

Grosvenor and USS

Trumpington South

Mobility Strategy

February 2020

Mobility Strategy

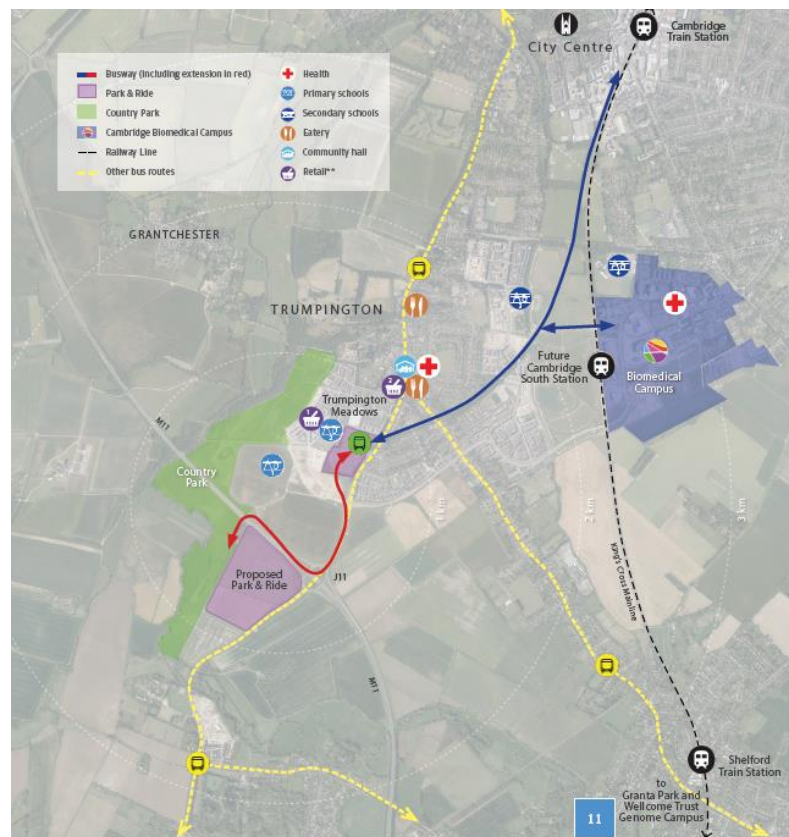
Executive summary

1. Grosvenor and USS's vision for Trumpington South is to create a quality place that helps Cambridge meet its challenge of addressing Climate Change and diminishing biodiversity. A place that makes the most of its excellent location, encourages healthy living and enables community cohesion.
2. Embedded in the vision is a clear commitment to build net zero carbon homes, enhance biodiversity and improve air quality by minimising car use and maximising active travel.
3. The mobility strategy is central to achieving the vision. The strategy builds upon the already excellent travel networks and culture of active travel that is exhibited at Trumpington Meadows and within Cambridge, a great success in its own right.
4. A range of transport projects are planned for Southern Cambridge and there is no other location in Greater Cambridge where the same scale of investment in transport and mobility is being made. These projects will further enhance the importance of Southern Cambridge as a hub and place for growth.
5. Within this context, this strategy reaches further, with the provision of facilities, people and systems to enhance the movement, quality of life and productivity of communities in Southern Cambridge. The strategy seeks innovation and to leverage technology to achieve the vision for a place that will truly deliver against the big themes that the Councils have set as their priorities towards 2050.
6. Trumpington South will be designed around people rather than vehicles. Designed at a pedestrian scale, a place where classic mobility, walking and cycling are prioritised and the most convenient way of moving around.
7. An innovative approach to car parking is proposed which will see parking provided in consolidated locations, freeing up space for people to walk and cycle. Car parking will be provided at levels below current standards and lower than that provided across the southern fringe.

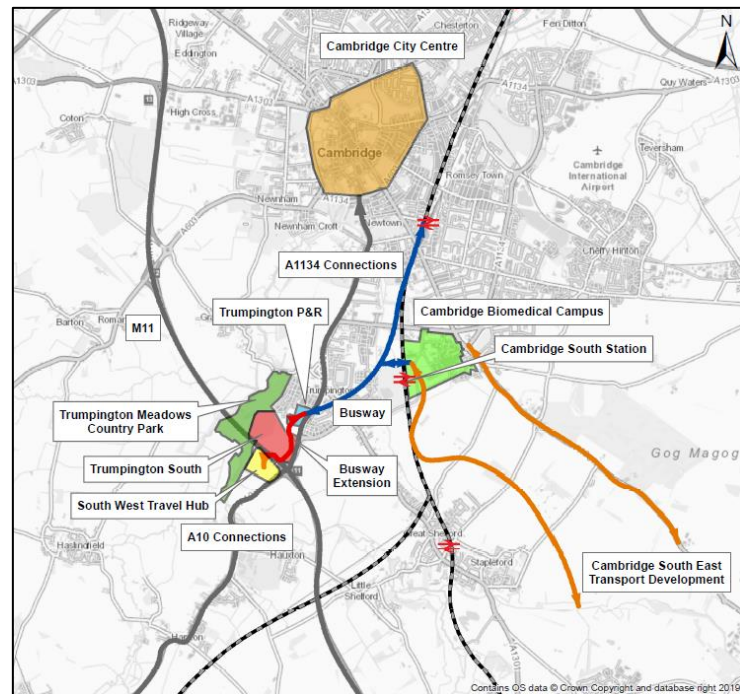
8. Delivery of low emission vehicles to the transport network will be supported through providing charging facilities and opportunity to generate energy through PV cells in those consolidation parking areas.
9. Our strategy is to develop a masterplan and mobility plan that maximises mobility opportunities, taking full advantage of the location close to transport corridors and major employment areas, facilitating social inclusion and minimising the effects of climate change.

Highly sustainable location

10. The location of Trumpington South at the edge of the existing settlement boundary and adjacent to transport hubs and corridors is excellent in sustainability terms. The close proximity to employment areas, schools and local facilities, combined with excellent mobility opportunities for which there are a range of planned improvements, maximises the ability to achieve zero carbon, active and healthy mobility patterns.


































- Trumpington South is close to the largest employment sector in Cambridge (the Cambridge Biomedical Campus) which people can travel to within a 10-minute bike ride or a short 8-minute bus trip using the busway.



- The Biomedical Campus is growing and Trumpington South offers opportunity to help meet this demand for new jobs by placing people close to their place of work, reducing in-commuting, improving air quality and helping achieve net zero carbon targets.
- It is well located to access the existing and emerging science cluster which incorporates places such as Granta Park and the Wellcome Genome Campus where the South East transport corridor will provide opportunity to travel by the CAM or cycle.
- The increasing commitments to infrastructure and mobility in southern Cambridge, including the Cambridge South Station and East-West rail ensures that Trumpington South is well placed to maximise sustainable mobility to wider destinations. High quality cycle corridors such as the Busway provide dedicated and segregated links to a wide area making the Biomedical Campus, City Centre and Cambridge Science Park, via the Chisholm Trail, easily accessible.

15. The emerging South West Travel Hub and the Trumpington Park and Ride are either side of the site. The busway will pass through Trumpington South providing immediate access to the future Cambridge Autonomous Metro (CAM).
16. Day to day facilities are on the doorstep of Trumpington South including schools, local shops and a country park. These are all very easy to get to with a short walk or bike ride ensuring that a high degree of trips are made locally.
17. Trumpington Meadows Primary School is within walking distance and Trumpington Community College is within a 5-minute bike ride. Shops in Trumpington High Street are 5 minutes away. As well as this, regional facilities in the City centre are 15 minutes away by bike using dedicated cycle routes or a short bus trip.

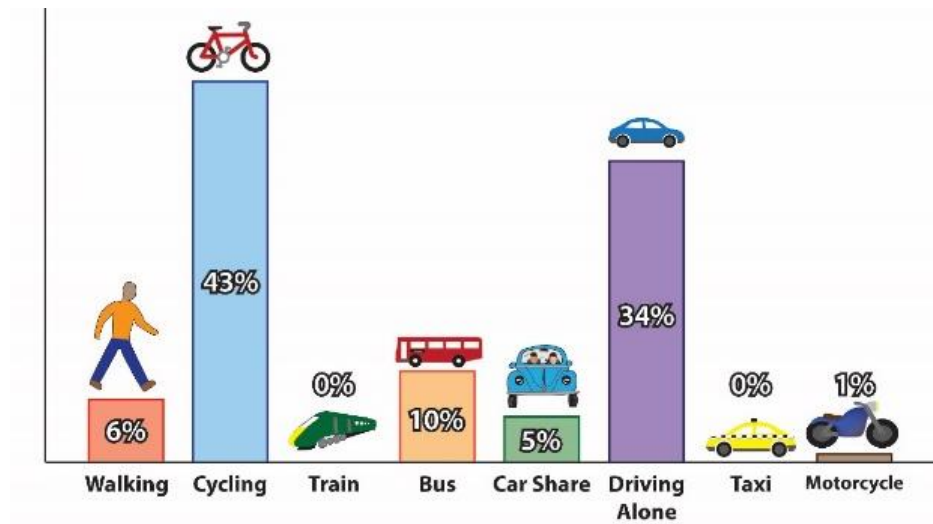
	Proposed New Primary School			
	Trumpington Meadows Primary School	 10 mins	 2 mins	
	Trumpington Community College	 30 mins	 7 mins	 15 mins
	Long Road Sixth Form College	 40 mins	 12 mins	 15 mins
	Trumpington High Street	 20 mins	 5 mins	 15 mins
	Trumpington Park & Ride	 8 mins	 2 mins	
	Biomedical Campus	 35 mins	 9 mins	 10 mins
	Cambridge City Centre	 1 hour	 15 mins	 23 mins
	Future Cambridge South Station	 35 mins	 9 mins	 10 mins

An Embedded Culture of Active Travel

18. The local communities at Trumpington Meadows and across the Southern Fringe already exhibit a culture that is focused on sustainable, healthy living. This places modern, but also classic, mobility uppermost in the mindset. Trumpington South will embrace and build upon this.

19. The general trend in the UK is towards embracing active travel and the sharing economy and sustainable mobility has passed over the watershed in Cambridge. This is accentuated in Trumpington. A 2019 survey reports that of those people living in Trumpington Meadows and working in Cambridge, 43% cycle, 6% walk and 10% take the bus.

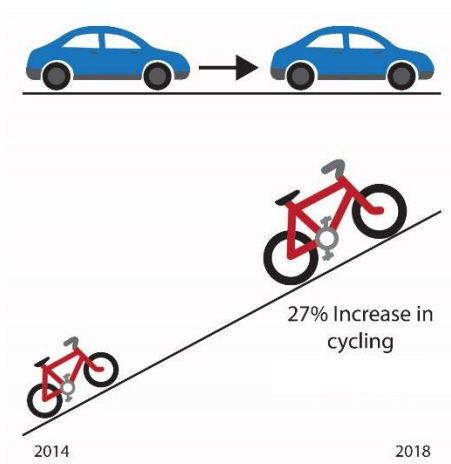
How people in Trumpington Meadows travel to work



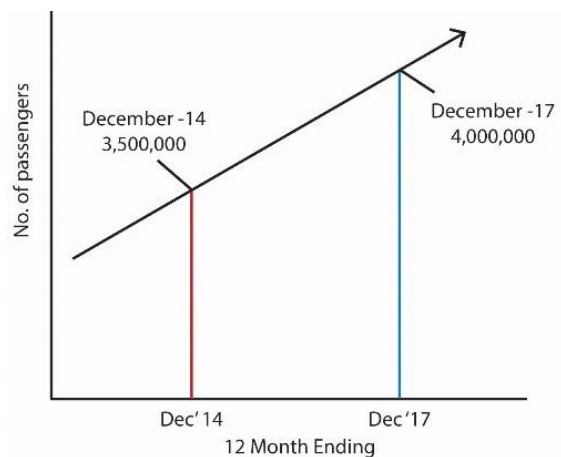
20. Travelling to school; the majority of movement takes place by walking, cycling or scooting with 91% of those travelling to schools within Trumpington travelling in this way.

21. Within Cambridge whilst available jobs and housing supply has increased the net number of vehicle movements within their radial cordon has remained the same whilst cycling has increased by 27%. The number of passengers on the busways increased steadily.

Cycle and car use in Cambridge



Increase in busway users



22. Trumpington Meadows and the Southern Fringe are demonstrable examples that where mobility options are prioritised and provided in the right location, zero carbon sustainable travel patterns will result. These travel patterns will only continue to improve with the emerging projects in the area making Southern Cambridge the ideal place for growth.
23. Trumpington South will deliver a step change in mobility.
24. Because of the location, attitudes towards mobility and local culture, we can bring bold design and innovation and do some very effective things with our masterplan and mobility at a site scale.
25. Trumpington South will be designed around people rather than vehicles at a pedestrian scale, a place where classic mobility, walking and cycling are prioritised and the most convenient way of moving around.
26. The approach starts with a low car development, providing parking well below the numbers provided within Trumpington Meadows or identified in local standards. The location, mobility options and demonstrable culture that embraces sustainable living enables this.
27. Where parking is provided this will be located in communal, specific and peripheral locations. The strategy will allow conversion to other land uses as car ownership demand reduces over time.
28. Trumpington South will take a lead in the delivery of low emission vehicles providing charging facilities and opportunity to generate energy through PV cells above areas of parking. Car sharing through car clubs, using electric cars and vans, will also be facilitated and favoured as a way of reducing car dependency.
29. The approach to car parking creates an environment with low vehicle movements ensuring Trumpington South can be designed around dedicated pedestrian and cycle corridors. A place where active travel is the most obvious and convenient way of travelling.
30. These will connect with transport corridors leading from the site to provide access to wider areas. By creating a place where active and sustainable travel is embedded, maximum advantage of the great location and exceptional transport links will be taken.

31. Ebike charging points and innovations in technology and in particular Micromobility solutions will be embraced.
32. Trumpington South will deliver facilities such as a primary school and work hubs which will further promote local living and reduce the need to travel.
33. In order to manage the range of measures on offer, a Mobility Hub will be implemented that will be a focal point for the wider community. Car club vehicles, ebike hire and cycle maintenance can be provided within the hub.
34. A dedicated Community Concierge service will ensure a specialist is available to manage mobility and provide support to the local community both through the development stage and in its operation.



35. A Micro-consolidation centre will provide a central location where deliveries can be made, reducing delivery vehicle trips across the development. Onward door to door deliveries can be made by cargo bikes, drones or collected in person.

36. The reduced vehicle movements will be further enhanced through the use of consolidated waste collection points with underground storage. Refuse vehicles need only visit these locations.



37. Development at Trumpington South will deliver a place with the highest social, economic and environmental credentials and contribute positively towards the four themes identified in the Local Plan.
38. A community that will embrace a culture that is focused on sustainable healthy living making a big contribution to the aim for **car reduction** and **net zero carbon**.
39. Because of the location, and because of the approach to mobility, we expect at least 70% of trips to be contained **locally**, and 90% of movement to be made in the most **sustainable** way.
40. Development that maximises the use of existing and planned **transport corridors**.
41. A great place to live where **active and healthy travel** is facilitated.
42. Access to green spaces and the country park aiding **wellbeing** within the community.