Service Overview
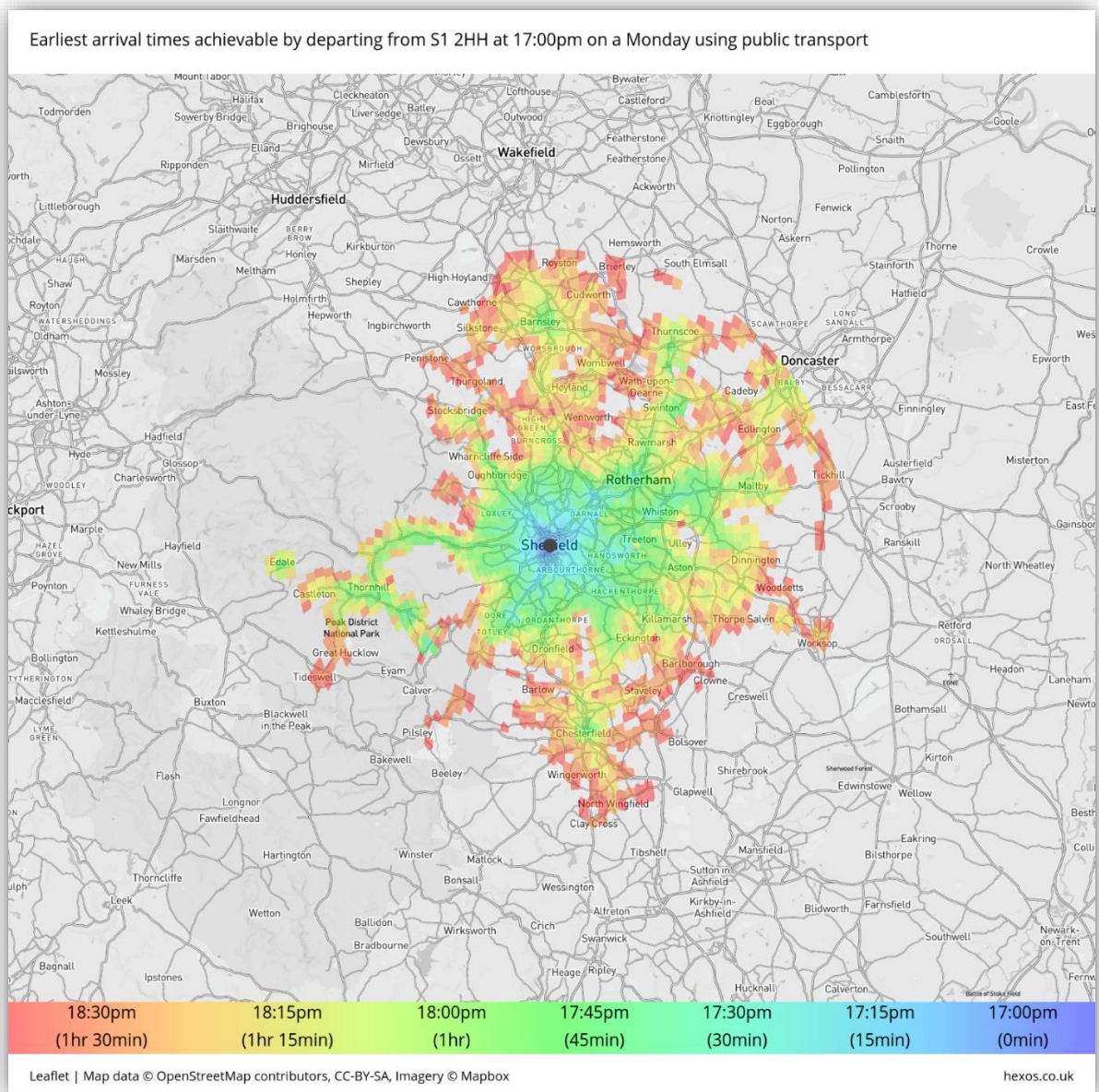
You can generate simple to understand heatmaps / travel time maps to represent travel times.

- Easy to understand heatmap description.
- Intuitively coloured legend clearly displaying departure / arrival times and total travel times.
- All the attribution included so you can share these heatmaps!

Here's one we made earlier!

Earliest arrival times achievable by departing from S1 2HH at 17:00pm on a Monday using public transport

18:30pm	18:15pm	18:00pm	17:45pm	17:30pm	17:15pm	17:00pm
(1hr 30min)	(1hr 15min)	(1hr)	(45min)	(30min)	(15min)	(0min)

Leaflet | Map data © OpenStreetMap contributors, CC-BY-SA, Imagery © Mapbox   hexos.co.uk
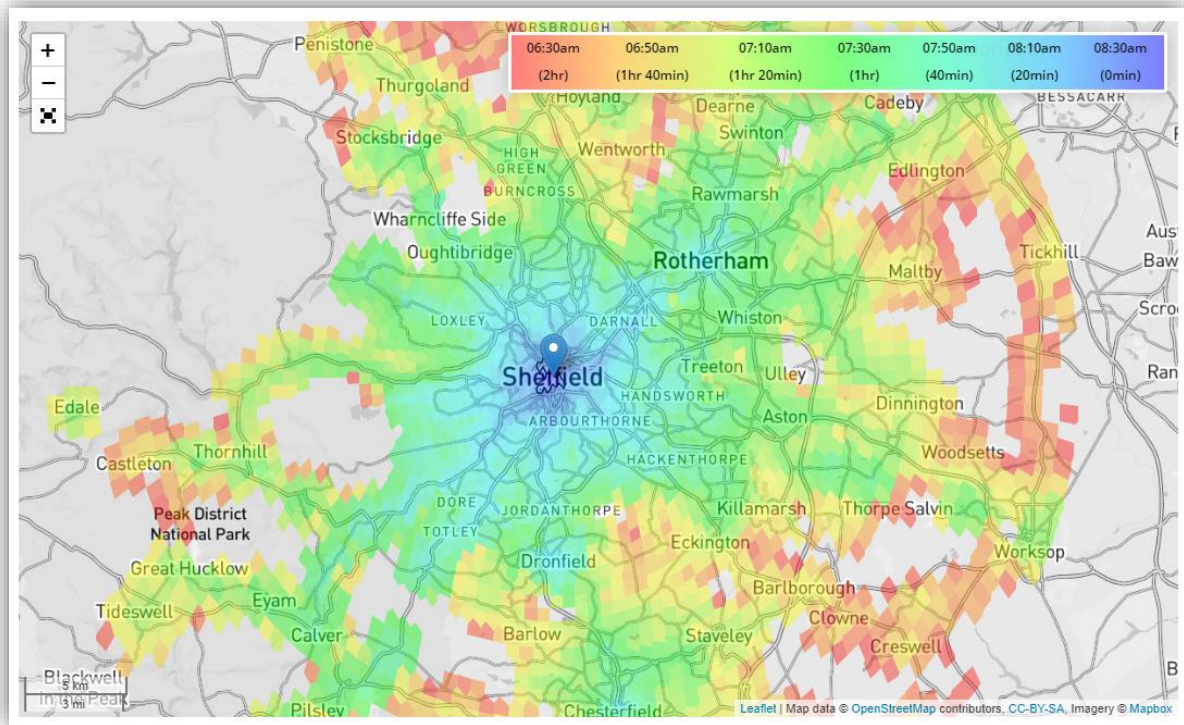
The Interactive Map [1]

The interactive map is a dynamic, customisable data-rich online map that is found via the Interactive Heatmap Viewer function found on the website. (See the top right of the main page!)

View the heatmap [1.1]

The heatmaps is displayed on an interactive, easy to use map; you can zoom in and out and move around. Displayed with a heatmap description and a key/legend to help you understand the colours.

See information about each specific journey [1.2]

Depart by 08:08am
Journey time of 21min
Distance travelled: 5.11 km
Distance walked: 589 m
Public transport services used:
- TRAM, (Yellow Line)

Each discrete journey has a number of useful variables. You can analyse every section of your map using this feature. Just click anywhere on the map to display the information popup.

Change the max travel time filter [1.3]

This setting allows you to change the maximum travel time from anything between 5 minutes and 6 hours! The description and legend will update accordingly.

Earliest arrival times achievable by departing from S1 2HH at 18:00 on a Monday travelling by car

The current maximum travel time is: **120 mins**. Update the maximum travel time by placing the new value in the box and pressing update.

Maximum travel time | Update

The new value must be a whole number of minutes and be less than 360 minutes (6 hours) and greater than 5 minutes.

View the walking boundary [1.4]

View areas of your map where walking is a significantly more efficient option.

The Heatmap Download

[2]

The Heatmap download comes as a zip folder and is the main deliverable, containing 20 high definition images and your custom GeoJSON dataset.

📁 heatmap.zip

license.txt - Recall important details about how this intellectual property is licensed

📝 license.txt - Notepad

File   Edit   Format   View   Help

```
GeoJSON and images are subject to the following license:
https://creativecommons.org/licenses/by/4.0/
```

read-me.txt - All the important information about your heatmap, and any useful external links.
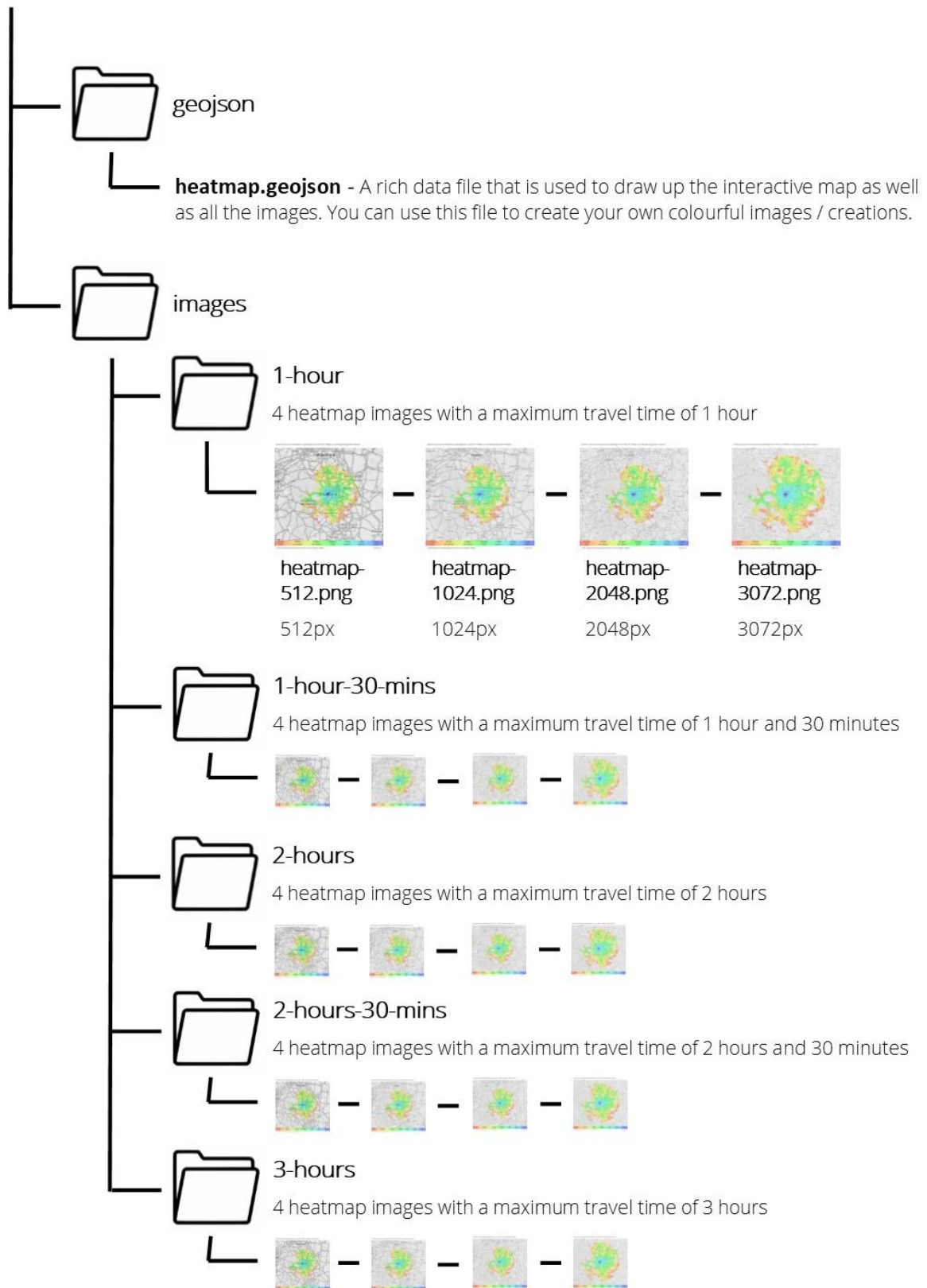
📝 read-me.txt - Notepad

File   Edit   Format   View   Help

```
Postcode: S36 2UQ
Size: City
Arrival time: 18:00
Day of the week: Saturday
Heatmap direction: Inbound
Transit type: driving
Exact date represented by the data: 25/01/2020
Heatmap ID: 84cc4776-93a6-4394-b0cc-ba9efec654fb

These files have been created by 'Heatmaps by Hexos',
an online service to create public transport heatmaps for data visualisation.

Find out more about 'Heatmaps by Hexos': https://hexos.co.uk/heatmaps-by-hexos.html
Get in touch: https://hexos.co.uk/contact.html
```

the-heatmap-handbook.pdf - The ultimate guide to understanding the heatmaps provided by 'Heatmaps by Hexos' and making sure you use them in accordance to the terms and conditions set out by Hexos.

geojson

heatmap.geojson - A rich data file that is used to draw up the interactive map as well as all the images. You can use this file to create your own colourful images / creations.

images

1-hour
4 heatmap images with a maximum travel time of 1 hour

 — — —

| heatmap-512.png | heatmap-1024.png | heatmap-2048.png | heatmap-3072.png |
| 512px | 1024px | 2048px | 3072px |

1-hour-30-mins
4 heatmap images with a maximum travel time of 1 hour and 30 minutes

 — — —

2-hours
4 heatmap images with a maximum travel time of 2 hours

 — — —

2-hours-30-mins
4 heatmap images with a maximum travel time of 2 hours and 30 minutes

 — — —

3-hours
4 heatmap images with a maximum travel time of 3 hours

 — — —

Overview

'Heatmaps by Hexos' is an online service provided by Hexos to create public transport and driving heatmaps / travel time maps for data visualisation.

Contact

You can find contact information for Hexos on the following web page.

hexos.co.uk/contact.html

Find out more

You can find out more about Hexos and 'Heatmaps by Hexos' on the following web page.

hexos.co.uk

HEATMAPS
BY **HEXOS**