

Exploring the needs, provision & value of green infrastructure for older people with the GHIA Online Map Tools

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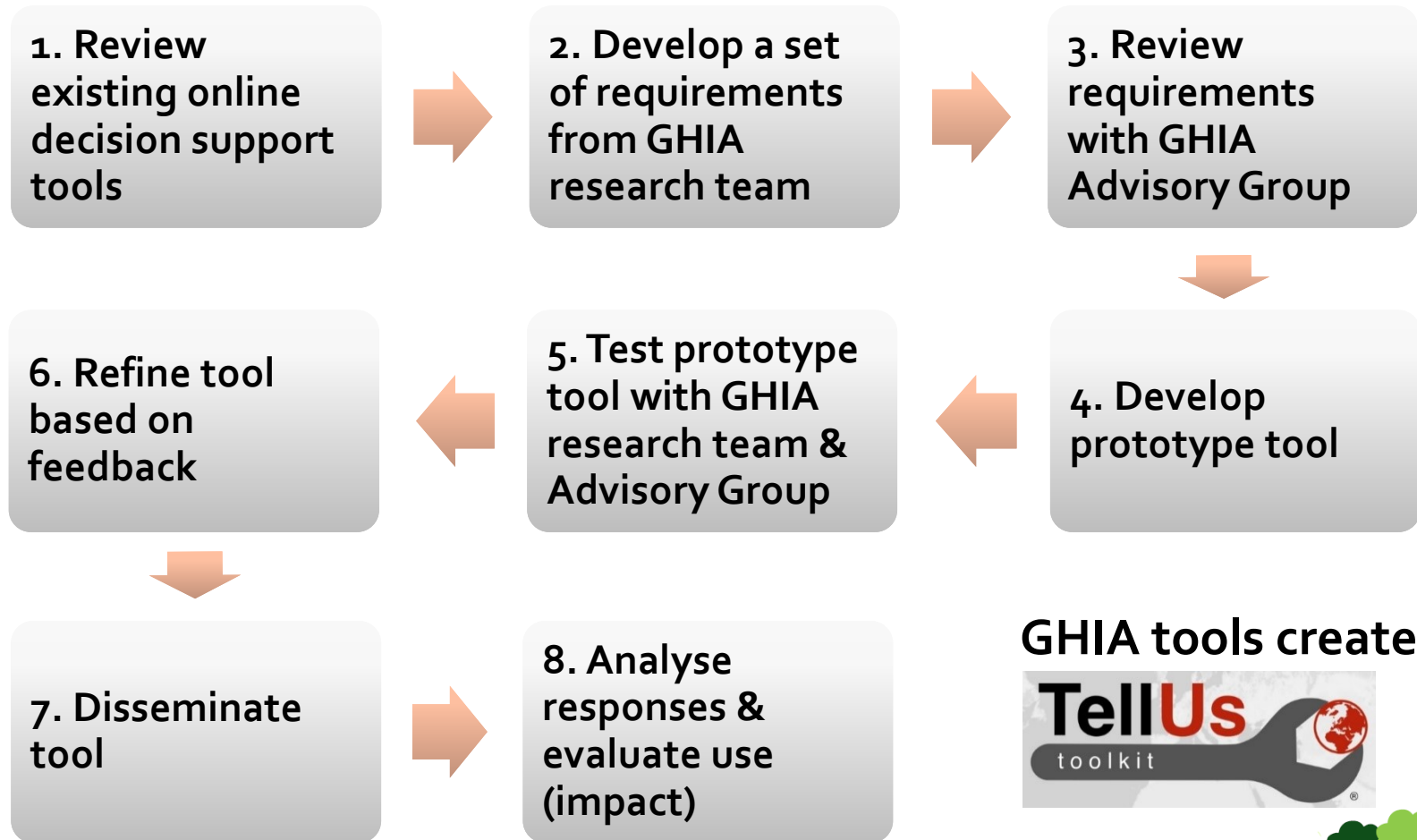


Aim

- The main aim of the web tools was to provide access to project results, through:
 - Representation, mapping and analysis of project data
 - Translating findings into a set of requirements for a web-mapping system
 - Collating the co-researched and produced outputs, and hosting them via an online tool



GHIA tools – development process



GHIA tools created by:



Three online tools to explore research outputs interactively



Welcome to the GHIA map tools

The Green infrastructure and the Health and wellbeing Influences on an Ageing population (GHIA) project aims to understand the benefits and values of urban green and blue spaces for older people. By green and blue spaces we mean things like parks, gardens, canals and rivers, woodlands, street trees and any other areas of water or vegetation.

Our tools allow you to:

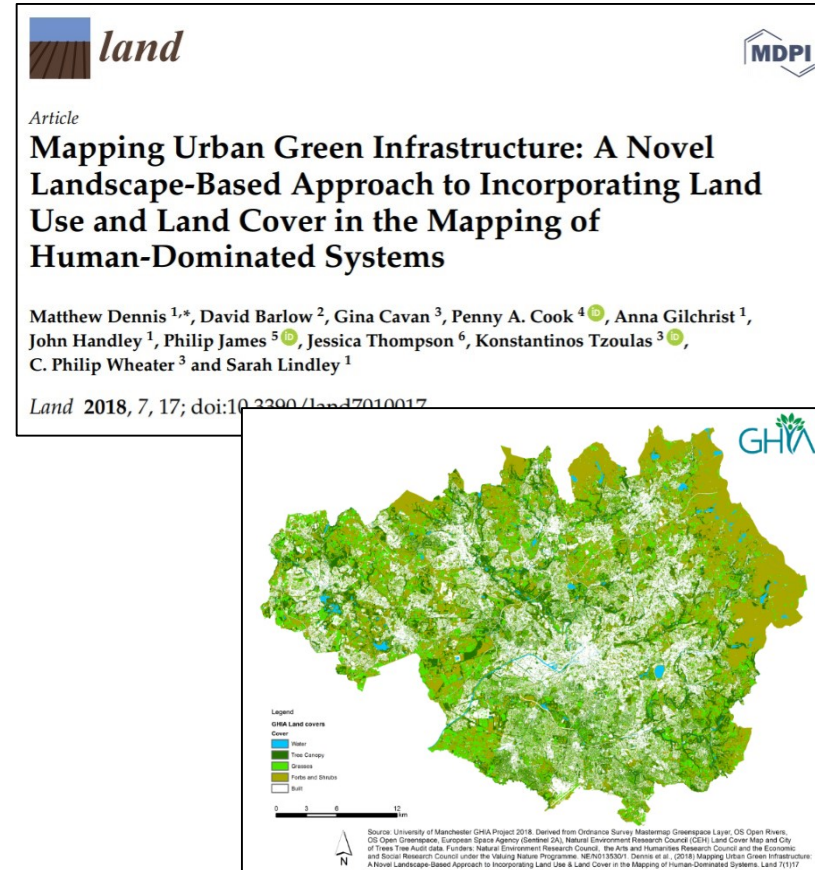
- Find out information about the amount of green and blue space in different areas of Greater Manchester.
THE EXTRACT TOOL »
- Contribute views about how green and blue spaces in Greater Manchester influence your health and wellbeing and see what others say.
THE VALUE TOOL »
- Explore health and green space associations in Greater Manchester.
(due shortly).
THE EXPLORE TOOL »

LEARN MORE ABOUT GHIA »




GHIA Extract tool

- Function: Users can find information about the amount of green and blue space in their area and compare to other areas across Greater Manchester
- Audience: Practitioners, decision-makers, community groups

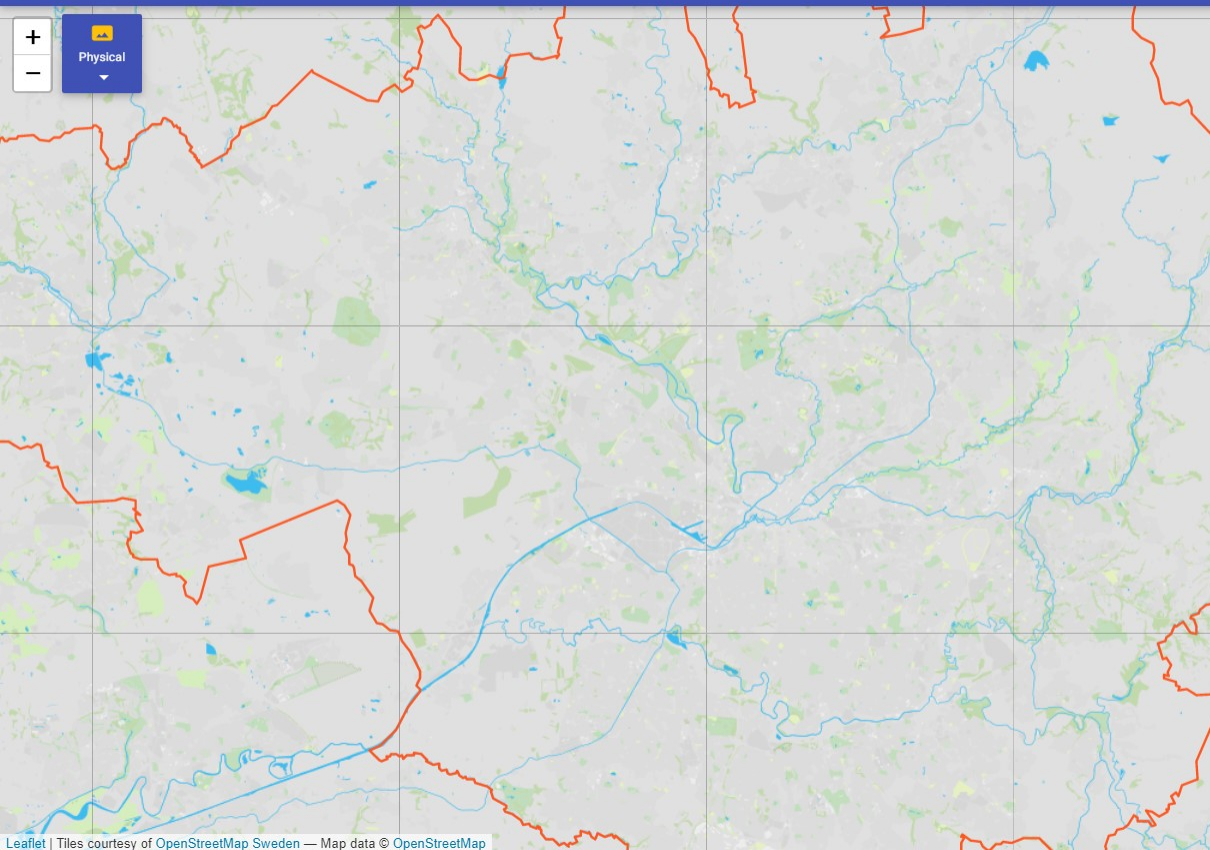


GHIA Extract tool

Function: Find out information about the amount of green and blue space in different areas in Greater Manchester

 Return to Welcome Page

Physical



Leaflet | Tiles courtesy of OpenStreetMap Sweden — Map data © OpenStreetMap

▼ Collapse section

Complete the following three steps to generate a report on green and blue land cover in your area.

Step 1: Choose how you would like to select your study area

POINT

POLYGON

LSOA

WARD

Step 2: Zoom into the map to find your area of interest.

Click on the map to select a point location. Information will be generated with details about the land cover inside a square of 1km size centred on your point.

Step 3: Select how to view the results. Your results will be displayed in comparison to the average land cover for Greater Manchester.

DIAGRAM

DATA TABLE

Compare to: Greater Manchester

GHIA Extract tool

Worked example:

A local community group based in Bradley Fold, Bury, want to apply for funding to improve green space in their area.

They use the tool to obtain data on green cover in their area and how it compares to the Bury and Greater Manchester averages.




GHIA Extract tool

Example study area: Bradley Fold, Bury

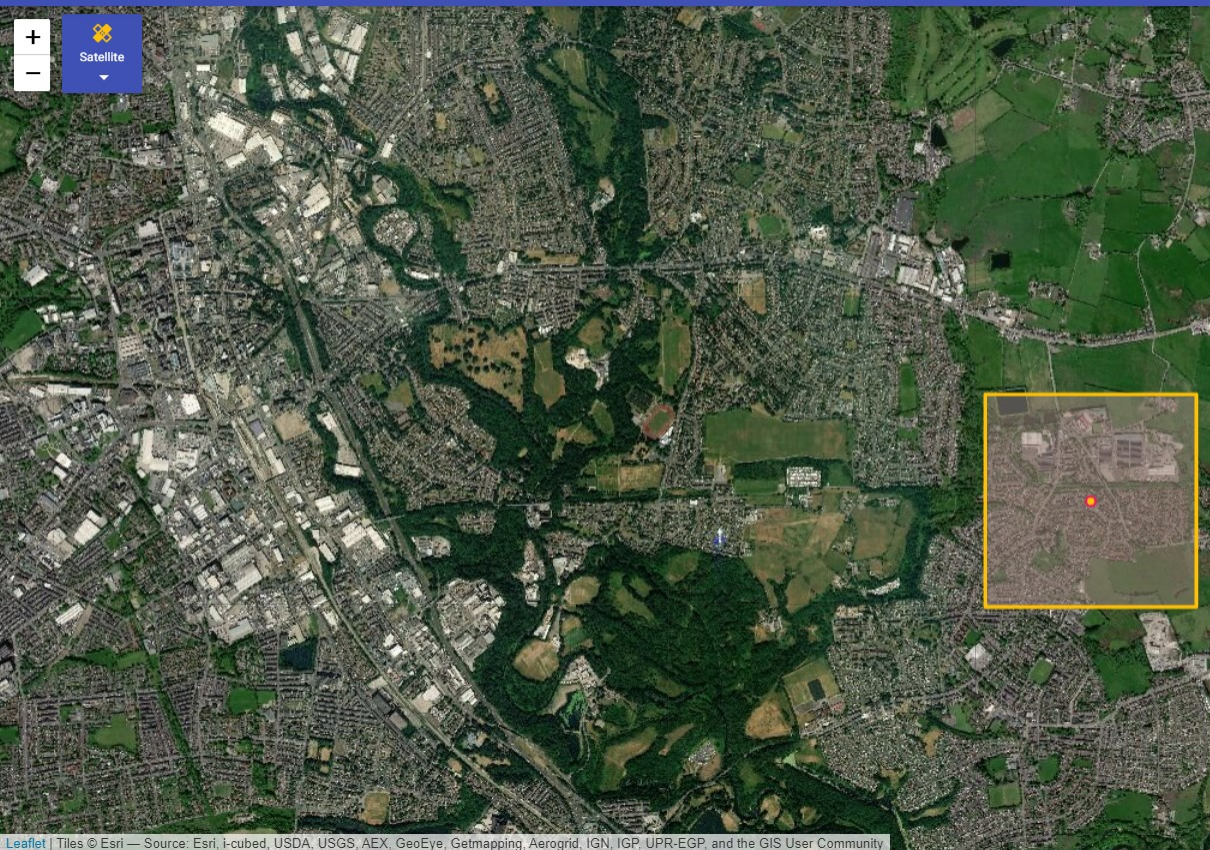
[illegible]


GHIA Extract tool

Example study area: Bradley Fold, Bury

 Return to Welcome Page

Satellite





▼ Collapse section

Complete the following three steps to generate a report on green and blue land cover in your area.

Step 1: Choose how you would like to select your study area

POINT

POLYGON

LSOA

WARD

Step 2: Zoom into the map to find your area of interest.

Click on the map to select a point location. Information will be generated with details about the land cover inside a square of 1km size centred on your point.

Step 3: Select how to view the results. Your results will be displayed in comparison to the average land cover for Greater Manchester.

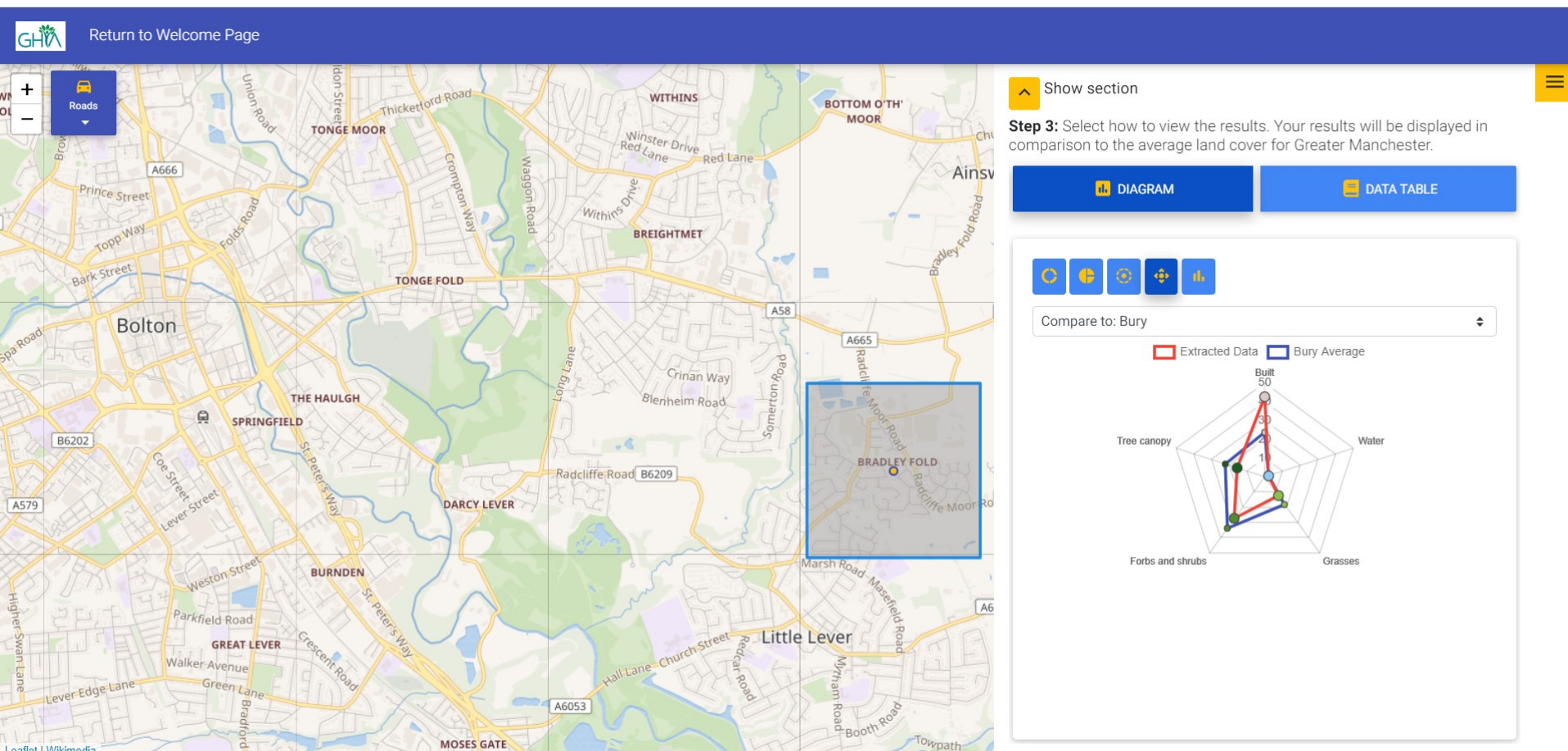
DIAGRAM

DATA TABLE

Leaflet | Tiles © Esri — Source: Esri, I-cubed, USDA, USGS, AEX, GeoEye, Getmapping, Aerogrid, IGN, IGP, UPR-EGP, and the GIS User Community

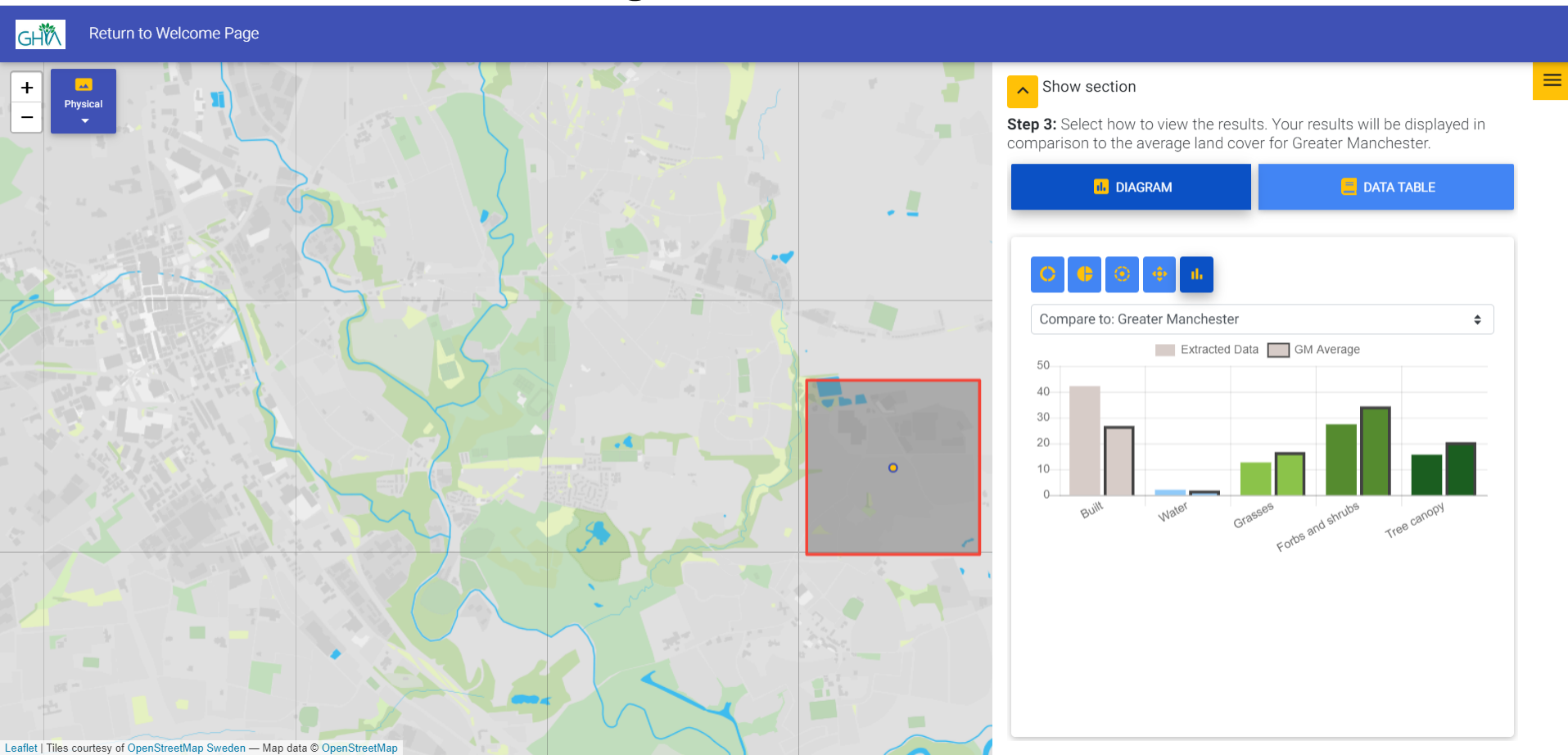
GHIA Extract tool

Results – A radar diagram comparing the case study area with the Bury average



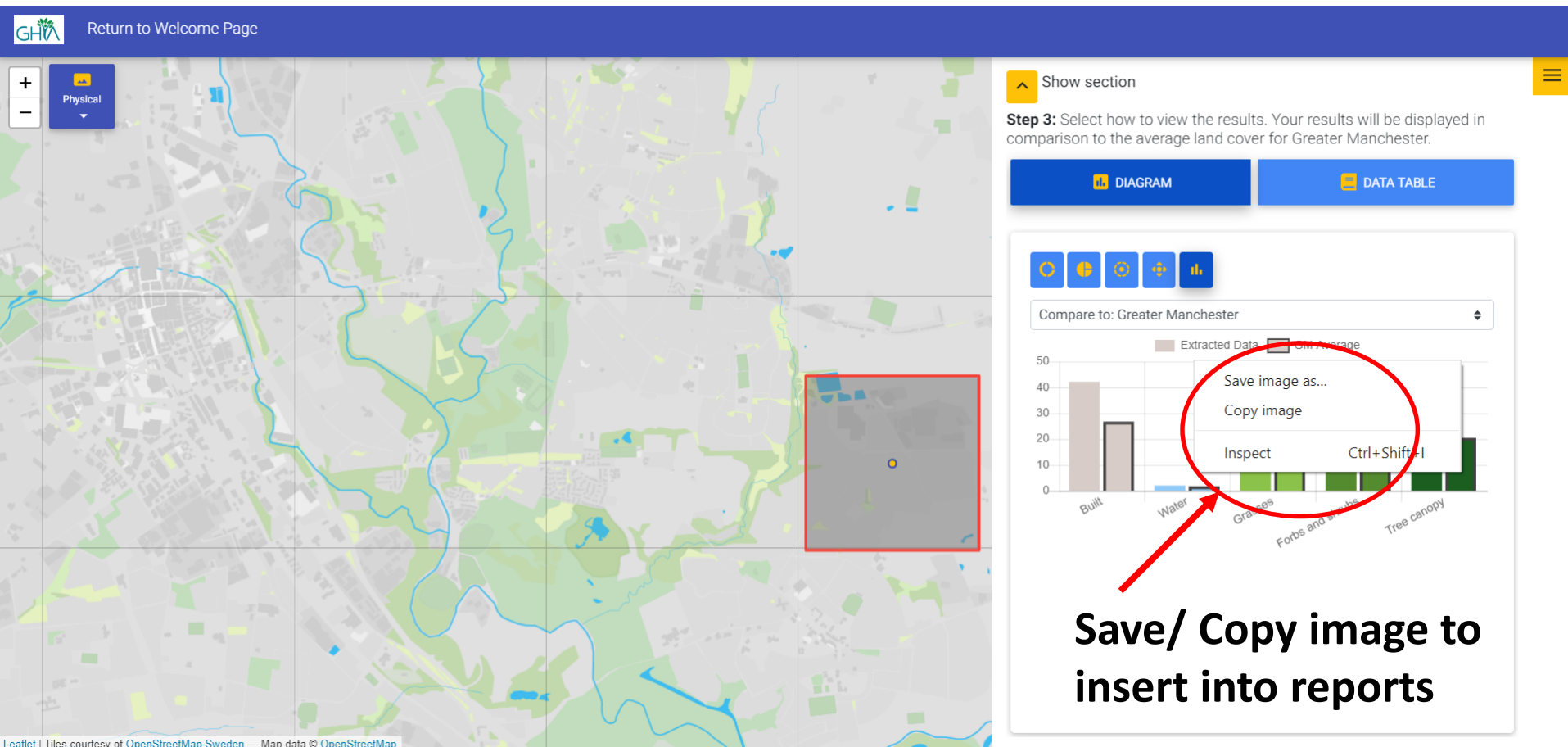
GHIA Extract tool

Results – A bar chart comparing the case study area with the Greater Manchester average



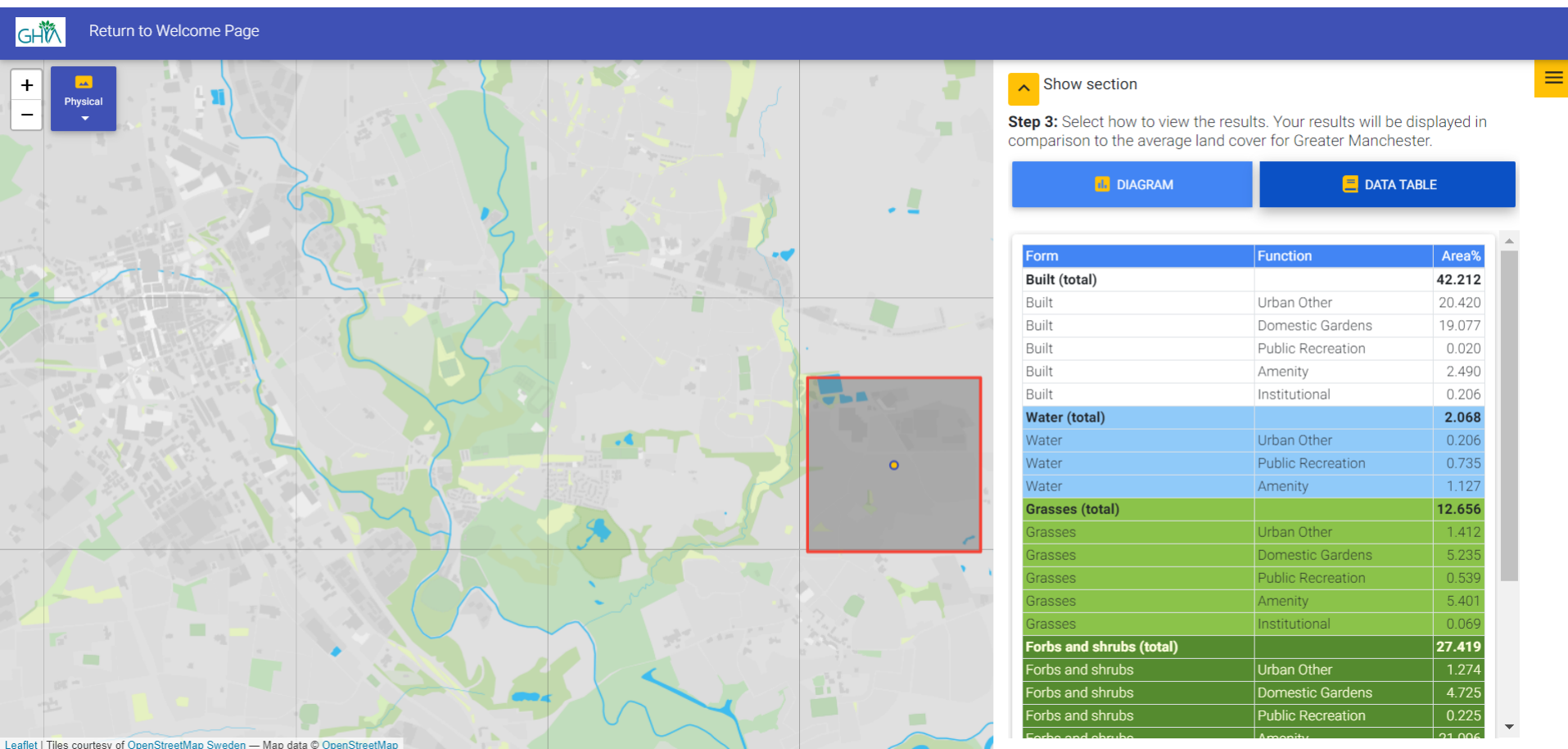
GHIA Extract tool

Results – A bar chart comparing the case study area with the Greater Manchester average




GHIA Extract tool

Results – Data table comparing the case study area with the Greater Manchester average

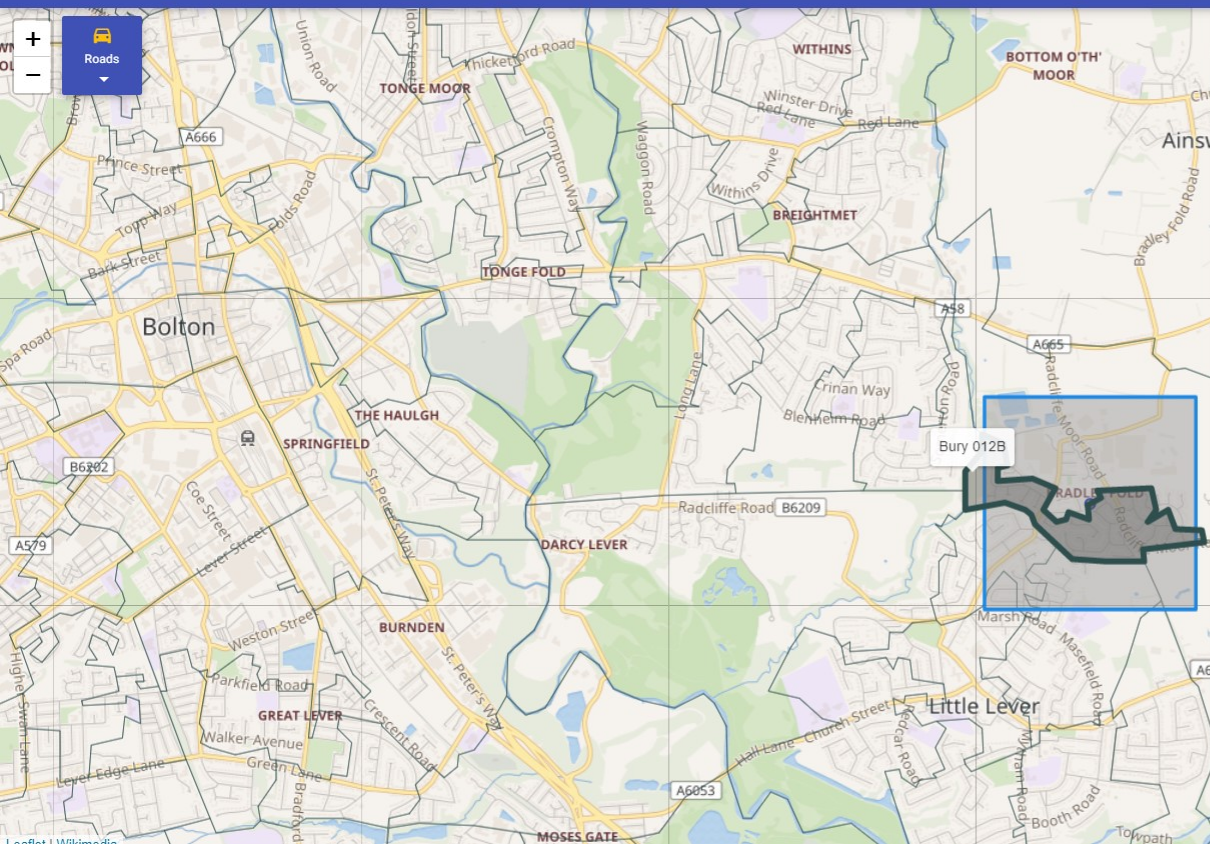


GHIA Extract tool

Step 1 – Return to view LSOA

 [Return to Welcome Page](#)

Roads



Collapse section

Complete the following three steps to generate a report on green and blue land cover in your area.

Step 1: Choose how you would like to select your study area

POINT

POLYGON

LSOA

WARD

Step 2: Zoom into the map to find your area of interest.

Click on the map to select a lower-level census zone. Information will be generated about the land cover inside the administrative zone.

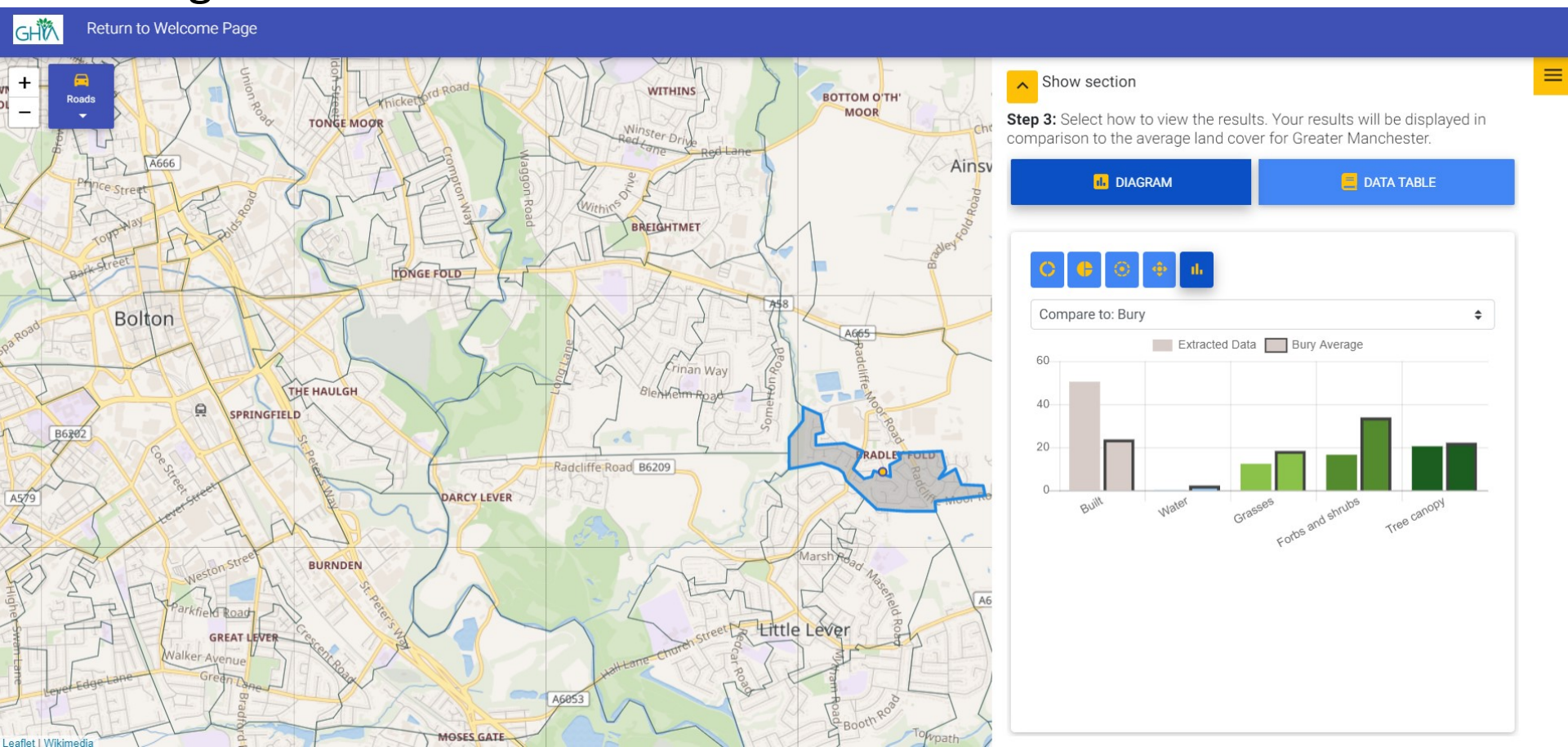
Step 3: Select how to view the results. Your results will be displayed in comparison to the average land cover for Greater Manchester.

DIAGRAM

DATA TABLE

GHIA Extract tool

Results: A bar chart comparing the case study area with the Bury average



Audience Feedback

During the workshop, we asked the audience some questions to get feedback on the Extract tool.

The results are shown in the following pages.



GHIA Extract tool

In three words, describe your initial impressions of the Extract tool

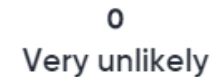
 Mentimeter



GHIA Extract tool

 Mentimeter

How likely would you/your organisation be to use the Extract tool?



 19



GHIA Extract tool

 Mentimeter

What might you or your organisation use the Extract tool for?

To support a funding bid

Research / writing projects

Evidence for campaigning

To influence policy

Priorities for investment in green space and street trees

Influencing local council

To find similar comparison areas for evaluation projects

analyse green spaces provision and quality on UoM campus

Information to support applications for funding

To support funding bids

Project funding

Identifying need

Unsure, I haven't yet discovered what's on offer!

Starting point for deciding commissioning of projects, need and or potential to enhance or improve the areas GI. Correlation to key health conditions

Applying for external funding and knowing where to plan activities and events for older people

To determine and examine the green infrastructure within a certain area and to help fight a planning application

Teaching

Identifying opportunities

GHIA Value tool

A non-monetary valuation tool based on a Q-sort methodology

- ▶ 40 statements used to represent 10 different wellbeing dimensions
 - ▶ Sorted into degrees of agreement/disagreement
 - ▶ Analysed to identify distinctive statements and groups
 - ▶ Used to establish a sub-set of 15 statements for the tool
-
- ▶ **Function:** Users can submit and explore their views on how urban green spaces affect their health and wellbeing, and compare their views with those of other people
 - ▶ **Audience:** General public, practitioners, community groups



GHIA Value tool

Worked example:


A resident completes the survey to tell us what they personally value about green infrastructure for their health and wellbeing.


They can see their views mapped and compare their views with others with different age groups and across Greater Manchester.



GHIA Value tool




Function: *Contribute views about how green and blue spaces in Greater Manchester influence your health and wellbeing and see what others say*

The Value ToolRestart the tool



Step 1 of 3

Read the following statements carefully and split them up into three piles:

- a pile for statements you tend to disagree with, 
- a pile for cards you tend to agree with,  and
- a pile for the neutral ones 

Disagree (#1)

Agree (#3)

You can either drag the cards into one of the three piles or press 1, 2, 3 on your keyboard. Changes can be made later.

If you want to read this instruction a second time, press the help button at the bottom right corner.

Cancel

Continue...

Back

0%

Help me!

GHIA Value tool

Function: *Contribute views about how green and blue spaces in Greater Manchester influence your health and wellbeing and see what others say*



The Value Tool Restart the tool



(4) Green spaces are important to me as places to meet and talk to other people.

4/15

Disagree (#1)

(7) Uneven ground in green spaces and by trees in streets make it difficult for me to get around.

Neutral (#2)

(9) Trees have a history and connect me to my past and to the people who will come after me.

Agree (#3)

(11) Regular exercise or walks in green spaces make me healthier.



Back

9%

Help me!

GHIA Value tool

Function: *Contribute views about how green and blue spaces in Greater Manchester influence your health and wellbeing and see what others say*


The Value Tool Restart the tool


Disagree		Agree		
-2	-1	0	+1	+2
(14) I prefer the bustle of the city: being in nature can make me feel lonely.	(6) Volunteering in community activities with nature provides me with an opportunity to meet new people.	(8) I sometimes worry about crime in green spaces, and this can put me off using them.	(3) Working in green spaces gives me a sense of achievement.	(11) Regular exercise or walks in green spaces make me healthier.
(7) Uneven ground in green spaces and by trees in streets make it difficult for me to walk.	(2) Being outdoors can be just cold, wet and uncomfortable.	(9) Trees have a history and connect me to my past and to the people who will come after me.	(15) Green spaces are places to learn and share knowledge and skills.	(13) Green spaces offer rare moments of tranquility and help me relax.
	(4) Green spaces are important to me as places to meet and talk to other people.	(12) I often need to feel the fresh air or feel the weather on my face and hair.	(5) Simple connections with nature can give me a buzz, like a robin at the door or a cat on the lawn.	
		(1) I need to get out of my home and be active in the natural world.		
		(10) Green places evoke memories of people, events and experiences that have shaped my life.		


Disagree


Neutral

Agree

GHIA Value tool

Function: *Contribute views about how green and blue spaces in Greater Manchester influence your health and wellbeing and see what others say*

The Value Tool Restart the tool



Step 3 of 3

Finally, please answer the following anonymous questions about you.

Cancel

Continue...

About

What age group are you in?

What is your gender?

☐ female

☐ male

☐ prefer not to say

What is your postcode?

Without a valid Greater Manchester postcode we cannot map your answers.

Which Greater Manchester District do you live in?

Continue...

GHIA Value tool

Exploring mapped responses



Value Tool Map

Built by **TellUs**

The GHIA Value tool collects information about how people in Greater Manchester value green and blue space for health and wellbeing.

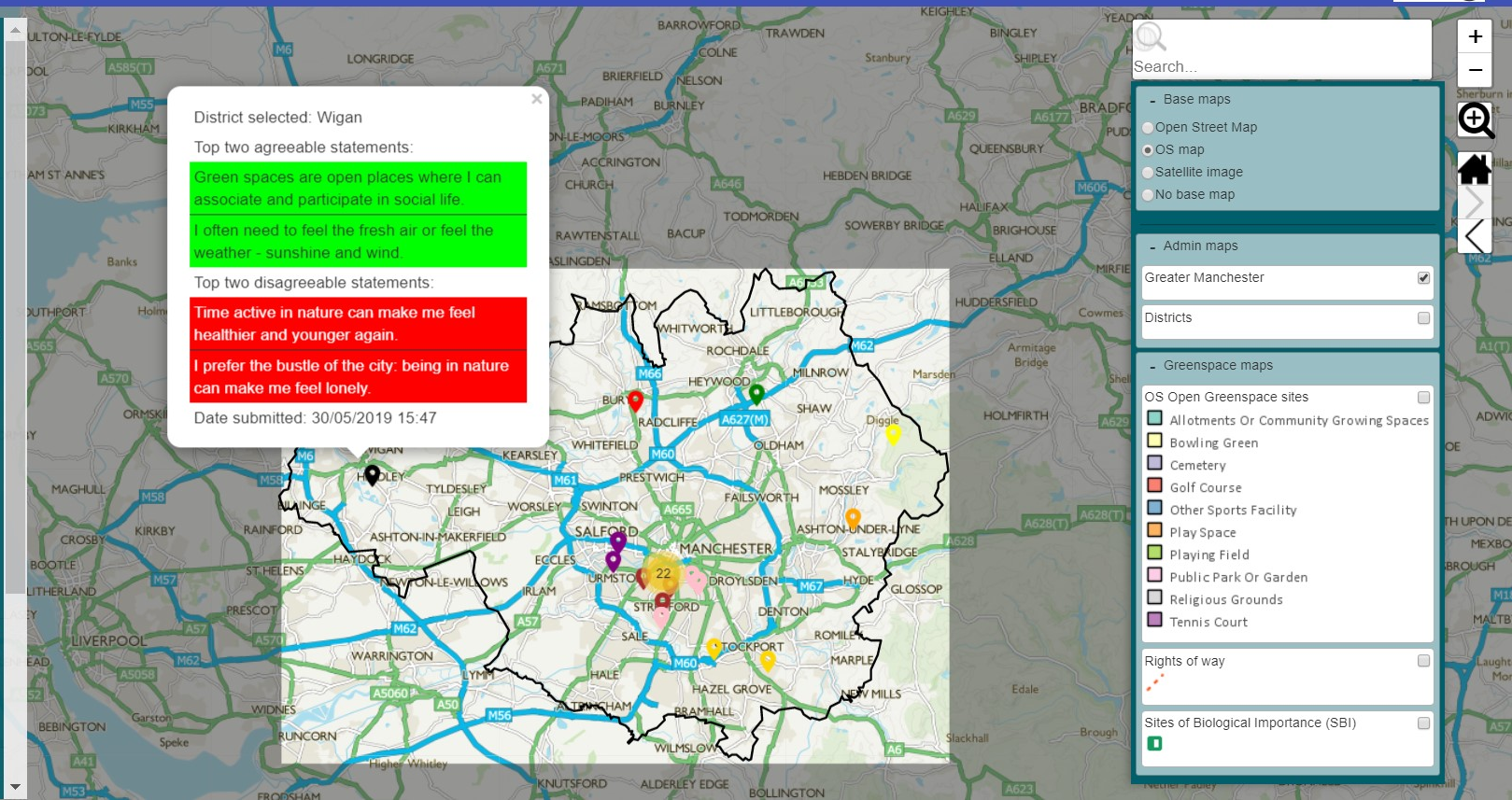
Exploring the Values

You can zoom into any area of the map or search for a place you know.

You can see the top two statements that you agree and disagree with at the location you entered. You can also see the top two statements that other people have agreed with and disagreed with by clicking on the pin symbols. If you see a number on the map, you can click on it to see the individual responses.

Using your responses

We will use what you tell us to develop a better understanding of how people value green and blue space for health and wellbeing.



GHIA Value tool

Try it out yourself!

Visit the website at <https://ghia.org.uk/tools>

Click the image to reach the tools

Select the button for the Value tool

THE VALUE TOOL »

[10-15 minutes]



Audience Feedback

During the workshop, we asked the audience some questions to get feedback on the Value tool.

The results are shown in the following pages.



GHIA Value tool

 Mentimeter

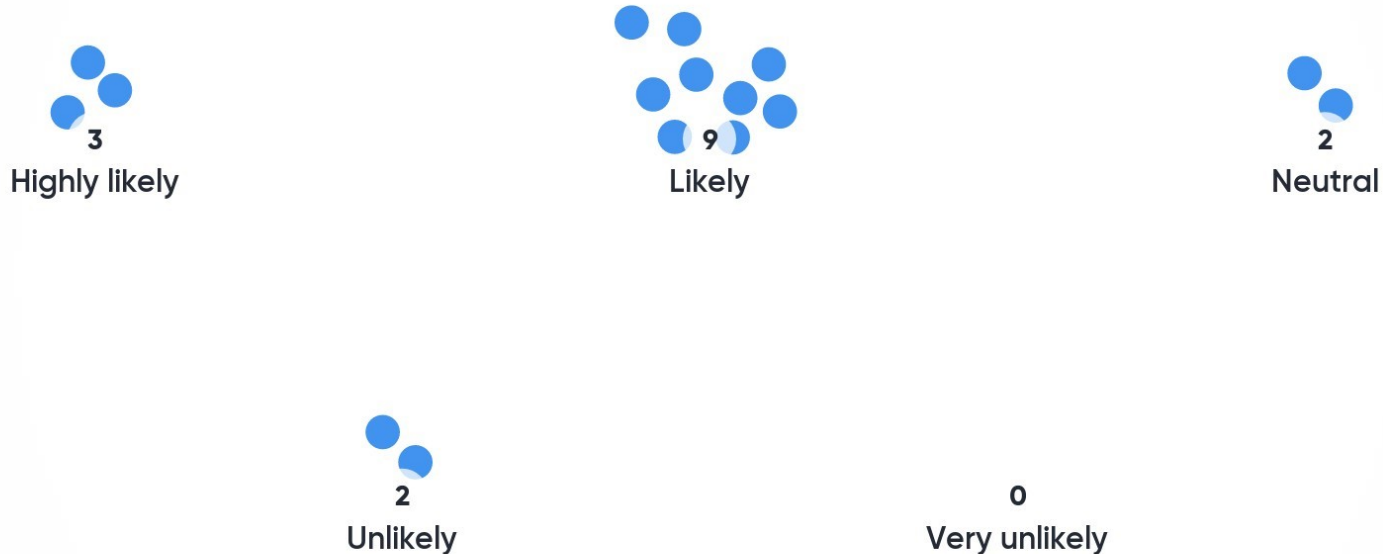
In three words, describe your initial impressions of the Value tool



GHIA Value tool

How likely would you/your organisation be to use the Value tool?

 Mentimeter



GHIA Value tool

 Mentimeter

What might you/your organisation use the Value tool for?

General interest

Engaging communities

teaching

Research

Population insight questionnaire

research projects

Research

Provoke discussion in group

Determine value of UoM greenspace

Sharing with others

Research

Funding bids

To help fight a planning application

Helping determining priorities in an area

Discussion

To stimulate discussion

funding bids

Discussions with communities

to present introductory info of my research to the wider public

Looking at priorities for funding

Monitoring behaviour change

Research

Understanding audiences and their opinions around access to green spaces

Share with partner organisations

GHIA Explore tool

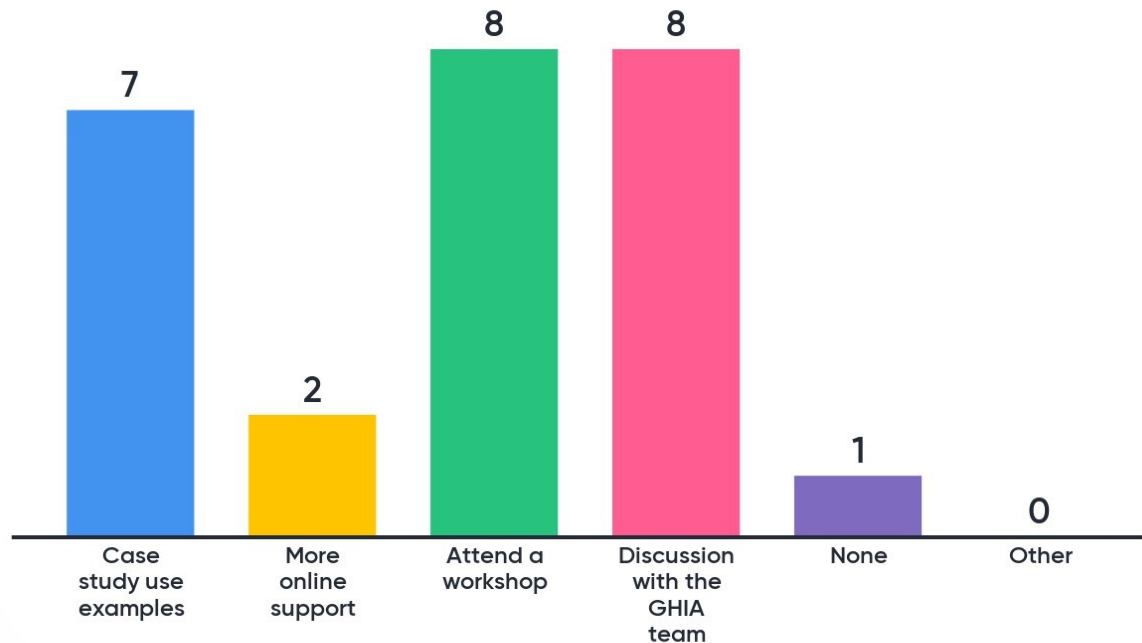
Function: Explore health and green space associations in Greater Manchester.



GHIA tool support

 Mentimeter

What further support do you need to make best use of the GHIA tools?



Thank you

Further information:

- Mapping tools: <https://ghia.org.uk/tools>
- Follow us:  @GHIA_VNN

Acknowledgements:

- Richard Kingston & Vasileios Vlastaras, Tellus Toolkit, <https://www.tellus-toolkit.com>
- GHIA research team and Advisory Group

