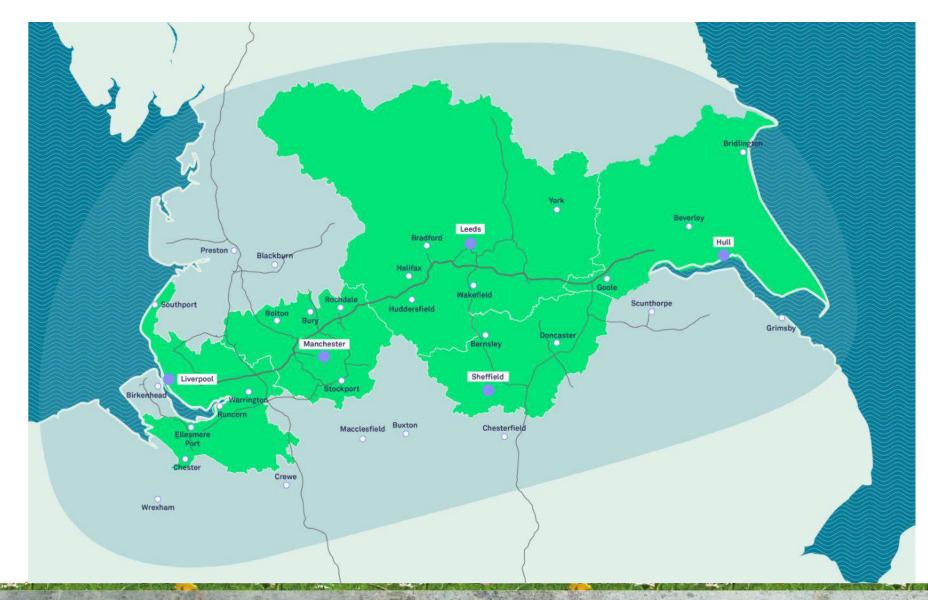








A new Northern Forest



Rochdale Bolton Bury Oldham Wigan Salford STALTBRIDGE Tameside BRMSTON Manchester. Trafford Stockport

TREES NCHESTER

Policy and Influence

Locally...

We are building relationships to unlock strategic support for both trees and woods across Greater Manchester and have the strong support of Andy Burnham, Mayor.



We are part of a number of strategic groups including the Low Carbon Hub, Natural Capital Group and Urban Pioneer, Catchment partnerships, GM Wetlands partnership, Greater Sport Activity Network and Natural Course.

We also co-ordinate the Greater Manchester Forests Partnership – a partnership of 10 local authorities and DEFRA to discuss and plan at a strategic level the development of trees and woodlands across the City region.

Delivering key agendas...

As well as delivering a wide number of community projects on the ground we also strive to ensure our work meets the key priorities of the region including air quality; health and wellbeing; flooding; climate change and resilience; low carbon; sustainable travel and skills and employment.



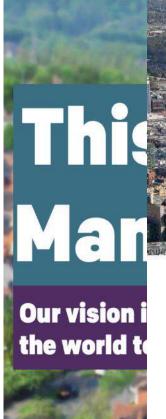














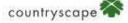
Greater Manchester Natural Capital Investment Plan

EXECUTIVE SUMMARY — JANUARY 2019

eftec, Environmental Finance and Countryscape

Greater Manchester Combined Authority (GMCA)











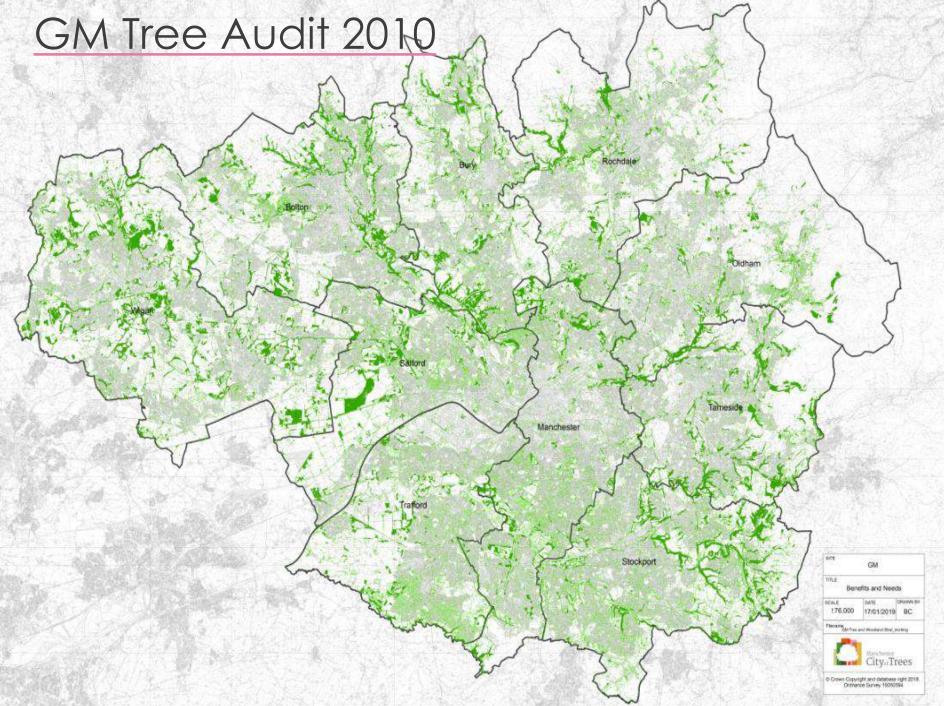




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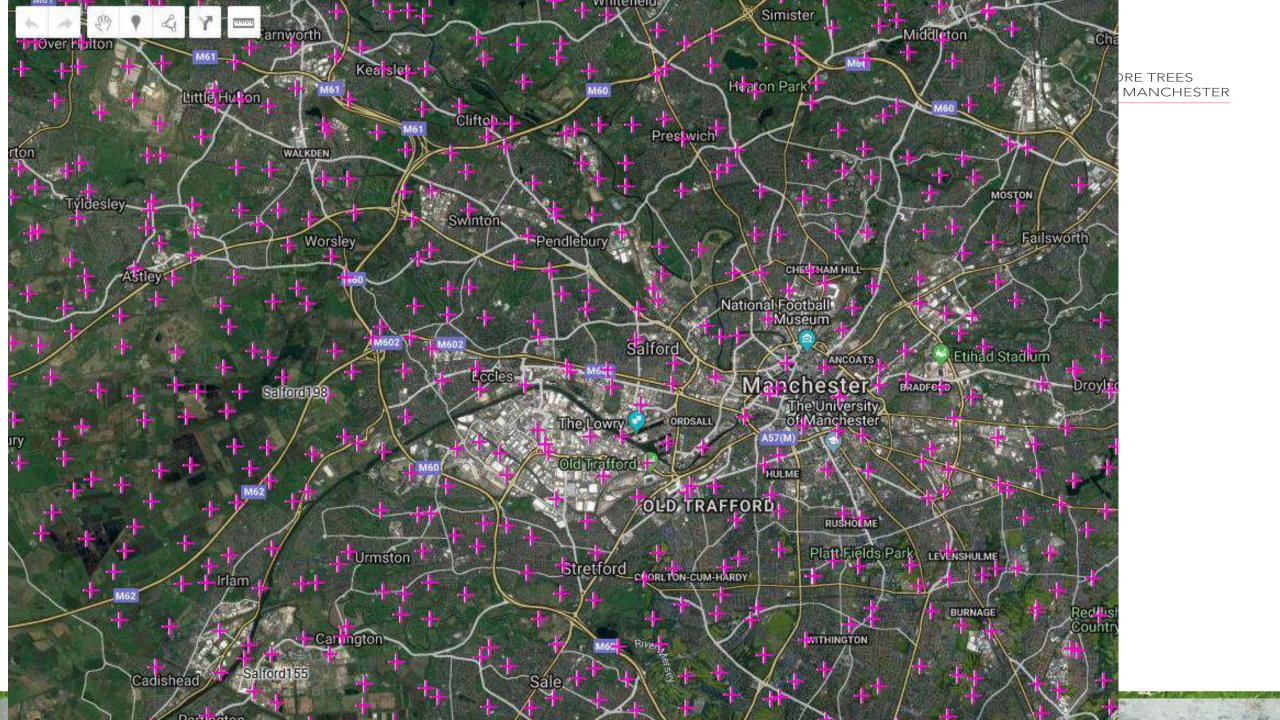






)RE TREES MANCHESTER









#AllOurTrees

STATISTIC #4

The most common species of trees in Greater Manchester are Hawthorn, Sycamore and English Oak.





STATISTIC #5

Trees in Greater Manchester remove **847 tonnes** of pollutants from our air each year.





#AllOurTrees

STATISTIC #7

Trees intercept **1,644,415m³** of stormwater runoff per year in Greater Manchester.









Greater Manchester's trees sequester **56,530 tonnes** of carbon each year.

The current carbon storage of all trees is **1,573,013 tonnes**.







STATISTIC #1

The total annual economic value of air pollution filtration, stormwater attenuation and carbon sequestration in Greater Manchester's trees is £33,298,891.



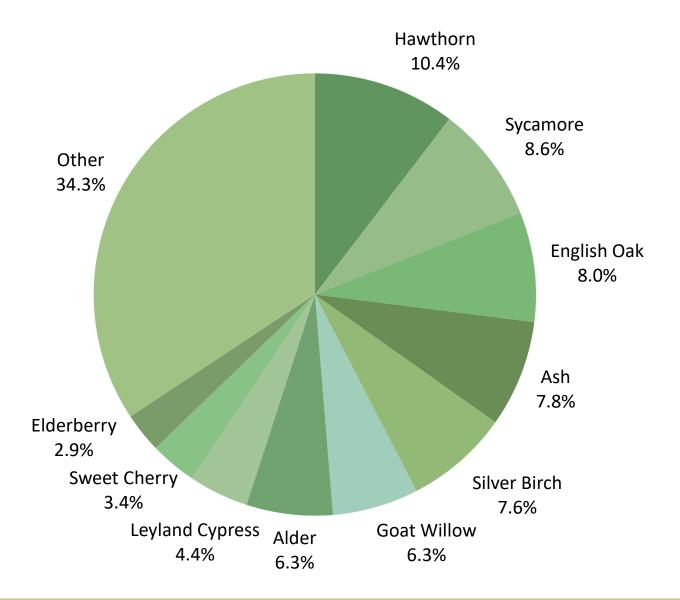


STATISTIC #8

Approx. 1 million trees are in danger of being lost in Greater Manchester due to pests and diseases such as Ash Dieback and Horse Chestnut Bleeding Canker.



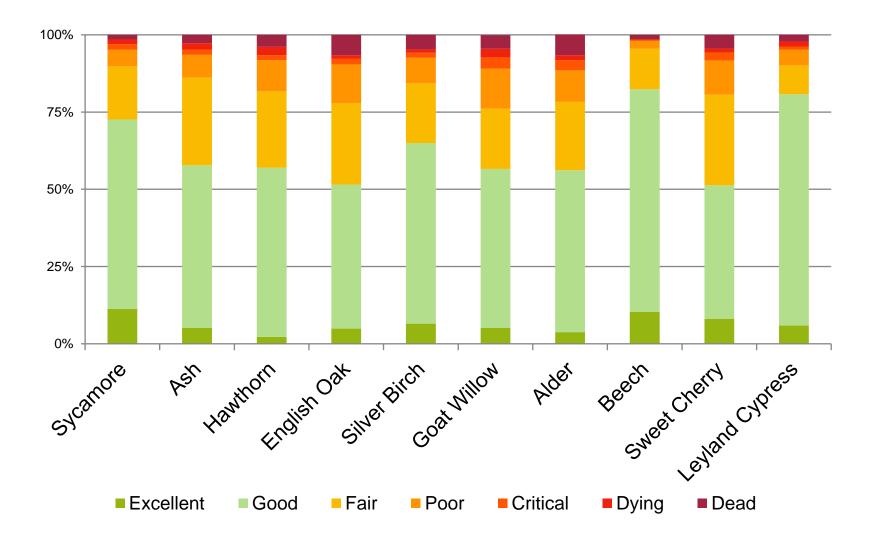






Species	% Population	% Leaf Area	Dominance Value
Sycamore	8.6	16.9	25.5
Ash	7.8	8.8	16.6
Hawthorn	10.4	5.6	16
English Oak	8	7.8	15.7
Silver Birch	7.6	6	13.6
Goat Willow	6.3	5.6	12
Alder	6.3	4.7	11
Beech	2.8	7.7	10.5

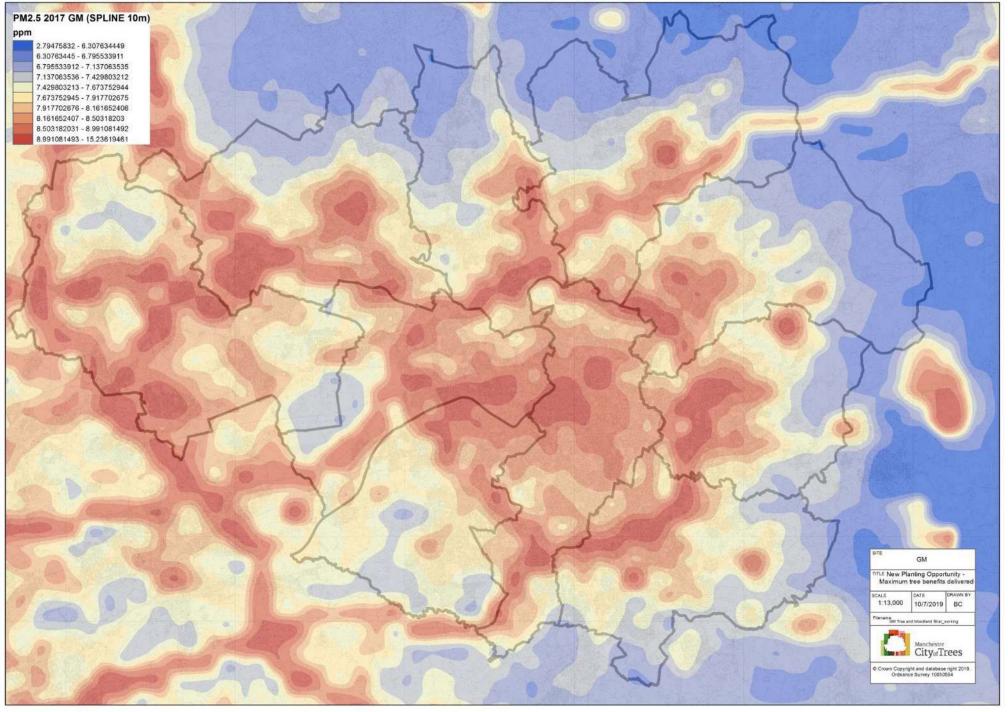


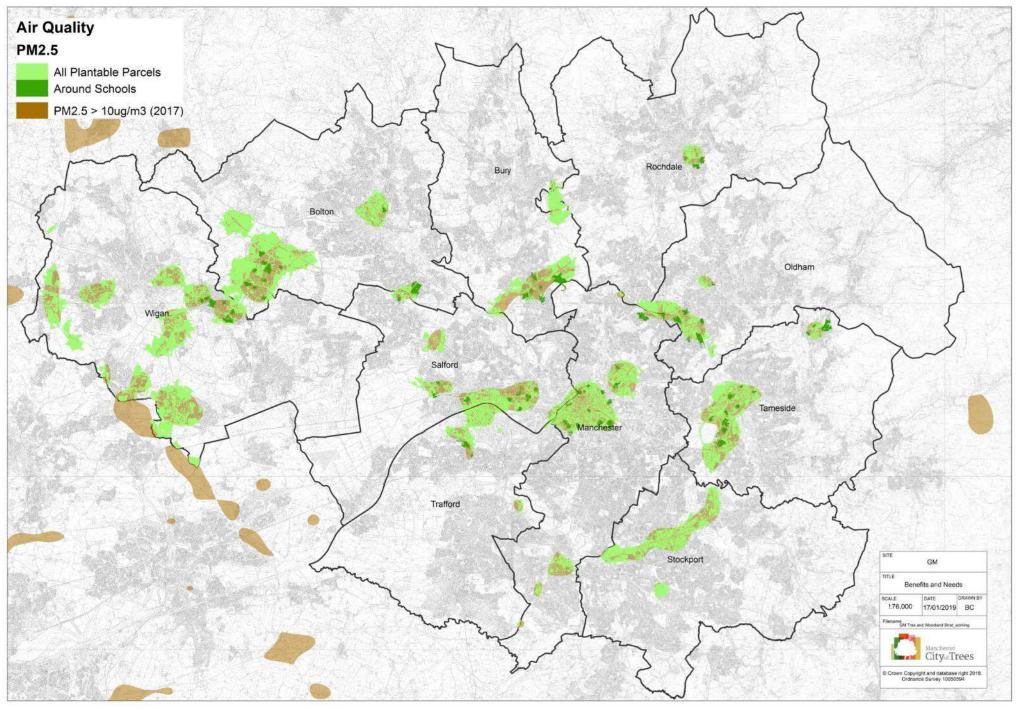


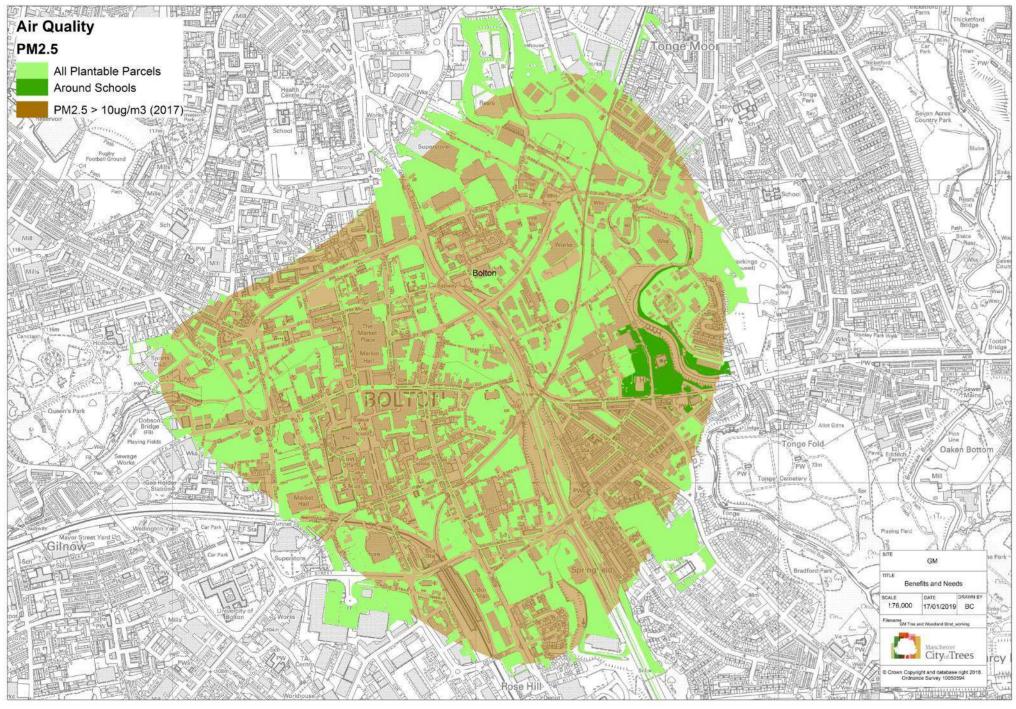


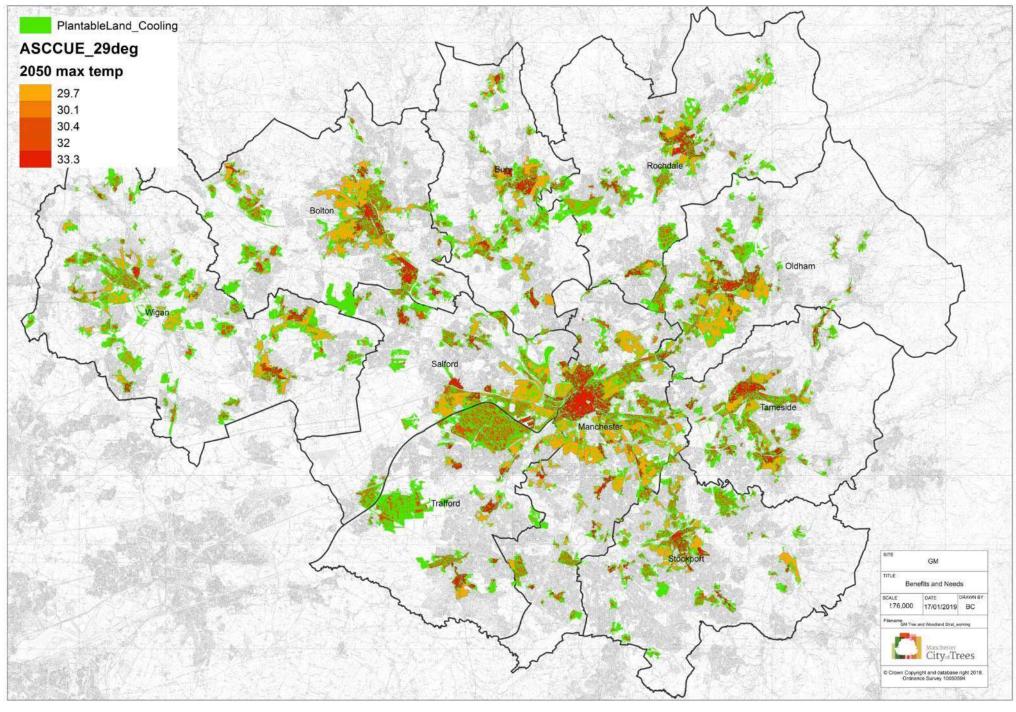
Greater Manchester's Tree and Woodland Strategy

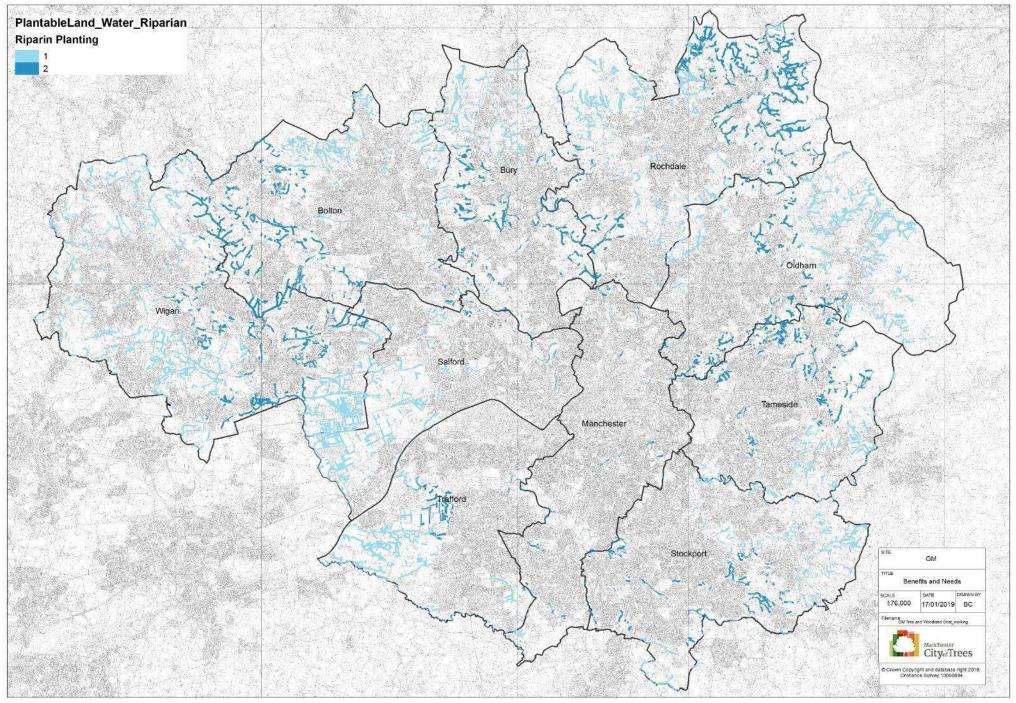


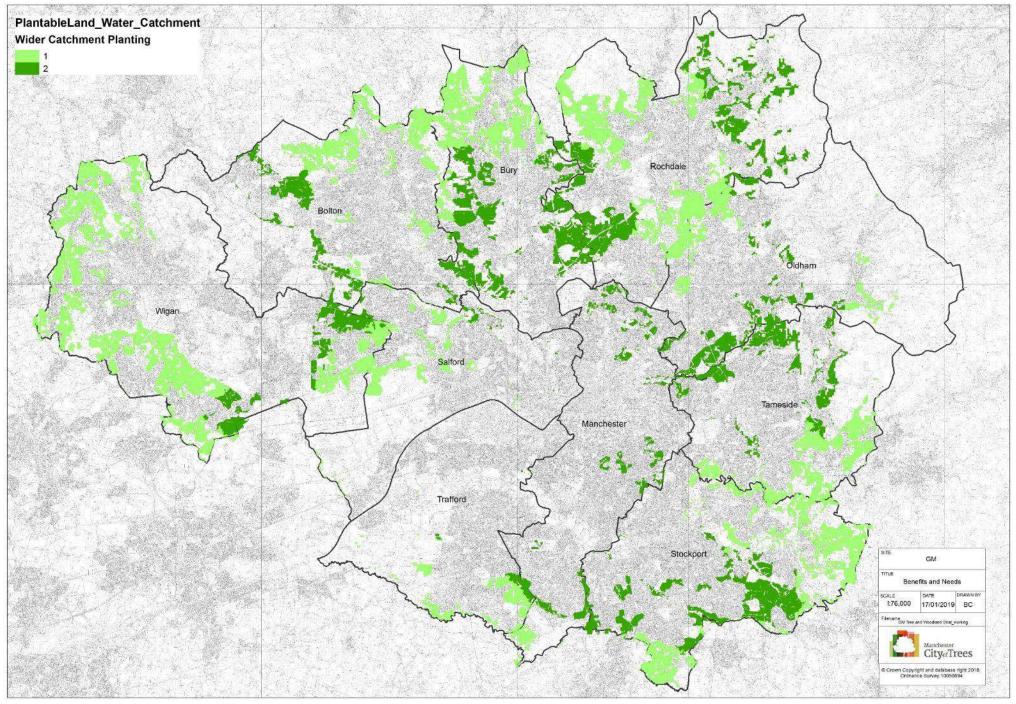






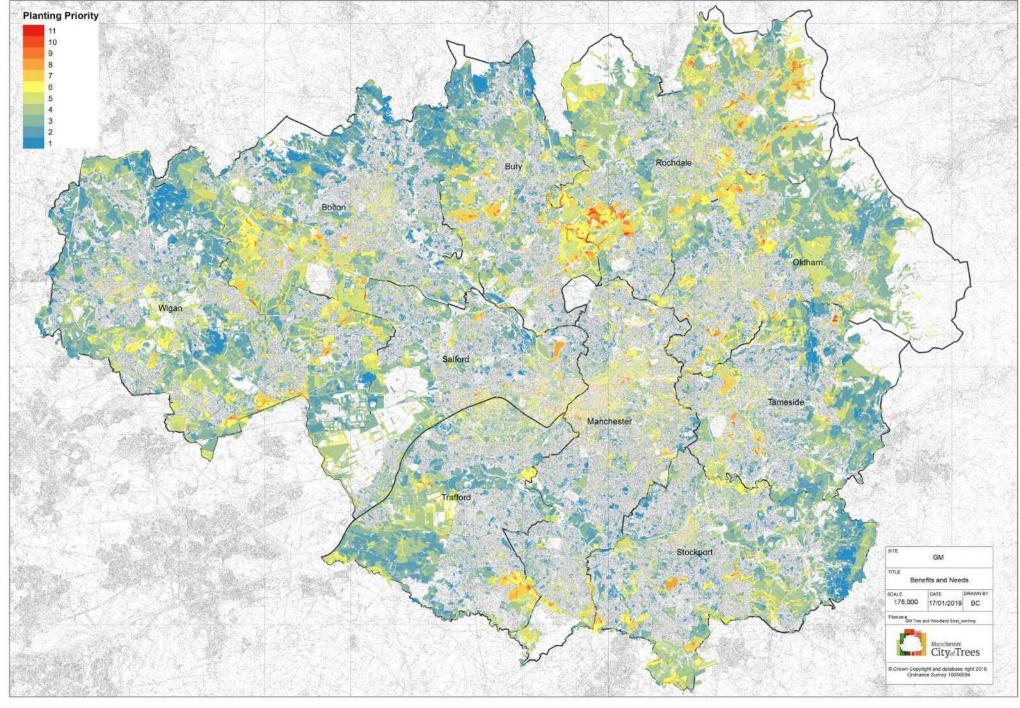








Trees





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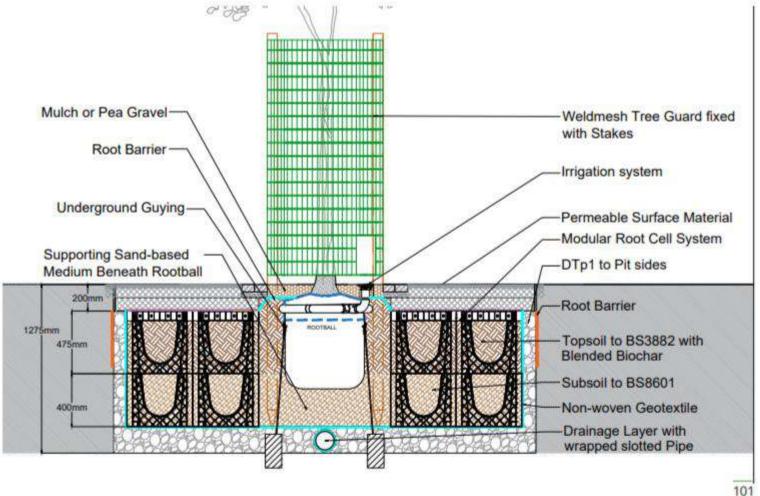
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Tree pit components

The drawing below is not meant to be used as a guide with respect to appropriate tree pit dimensions. However, the infrastructure it contains combined with a good rooting volume will help to create the conditions needed for sustainable tree growth.

TREE PIT DETAIL - HARD LANDSCAPES - AFTER PGLA LANDSCAPE ARCHITECTS





Thank you



bryan@cityoftrees.org.uk

