

ANNEX – B

Analysis of CoYC's Public Charging Infrastructure Coverage

City of York Council's public EV charging strategy sets out a 3-tier approach to provide coverage of EV charging infrastructure for residents without off-street parking and delivery of a Network that supports multiple user groups.

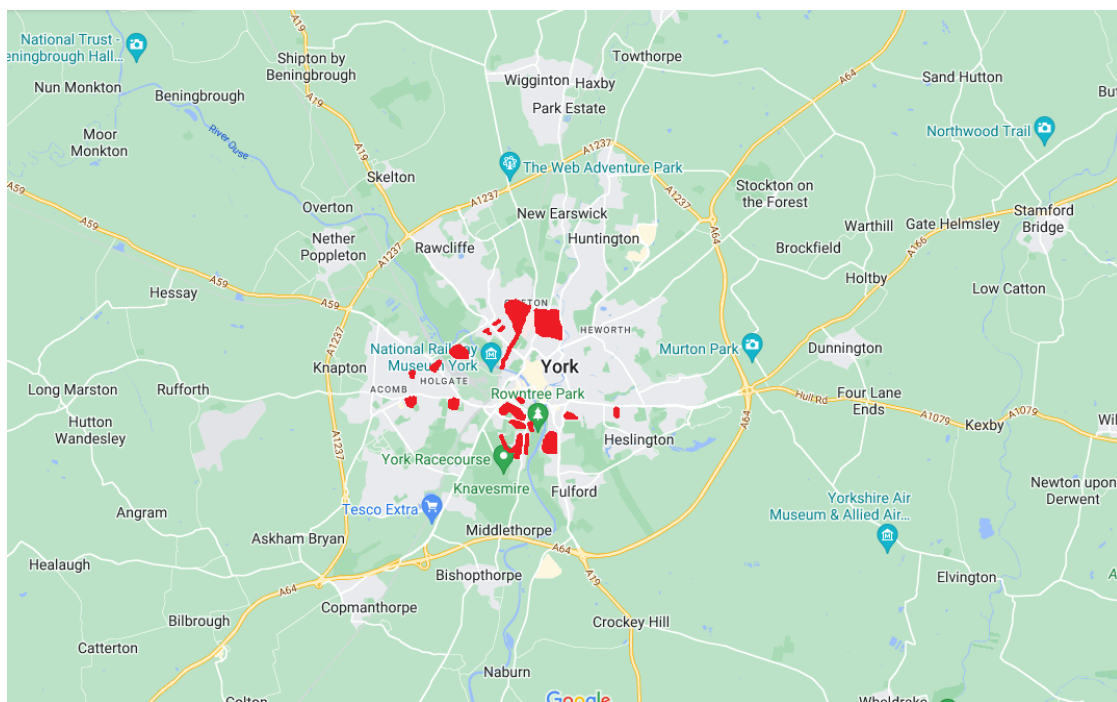
Effective coverage is based on:

- 10 minute walk from Fast chargepoint sites
- 10 minute drive from Rapid and Ultra Rapid sites.

The following maps explain the geographical placement of CoYC's charging infrastructure in order to achieve sufficient coverage.

Map 1

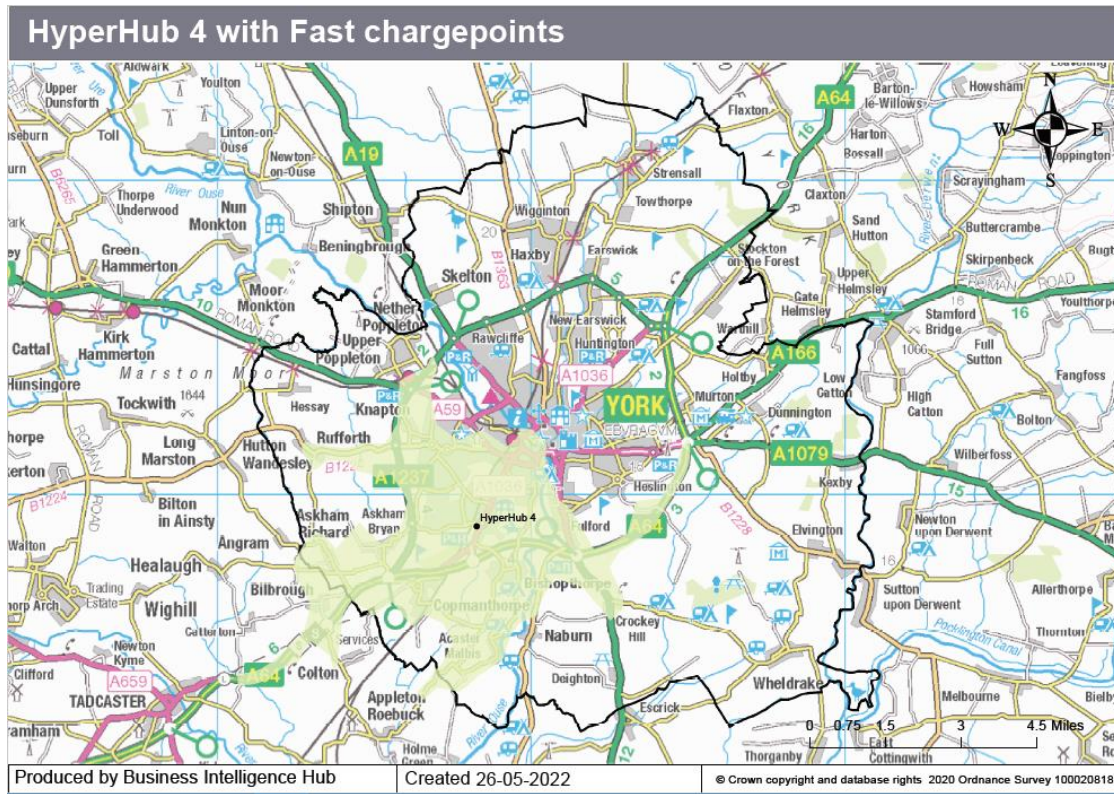
Illustrates areas of terraced housing without off street parking. Terrace streets highlighted in red.



Map 1

Map 2

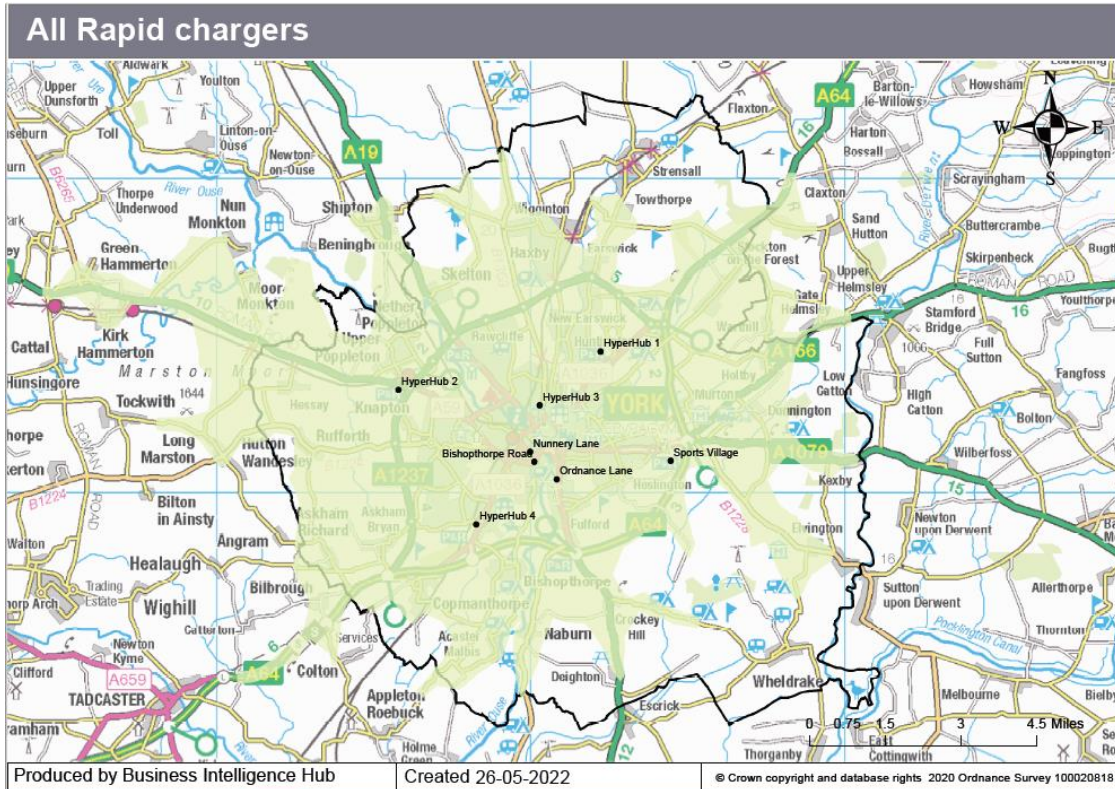
The green shaded region shows the catchment area within a 10 minute drive of HyperHub 4 (Askham Bar). The catchment area covers significant areas of terraced streets as shown on Map 1, extending from the City Centre in the Southwest quarter.



Map 2

Map 3

The green shaded region shows the catchment area within a 10 minute drive from and of the four HyperHubs. The catchment area covers all terraced street areas shown on Map 1.

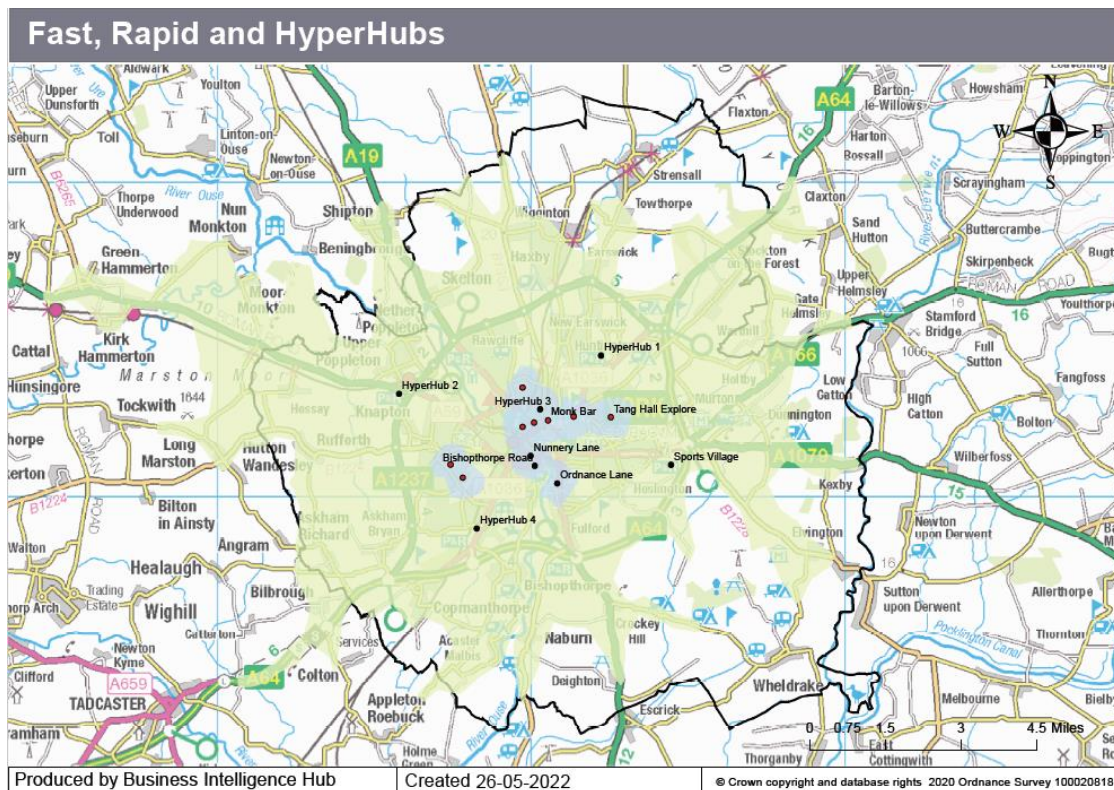


Map 3

Map 4

Shows 10 minute walk (grey areas) from City Centre Fast chargepoint sites – significant coverage of terraced street areas shown on Map 1.

In addition, green areas show 10 minute drive from Rapid and HyperHub sites – coverage of all terraced street areas shown on Map 1.



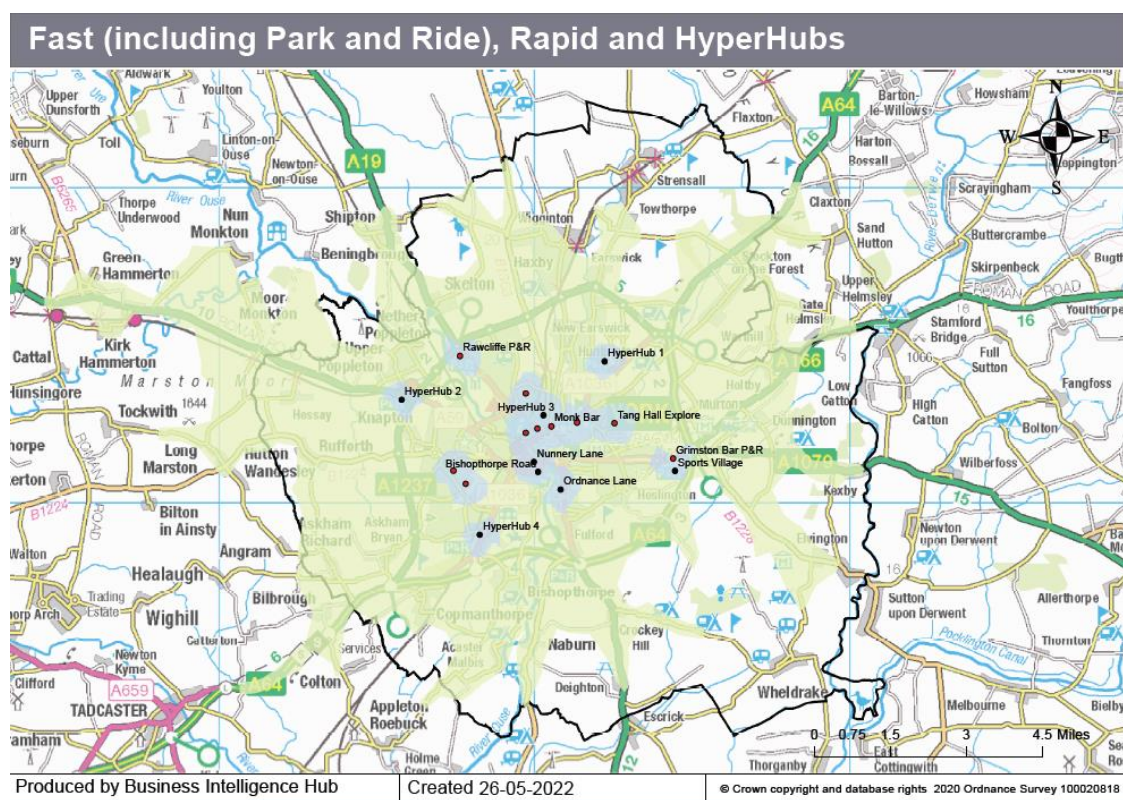
Map 4

Map 5

Shows a 10 minute walk (grey areas) from City Centre Fast chargepoint sites and from Fast chargepoints at Park and Ride sites – significant coverage of terraced street areas shown on Map 1.

Note that Park and Ride users are required to either cycle from Park and Ride sites or use the bus service and are intended primarily for non-resident use.

Additionally, the green shaded area shows a 10 minute drive from Rapid and HyperHub sites – coverage of all terraced streets identified on Map 1.



Map 5