

COED i BAWB

TREES FOR ALL



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WOODLAND
TRUST



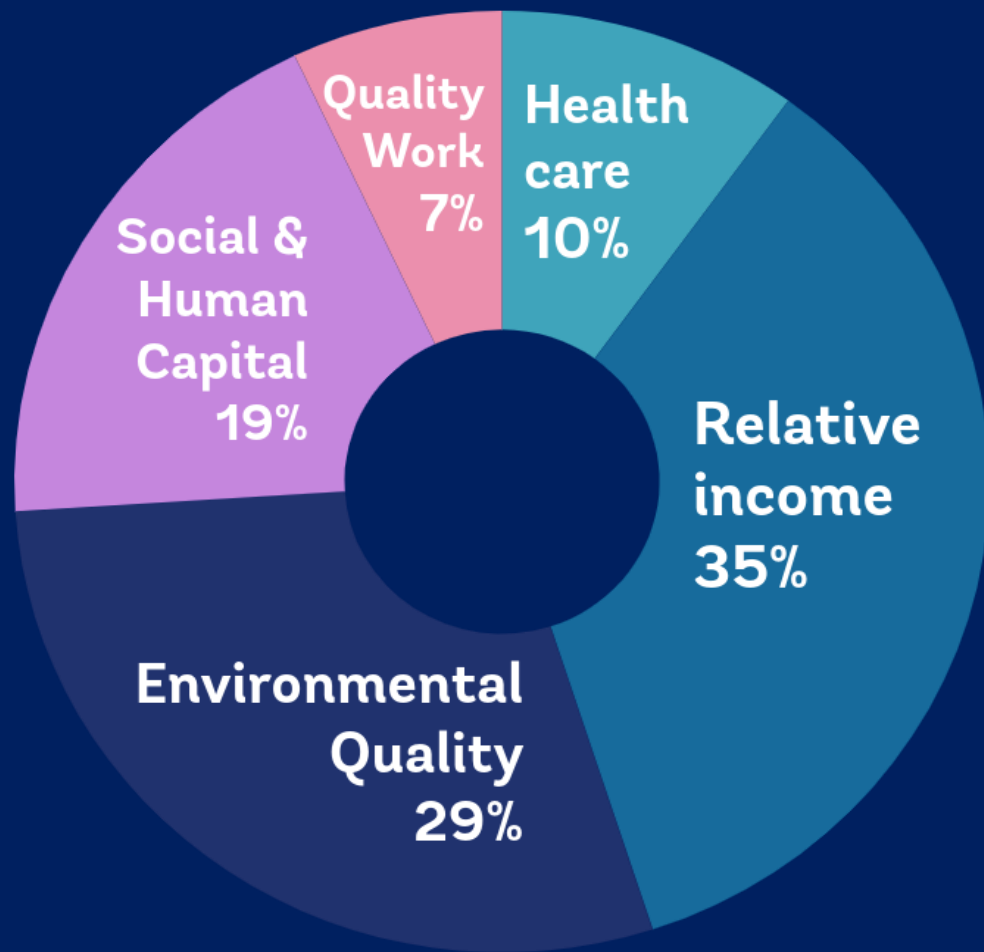


• Y CYNEFIN TREFOL

- Ansawdd aer gwael
- Cyfnodau o dywydd poeth eithafol
- Prinder mannau gwyrdd
- Risg o lifogydd dŵr wyneb

• THE URBAN HABITAT

- Poor air quality
- Extreme heatwaves
- Lack of green space
- Risk of surface water flooding

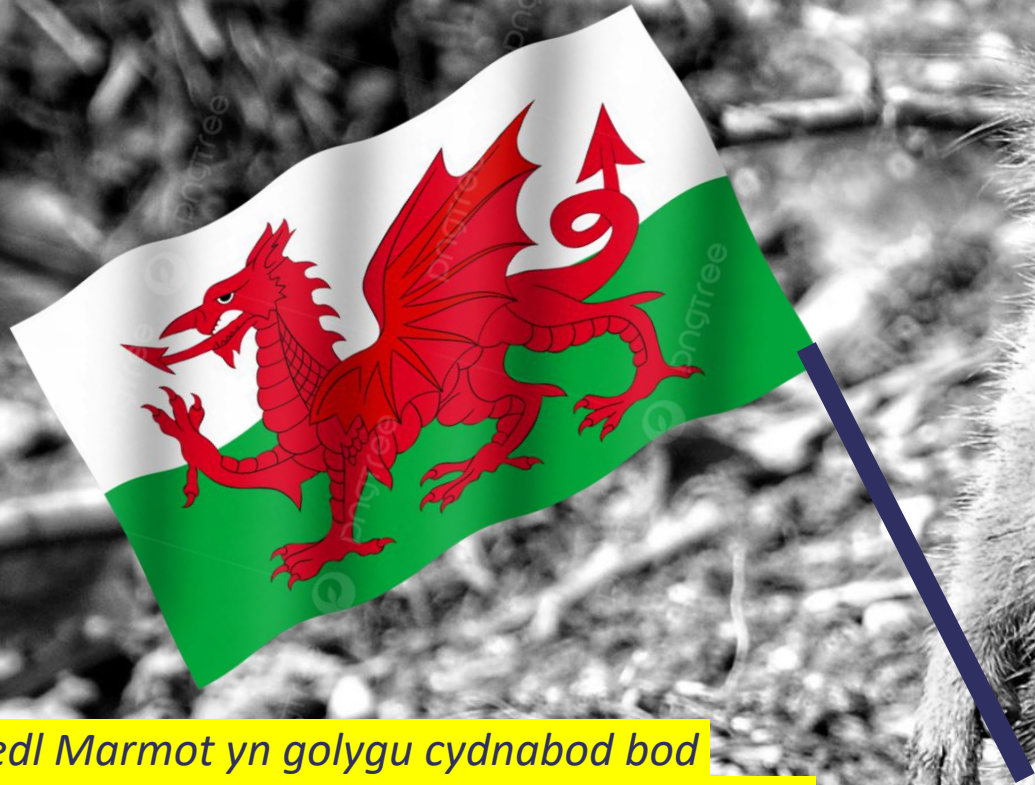


**FACTORS CONTRIBUTING
TO WELL-BEING BY RELATIVE SIGNIFICANCE**

Gross Domestic Wellbeing (GDWe) index - Carnegie UK Trust



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*‘Mae dod yn genedl Marmot yn golygu cydnabod bod anghydraddoldebau iechyd yn cael eu siapio yn bennaf gan benderfyniadau cymdeithasol iechyd sef yr **amodau** sy'n gysylltiedig â lle mae pobl yn cael eu geni, yn tyfu, yn byw, yn gweithio ac yn heneiddio.’*

Sarah Murphy, y Gweinidog Iechyd Meddwl a Llesiant

*“Becoming a Marmot nation is about acknowledging that health inequalities are mostly shaped by the social determinants of health – the **conditions** in which people are born, grow, live, work and age.”*

Minister for Mental Health and Wellbeing Sarah Murphy

MEDDYLFRYD 'NATUR YN GYNTAF'

Darparu nifer o fuddion cymdeithasol yn fwy effeithlon

Lleihau'r tueddiad i weithio mewn seilos a gweithredu mewn ffordd integredig ac ataliol

Gwneud y mwyaf o adnoddau cyfyngedig

Gwireddu potensial llawn Deddf Llesiant Cenedlaethau'r Dyfodol i wella bywydau a meithrin gwydnwch yn y tymor hir

A 'NATURE FIRST' MIND SET

Deliver multiple societal benefits more efficiently.

Reduce siloed working and foster integrated, preventative action.

Maximise the impact of limited resources.

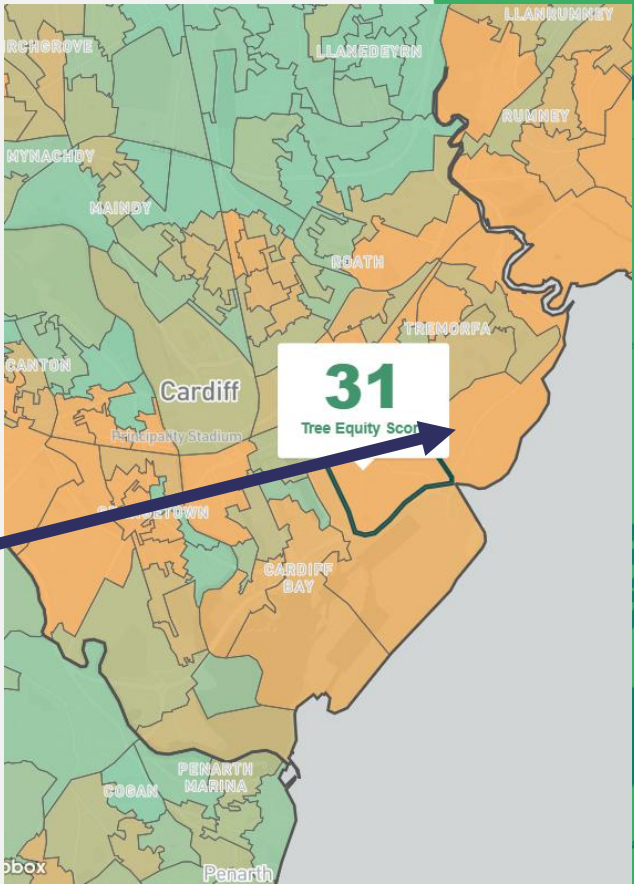
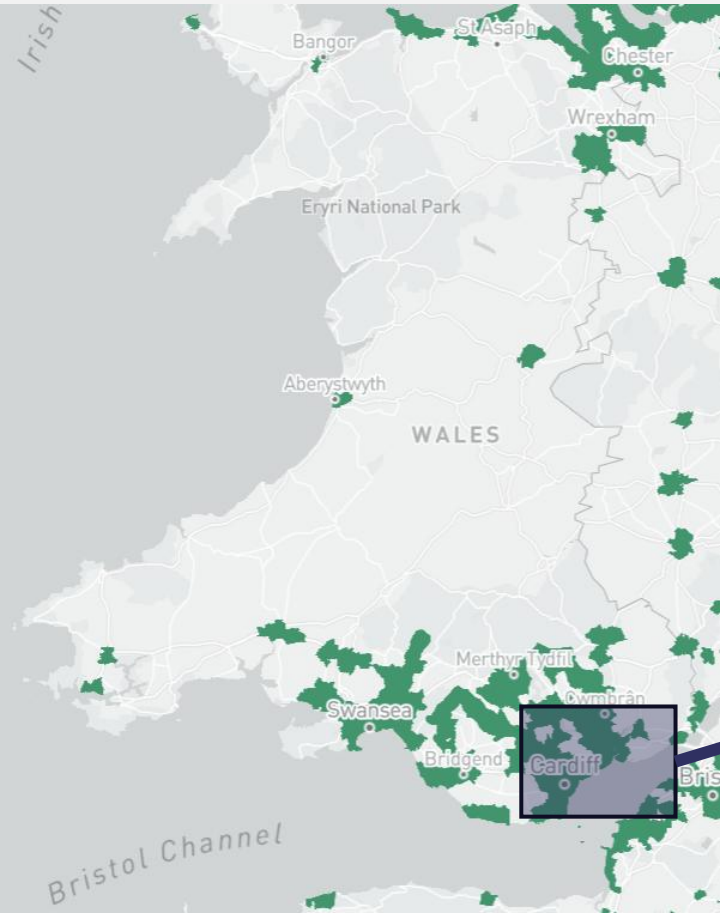
Realise the full potential of the WBFGA to improve lives, enhance environments, and build long-term resilience

SGOR MYNEDIAD TEG at GOED

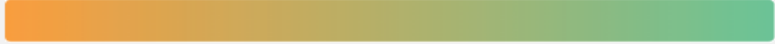
TREE EQUITY SCORE



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0



100

Sgôr isel o ran Mynediad Teg at Goed
Low Tree Equity

Sgôr uchel o ran Mynediad Teg at Goed
High Tree Equity

CYFRIFO'R SGOR

CALCULATING THE SCORE



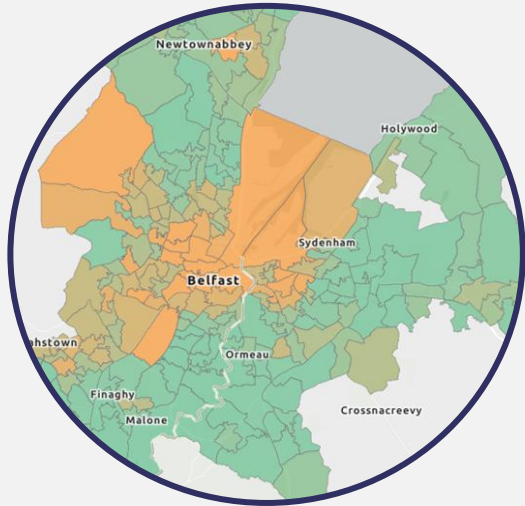
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Gorchudd Canopi - Nod

Gorchudd Canopi - Ar hyn o bryd

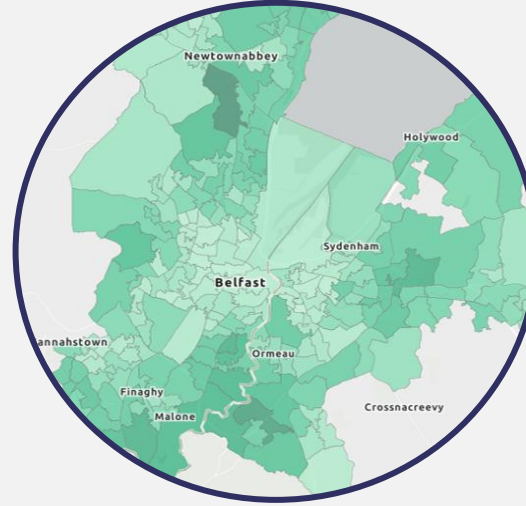
Mynegai blaenoriaethau

Canopy Cover Goal



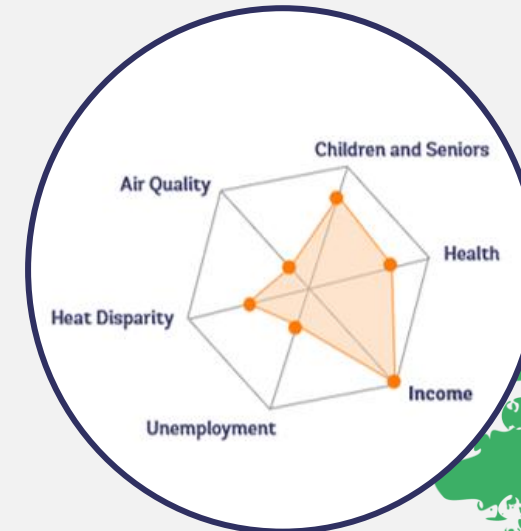
-

Existing Canopy Cover



X

Priority Index



= Sgôr Mynediad Teg at Goed /100
= Tree Equity Score/100

[Tree Equity Score UK](#)

DANGOSYDDION BLAENORIAETH

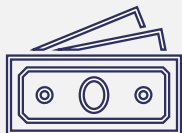
Oedran: (pobl hŷn a phlant o'u cymharu ag oedolion o oedran gweithio) yn deillio o ddata'r cyfrifiad



Iechyd o Fynegeion Amddifadedd Lluosog



Incwm o Fynegeion Amddifadedd Lluosog



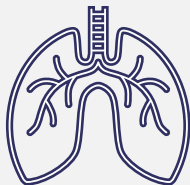
Diweithdra o Fynegeion Amddifadedd Lluosog



Gwahaniaeth Gwres o ddata gan Landsat



Ansawdd Aer o ddata gan Asiantaeth yr Amgylchedd



PRIORITY INDICATORS

Age: (older people and children vs. working-age adults), sourced from census data

Health from the Indices of Multiple Deprivation

Income from the Indices of Multiple Deprivation

Unemployment from the Indices of Multiple Deprivation

Heat Disparity from Landsat data

Air Quality (NO₂ and PM_{2.5}) from Environment Agency Data



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TREE EQUITY SCORE UK

cardiff



Tree Equity Score sets a national standard in each UK country to help make the case for investment in areas with greatest need.

1 Find your score.

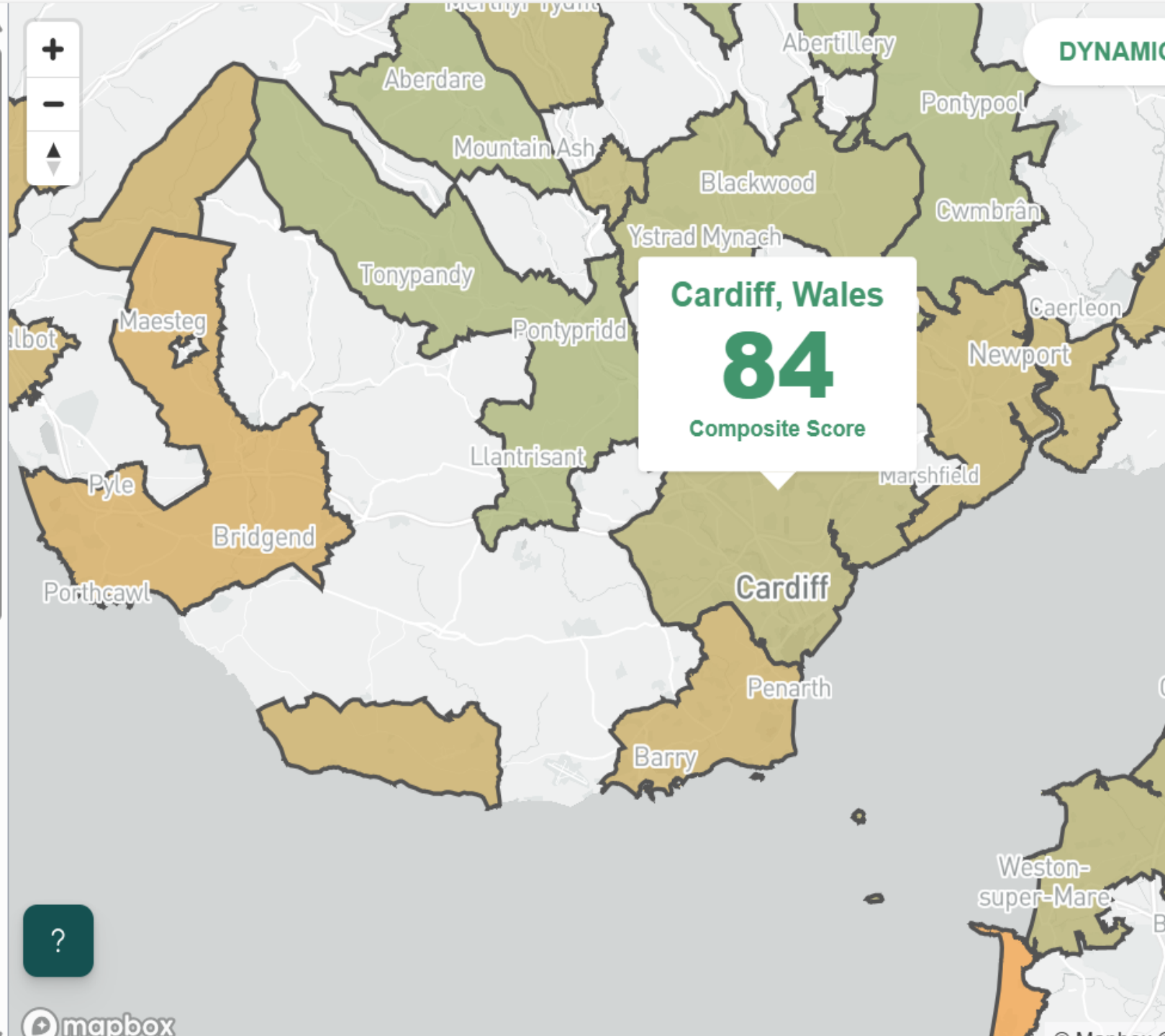
- Search your address or browse the map of over 34,000 Tree Equity Scores for England, Wales, Scotland and Northern Ireland.

2 Uncover where trees are in your community.

- Click anywhere on the map to uncover more information.
- Toggle map layers to see patterns.
- Use convenient map filters to prioritize areas with the greatest need.

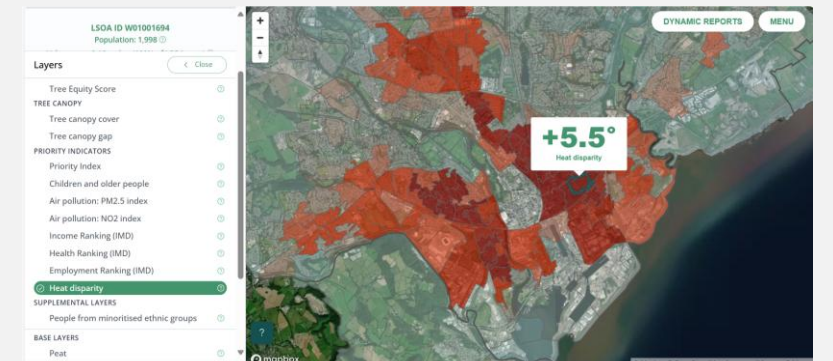
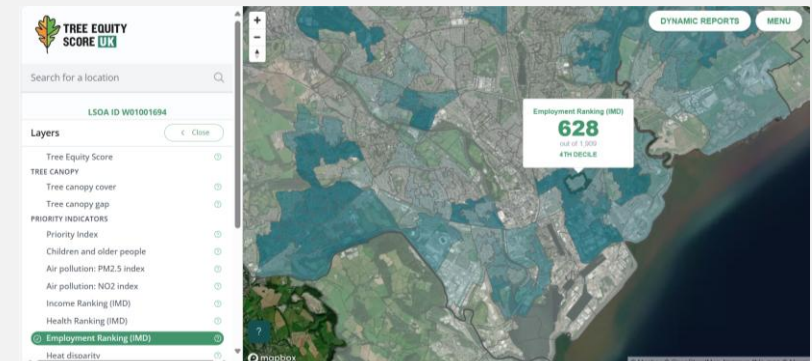
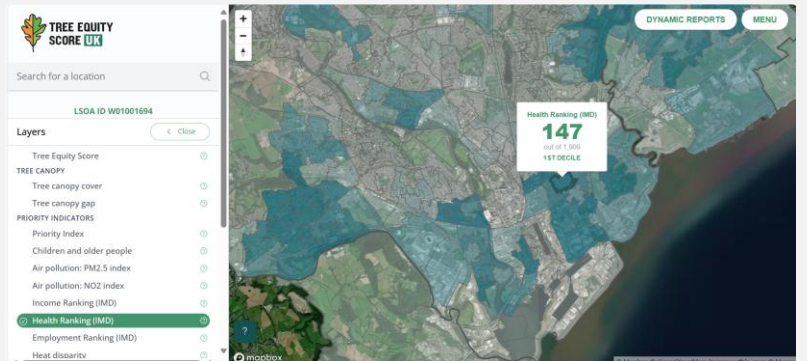
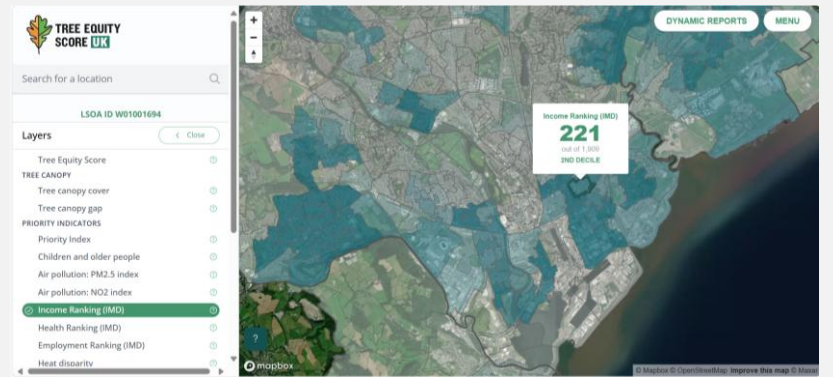
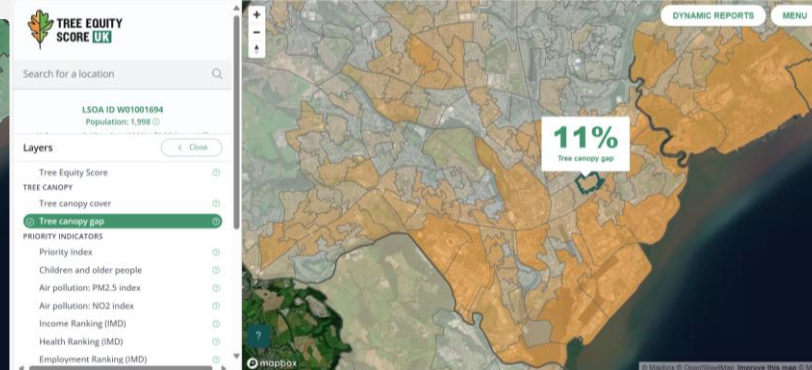
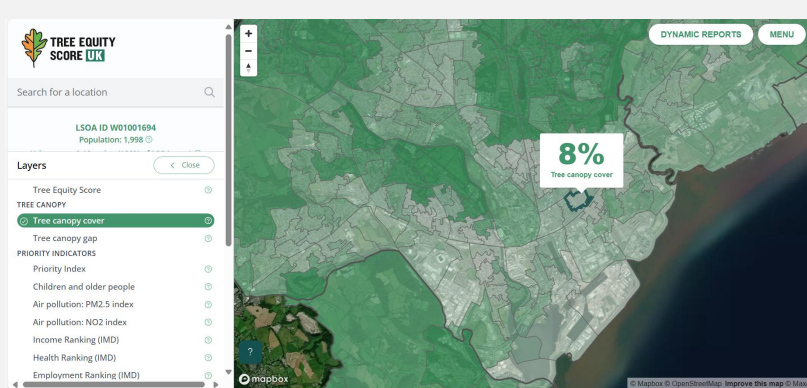
3 Locate data to support allocation of resources and inform local authority and community efforts.

- Compare neighbourhood data points.

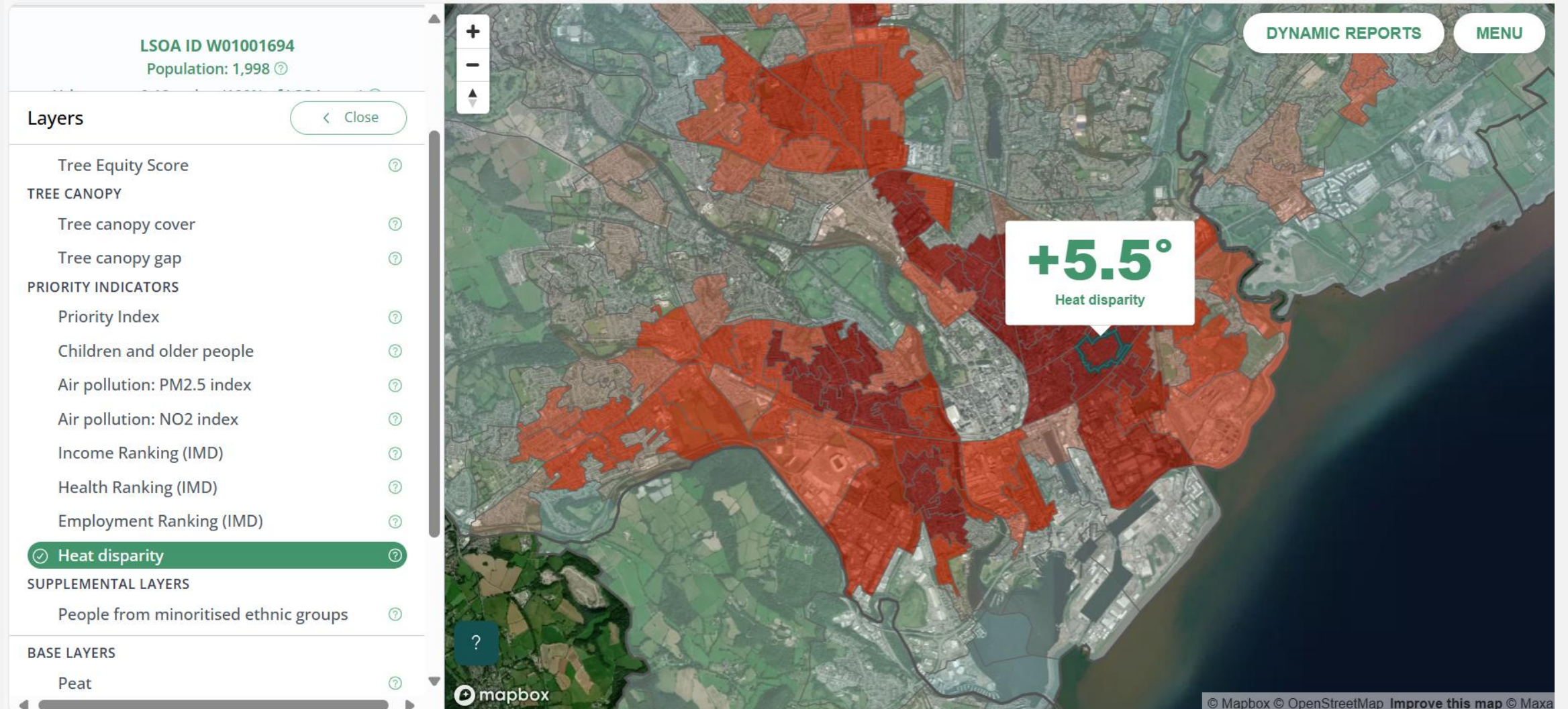




HAENAU A GWEDDAU LAYERS AND VIEWS



CYMHARU GWRES A HEAT VS TREES CHOED



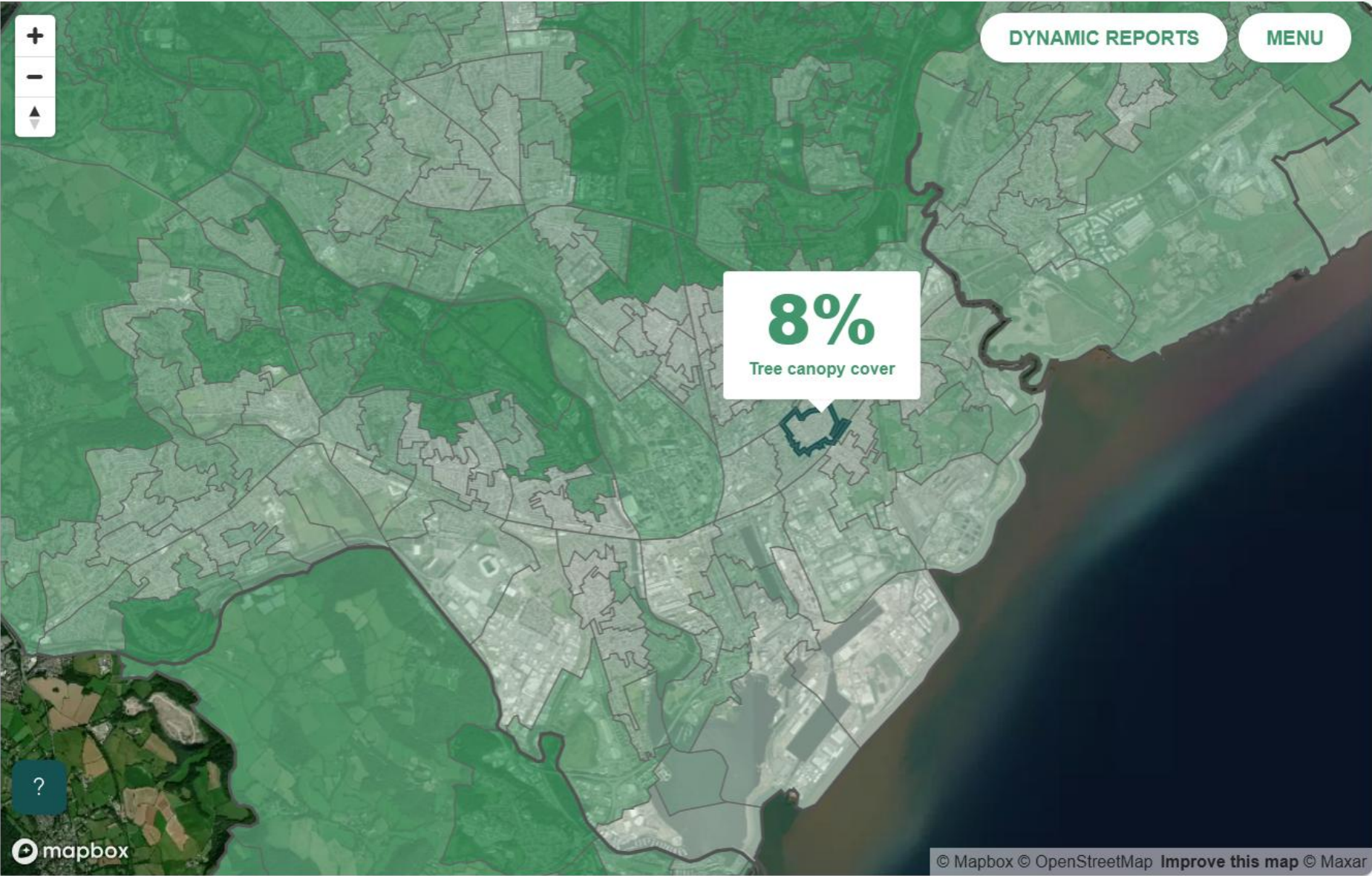


Search for a location

LSOA ID W01001694
Population: 1,998

Layers

- Tree Equity Score
- TREE CANOPY
- Tree canopy cover
- Tree canopy gap
- PRIORITY INDICATORS
- Priority Index
- Children and older people
- Air pollution: PM2.5 index
- Air pollution: NO2 index
- Income Ranking (IMD)
- Health Ranking (IMD)
- Employment Ranking (IMD)



HIDLYDDION

FILTERS

Urban area: 0.18 sq-km (100% of LSOA area) ⓘ
Cardiff, Wales

71 Ranked 185th of 215

Filters < Reset < Close

Tree Equity Score ⓘ 0 75

Tree canopy cover ⓘ 0 100

Tree canopy gap ⓘ 0 100

Priority Index ⓘ 0 1

Children and older people ⓘ 0 100

Air pollution: PM2.5 index ⓘ 0 1

Air pollution: NO2 index ⓘ 0 1

Income Deciles (IMD) ⓘ 0 10

Health Deciles (IMD) ⓘ 0 5

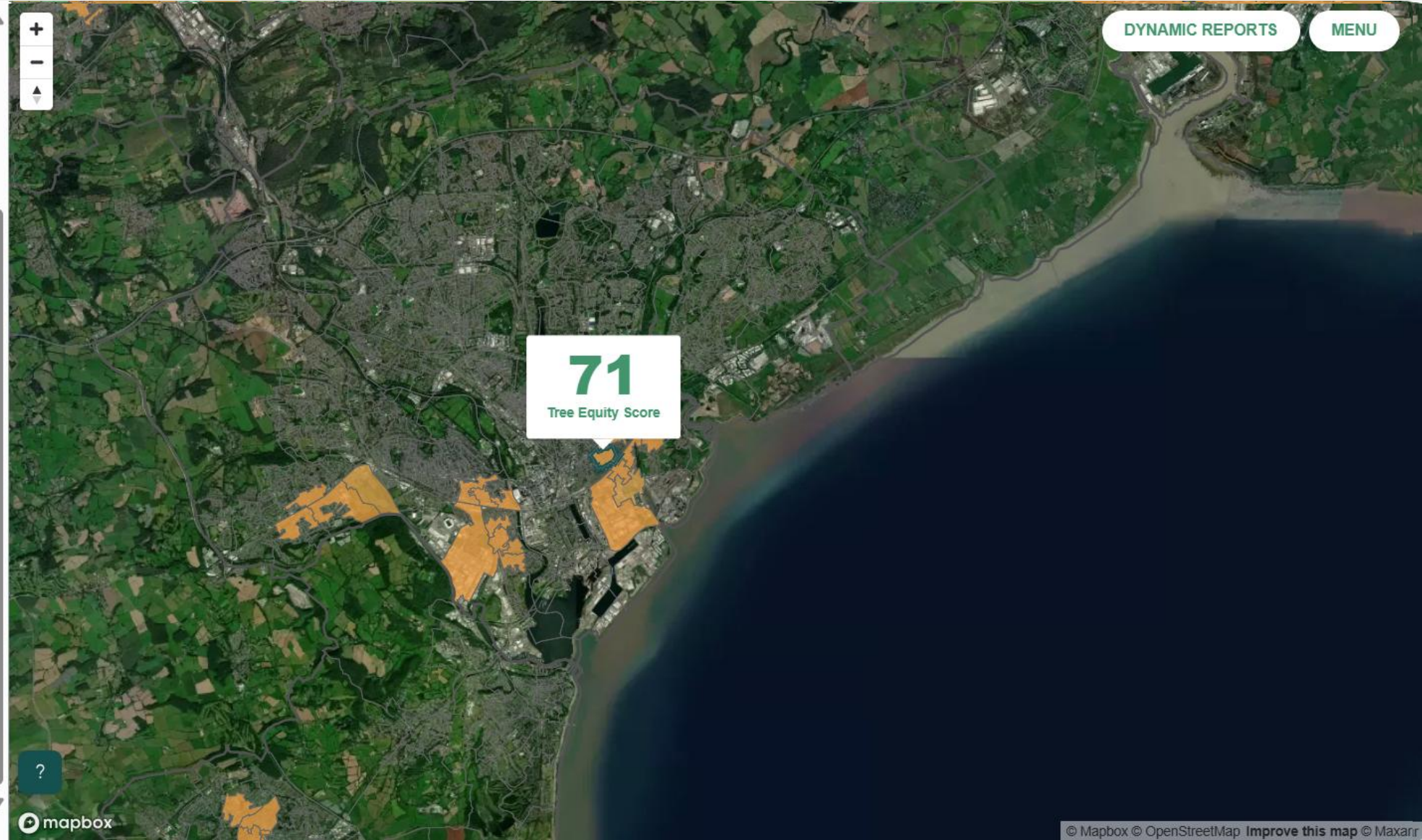
Employment Deciles (IMD) ⓘ 0 10

Heat disparity ⓘ 2 10

People from minoritised ethnic groups ⓘ 0 100

Peat ⓘ Any ▾

<70 100
Tree Equity Score



Get all LSOAs to a Tree Equity Score of 100

171 of 215 have a Tree Equity Score below 100



Drag to adjust target score

127 sq-km of canopy expansion will be needed to get all LSOAs to a score of **100** (this is equivalent to 130,467 medium trees). See the significant benefits to the community this will create. ?

Total canopy added ?

8.54%

Annual ecosystem service value ?

£5,318,116

CARBON	WATER	AIR	
Carbon sequestered 2,225.3 tonnes ?	Stormwater runoff prevented 212.2 million litres ?	Pm2.5 pollution removed 8.5 tonnes ?	Nitrogen dioxide removed 13.9 tonnes ?
Carbon sequestered equal to: 4,144 petrol-powered cars offset ?	Stormwater runoff equal to: 3,216 standard swimming pools ?	Pm2.5 pollution equal to: 35,689 petrol-powered cars offset ?	Sulfur dioxide removed 1.8 tonnes ?

MYNEDIAD TEG AT GOED AR WAITH

TREE EQUITY IN ACTION



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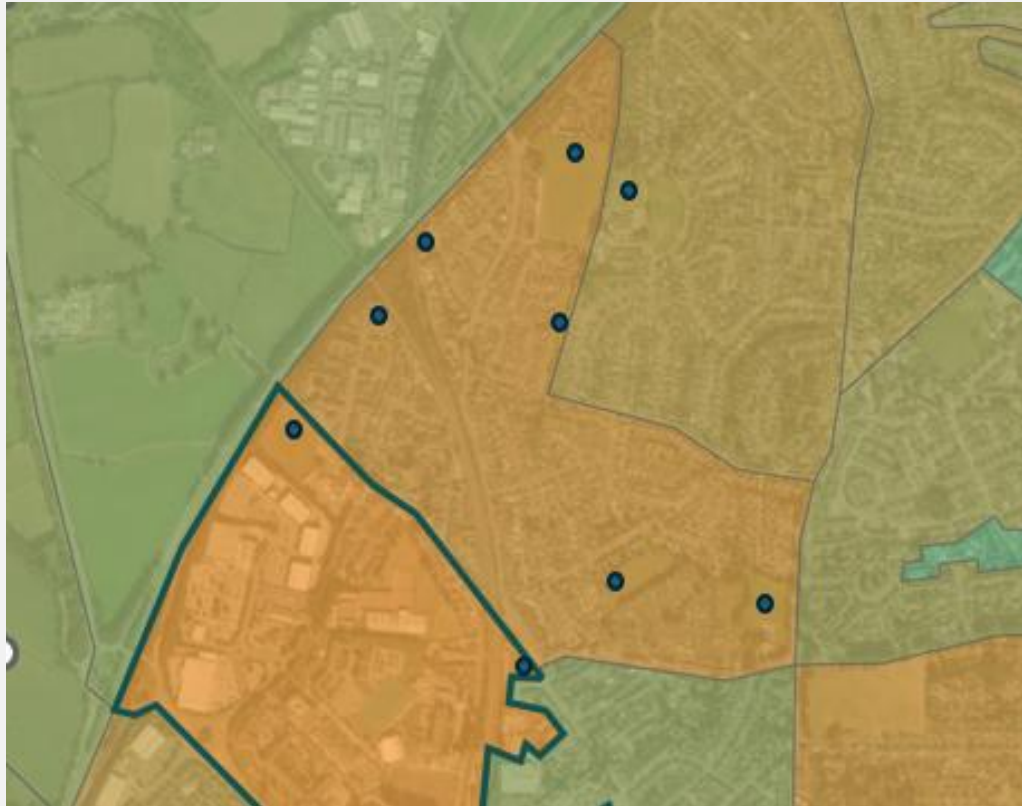


MAP O WARD STANSTY

STANSTY WARD MAP



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2 dymor plannu

- Gwrychoedd a choed arferol ar dir 3 ysgol
- Coed arferol mewn 5 man agored

CYFANSWM:

- 200m o wrychoedd
- 15 o goed ffrwythau
- 60 o goed arferol

2 planting seasons

- Hedges and standards in 3 school grounds
- Standards in 5 open spaces

TOTAL:

- 200m hedge
- 15 fruit trees
- 60 standard trees

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DIOLCH AM
WRANDO

Heb glywed digon?
Gallaf ddweud mwy wrthyhych

THANK YOU
FOR LISTENING

Not heard enough?
I can tell you more

jacintachallinor@woodlandtrust.org.uk