Transport and Emissions



Worldwide

Intergovernmental Panel on Climate Change April 2022:

- To limit warming to 1.5°C global CO_2 emissions must peak “at the latest before 2025” and then fall to 48% below 2019 levels in 2030, reaching net-zero by the “early 2050s”

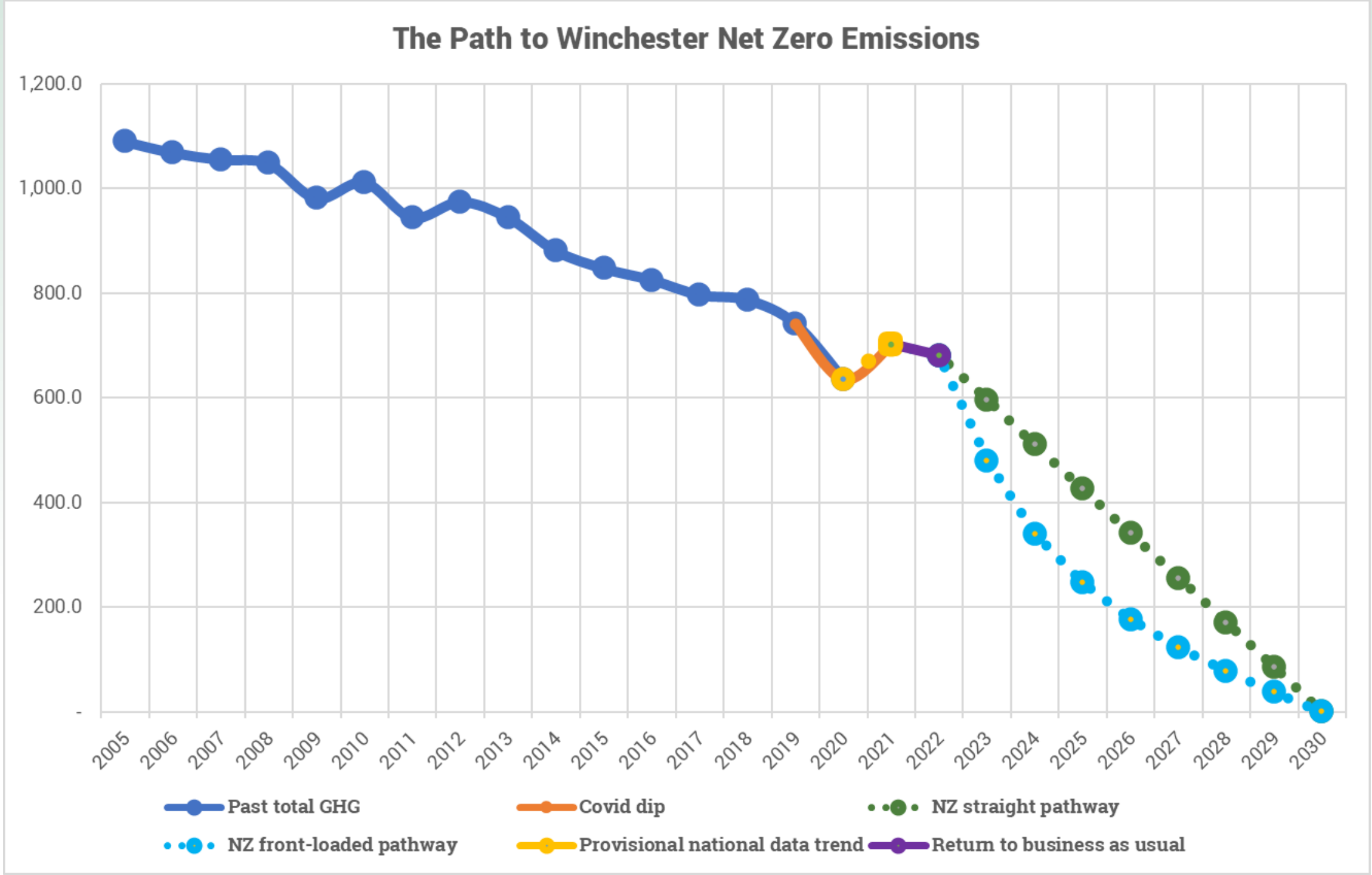
WinACC

Local Targets

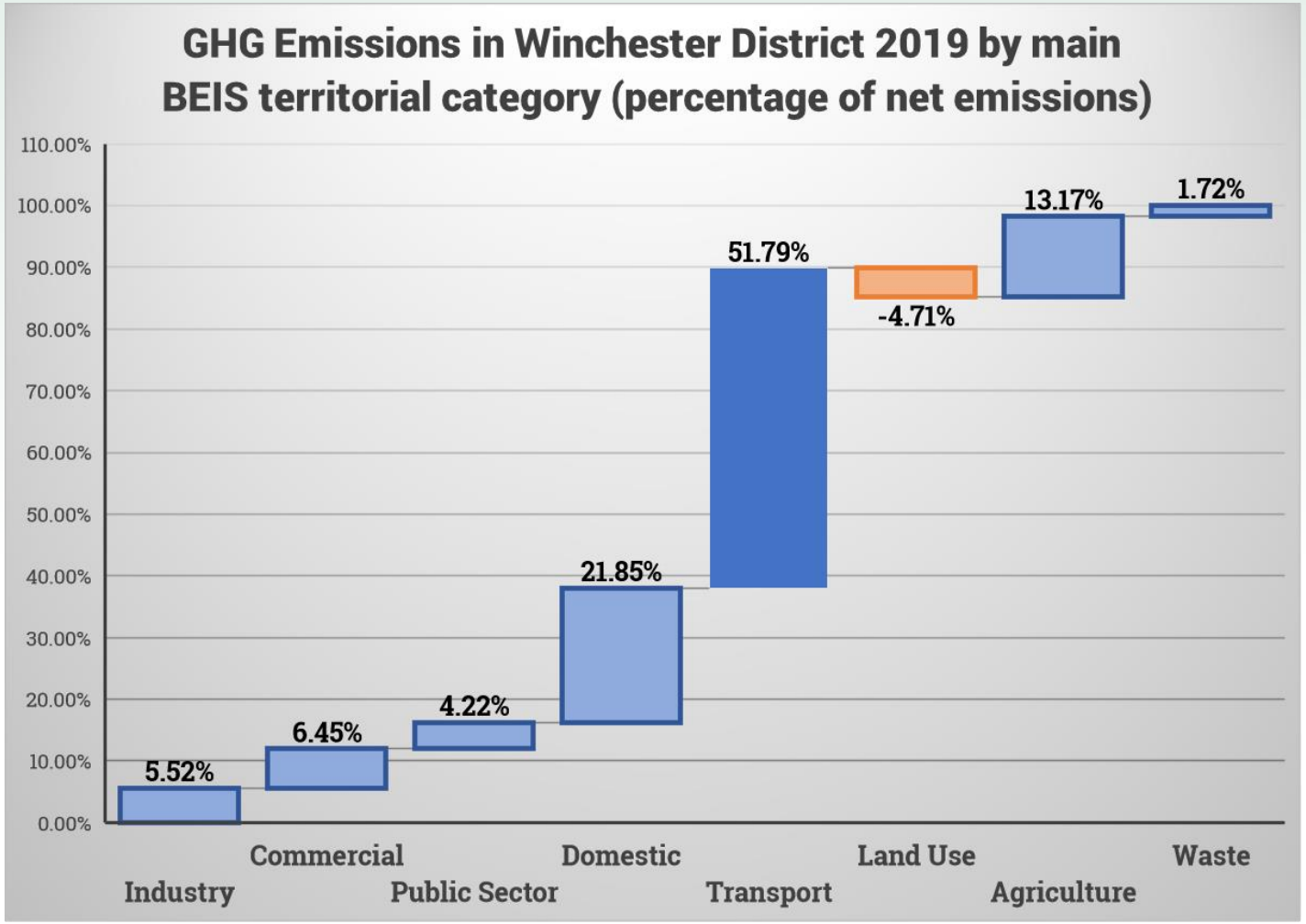
Emissions Targets

- Winchester City Council target: net zero by 2030
- Hampshire County Council and UK Government: net zero by 2050

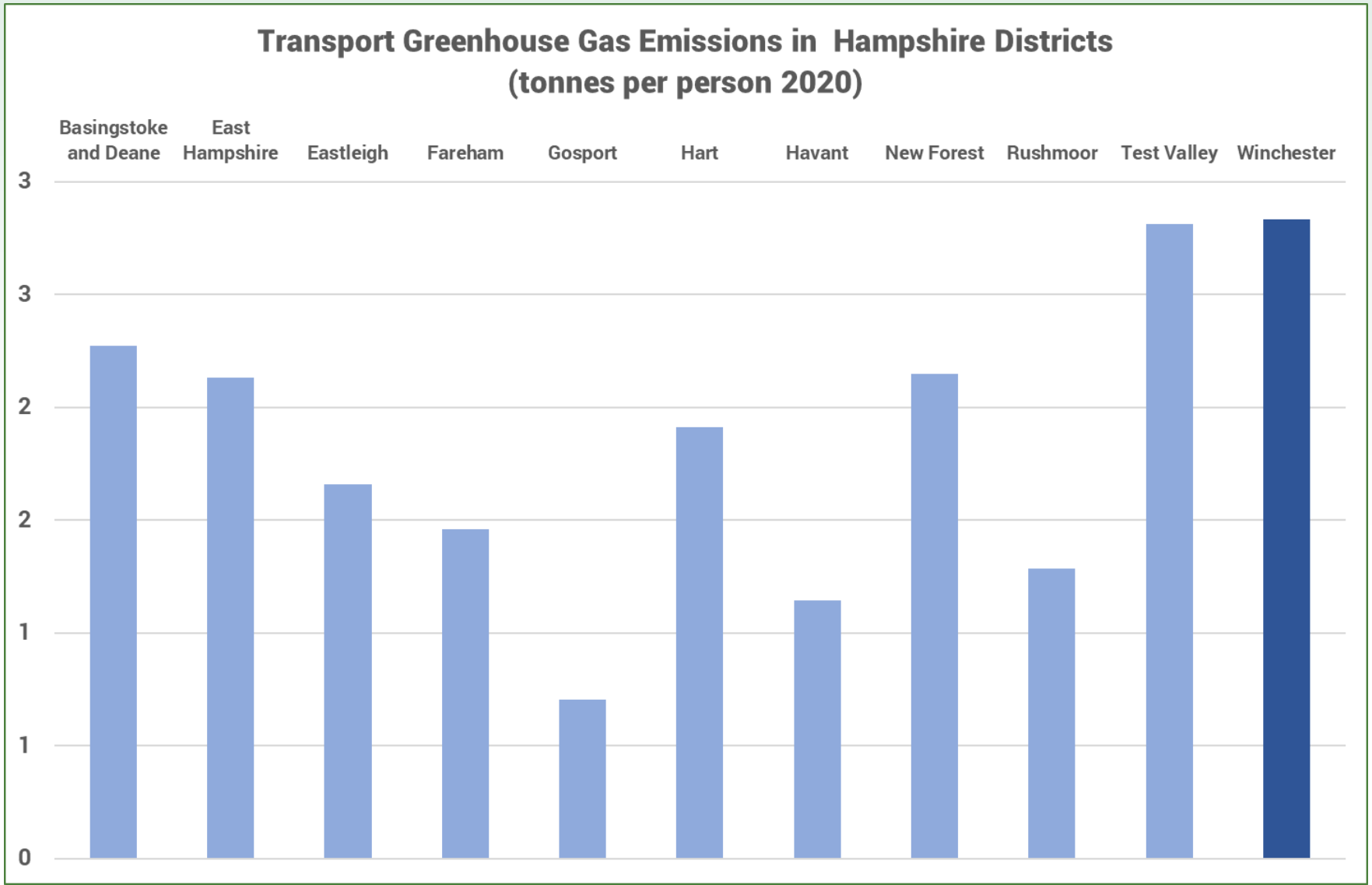
WinACC


The Path to Winchester Net Zero Emissions
1,200.0
1,000.0
800.0
600.0
400.0
200.0
-
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2030
Past total GHG
Covid dip
NZ straight pathway
NZ front-loaded pathway
Provisional national data trend
Return to business as usual

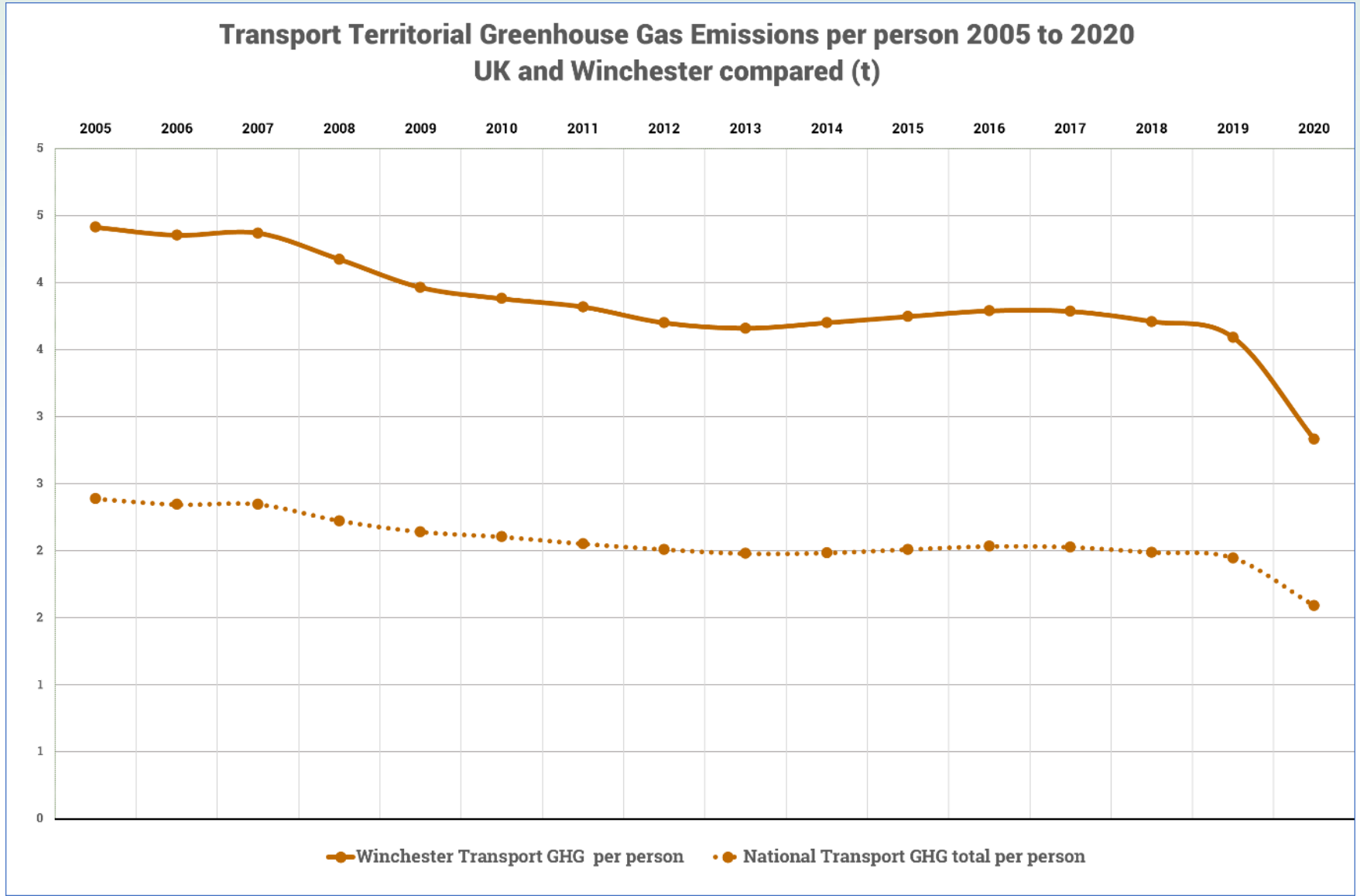
Where emissions come from



How Winchester compares with Hampshire



How Winchester compares with UK



How Central Meon Valley compares

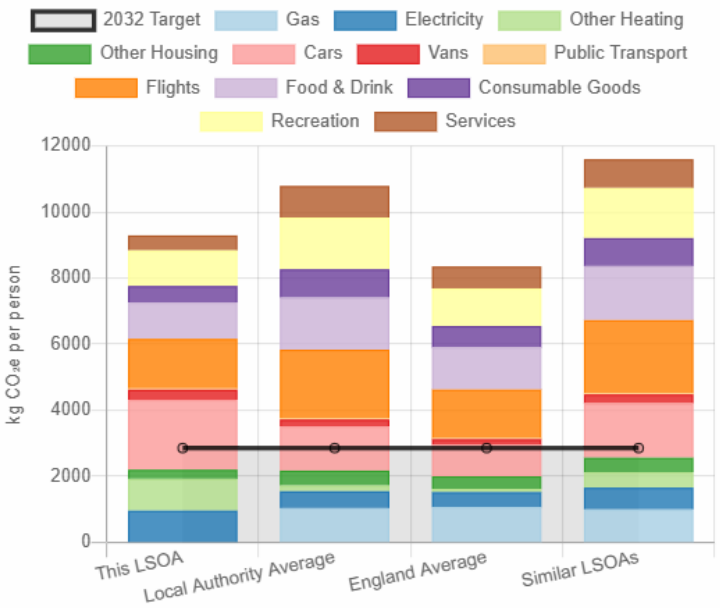
Place-based Carbon Calculator

E01023235 a 'Prospering countryside life' LSOA in Central Meon Valley

Overview | Housing | EPCs | Transport | Consumption | General

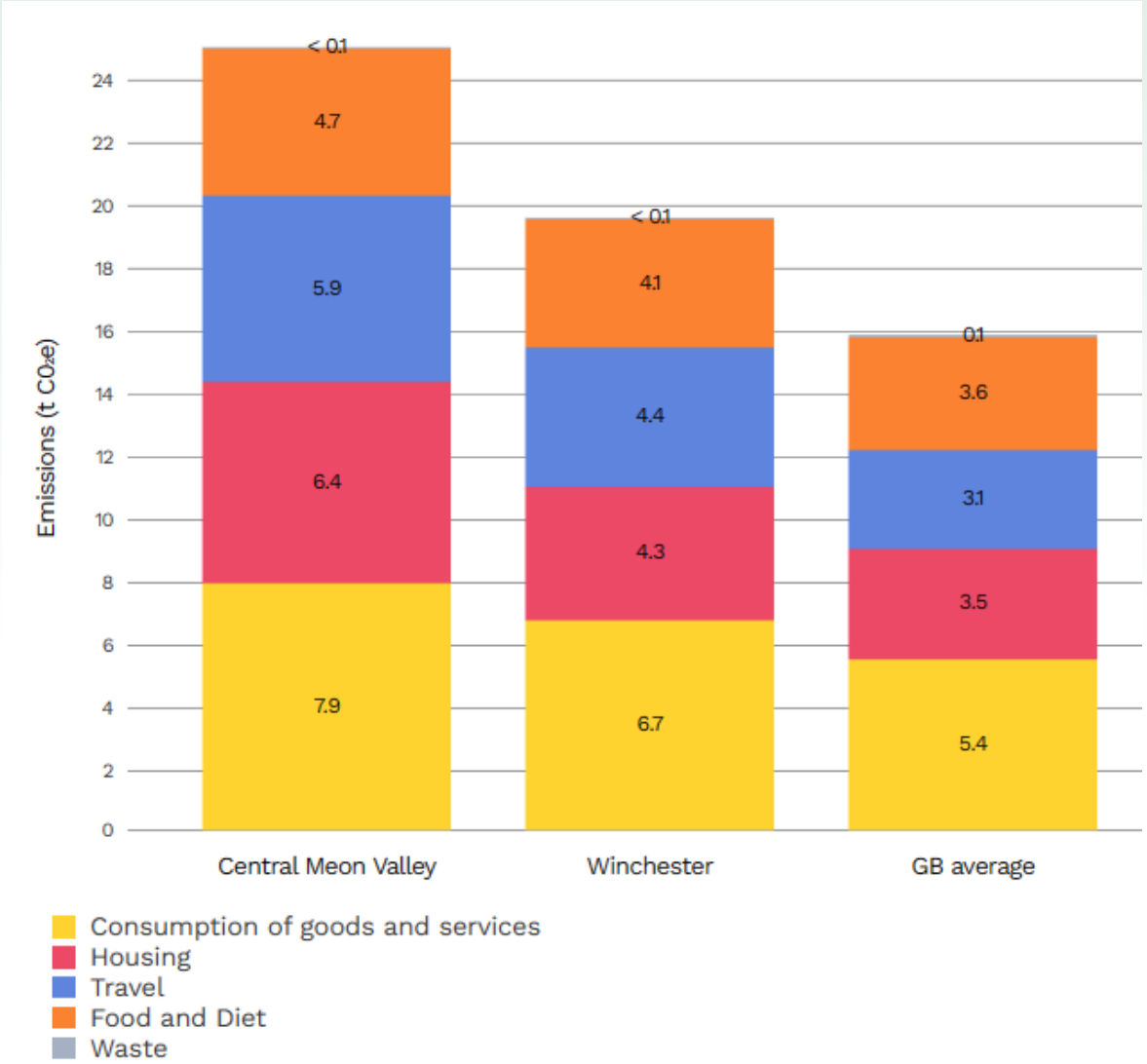
Overall Carbon Footprint

Name	Grade	$kgCO_2e$ per person
Total	D-	9300
Electricity	F-	953
Gas	NA	undefined
Other Heating	F	964
Car Driving	F-	2120
Van Driving	F+	306
Flights	D+	1500
Consumption of goods and services	C	3420

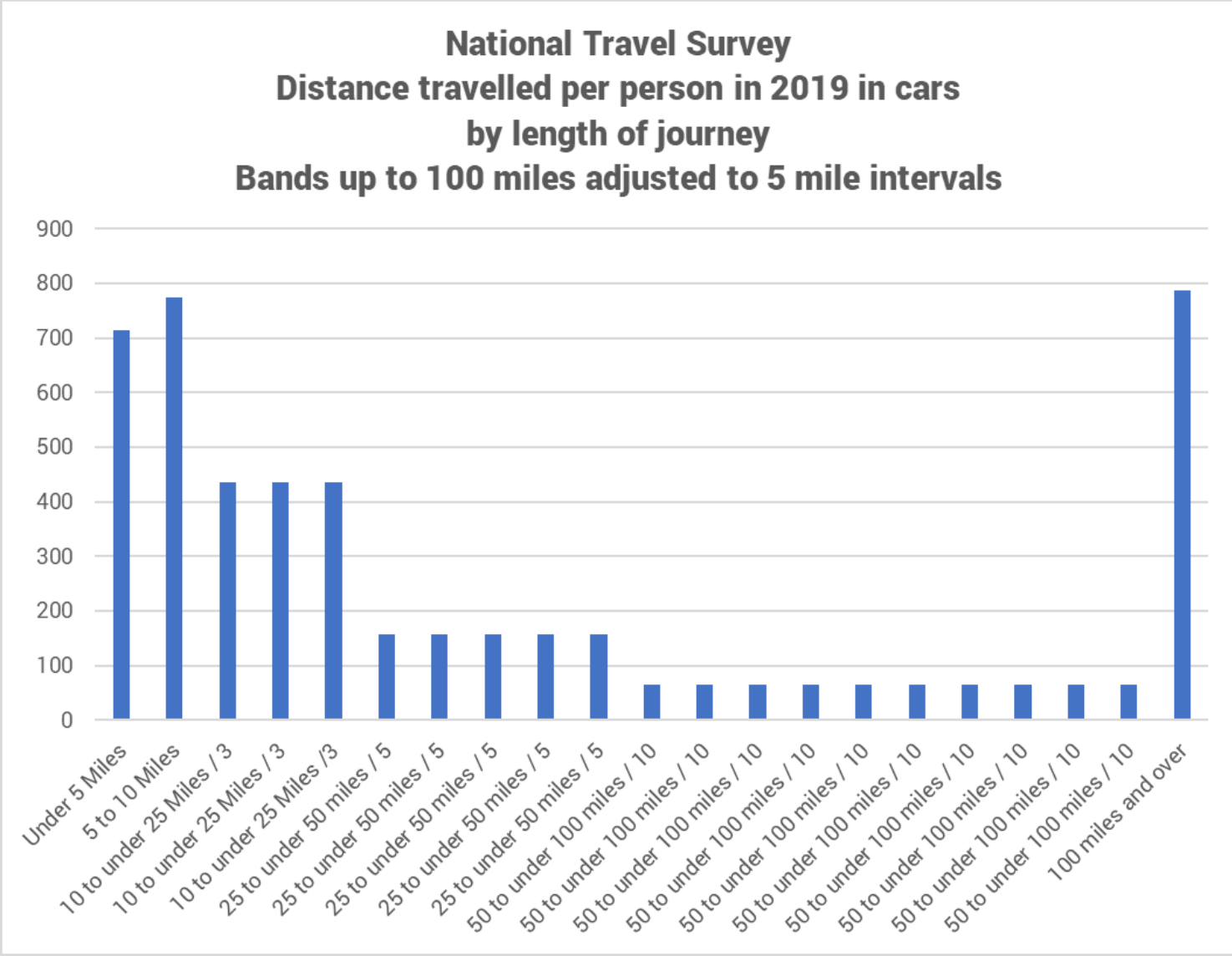


How Central Meon Valley compares

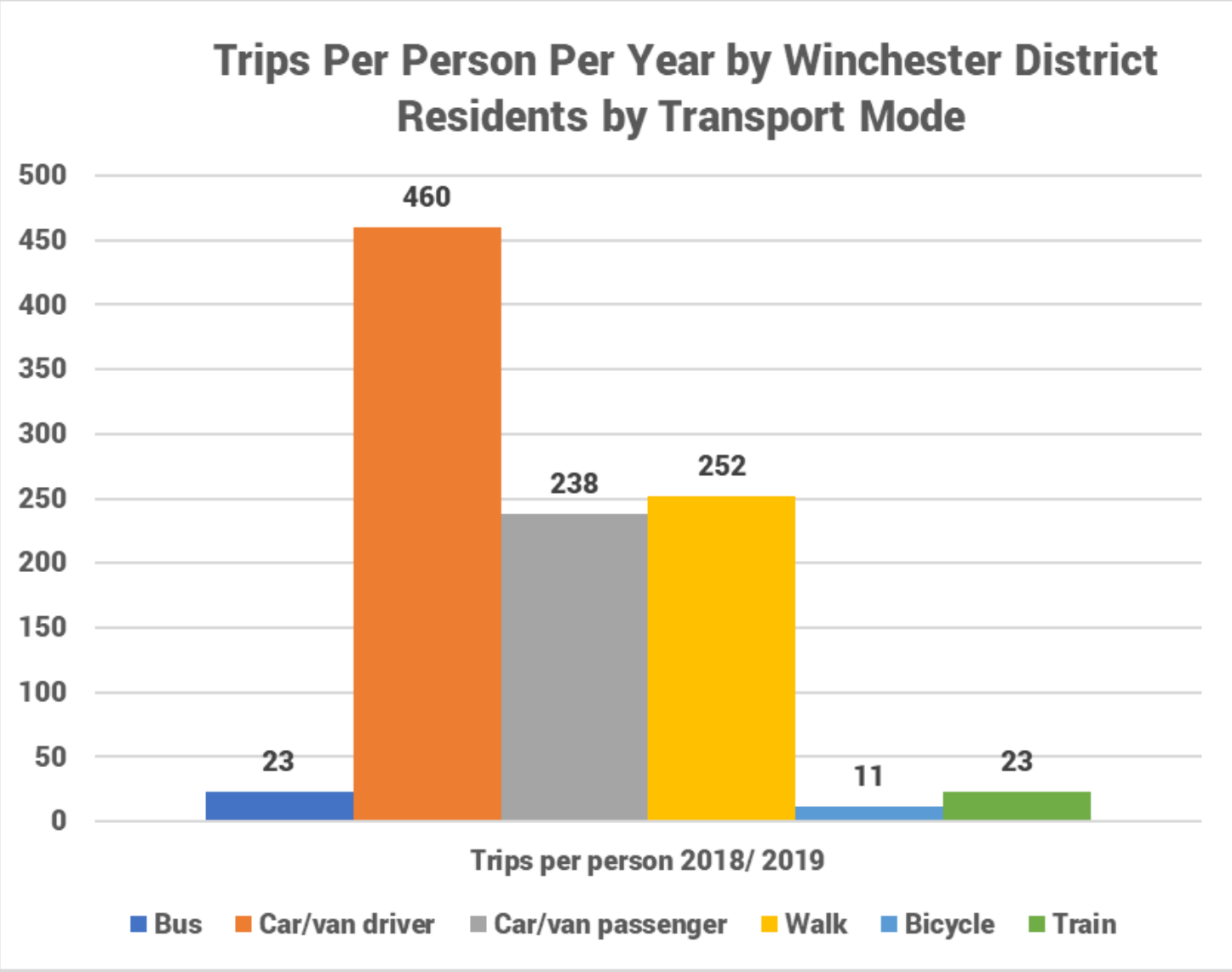
Impact Community Carbon Calculator per household



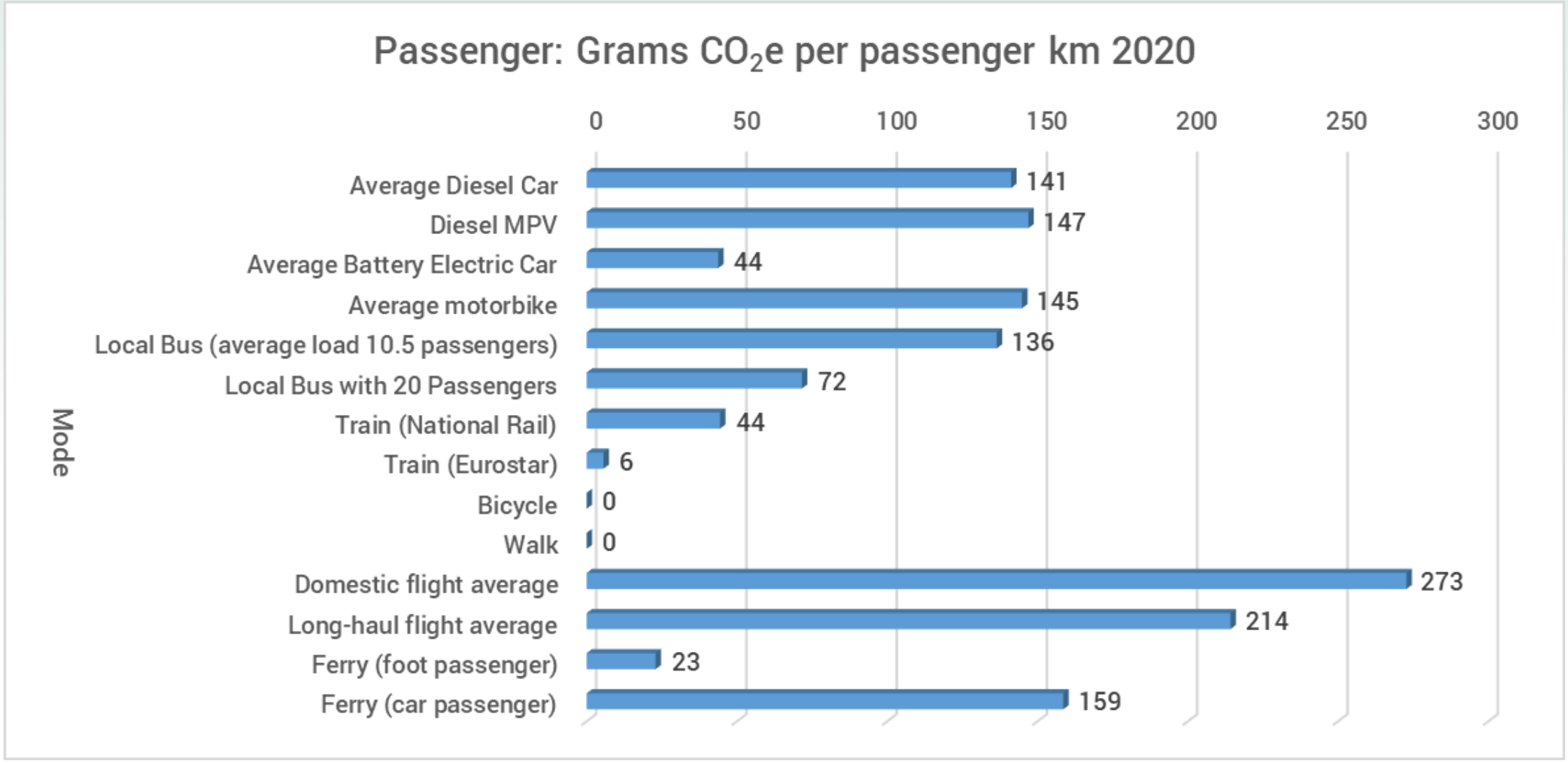
Short journeys matter



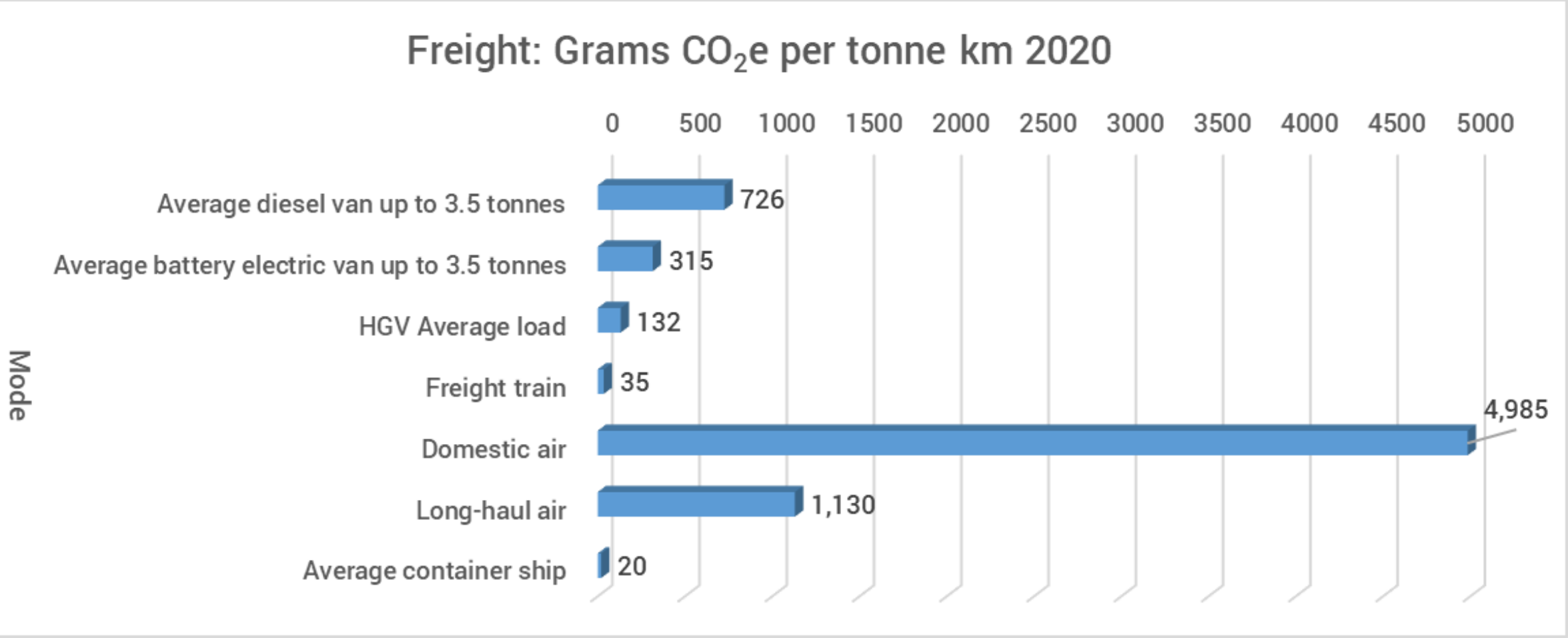
Mode Share


Trips Per Person Per Year by Winchester District Residents by Transport Mode
500
450
400
350
300
250
200
150
100
50
0
460
238
252
23
11
23
Trips per person 2018/ 2019
Bus
Car/van driver
Car/van passenger
Walk
Bicycle
Train

How passenger transport modes compare



How freight transport modes compare



What can we do to reduce carbon emissions?

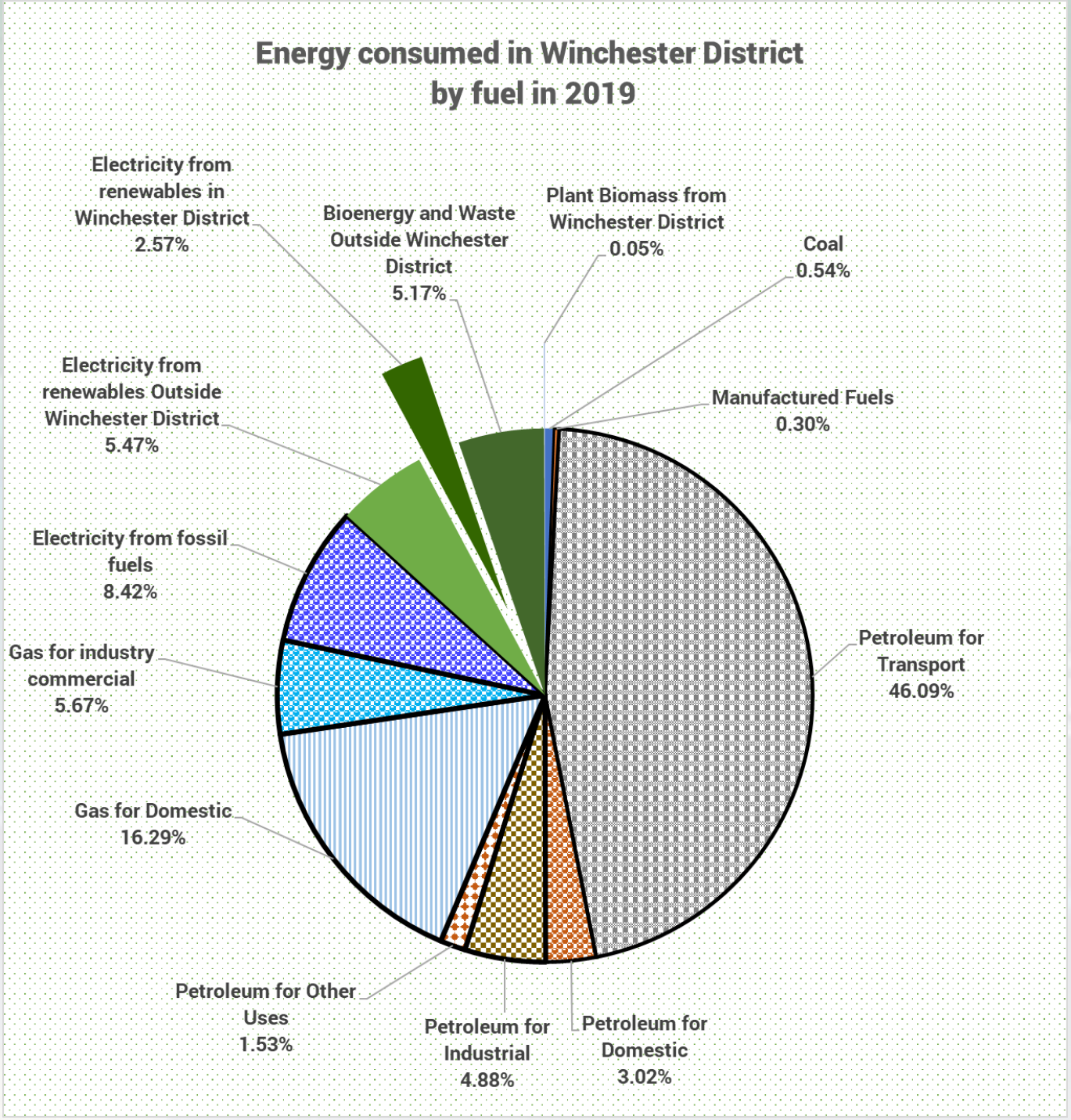
WinACC

Electric Cars?

- Better than diesel/petrol
- Not emission-free – running and manufacture
- Car clubs
- Need for more green electricity …

WinACC

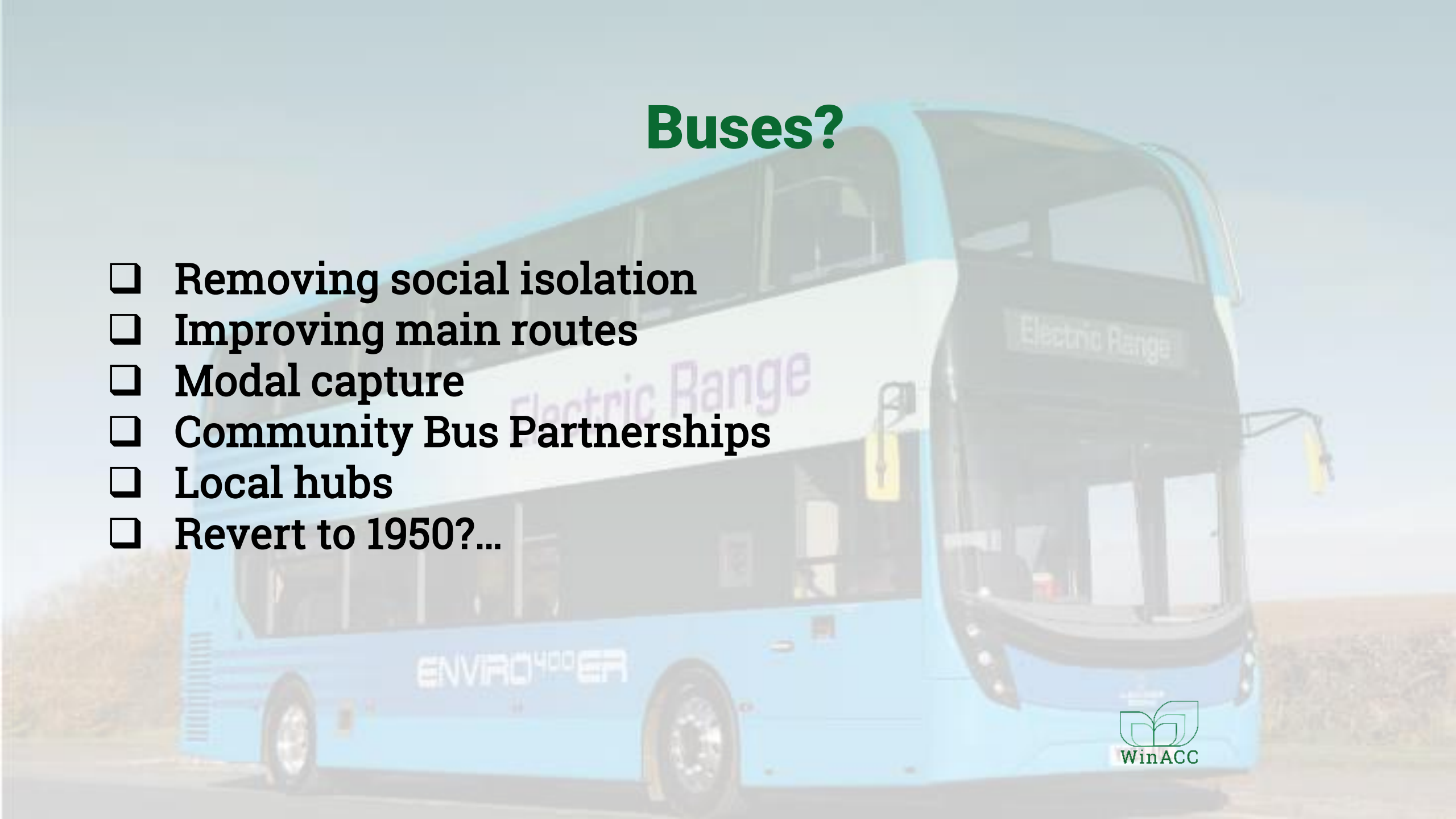
Energy consumed in Winchester District by fuel in 2019



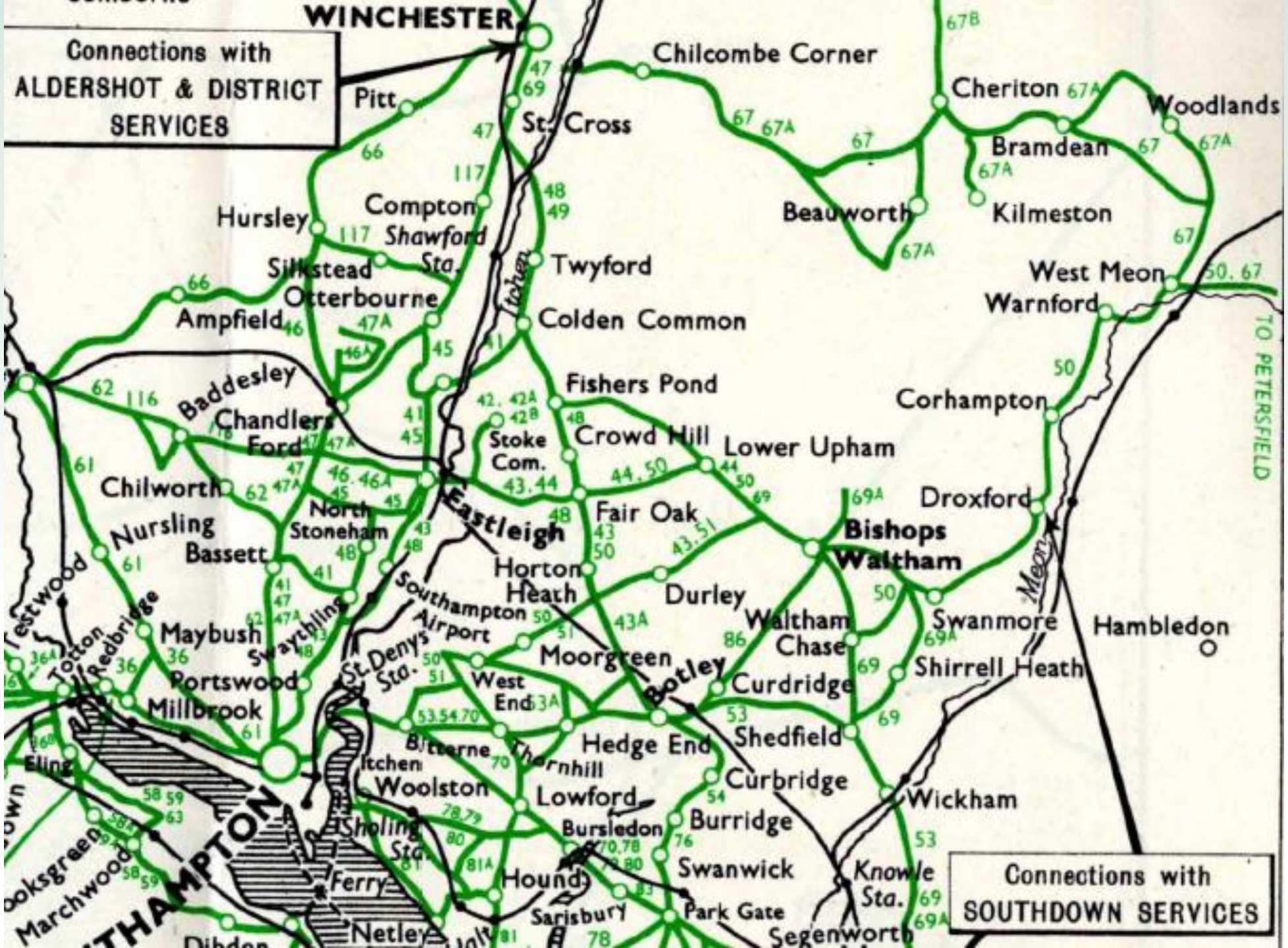
WinACC

Buses?

- Removing social isolation
- Improving main routes
- Modal capture
- Community Bus Partnerships
- Local hubs
- Revert to 1950?...



WinACC


WINCHESTER
Connections with ALDERSHOT & DISTRICT SERVICES
Pitt
St. Cross
Chilcombe Corner
Cheriton
Woodlands
Bramdean
Kilmeston
Beauworth
Hursley
Compton
Shawford Sta.
Twyford
Silkstead
Otterbourne
Ampfield
Colden Common
West Meon
Warnford
Corhampton
TO PETERSFIELD
Fishers Pond
Crowd Hill
Lower Upham
Stoke Com.
Baddesley
Chandlers Ford
Chilworth
Nursling
North Stoneham
Bassett
Eastleigh
Fair Oak
Droxford
Bishops Waltham
Horton Heath
Durley
Meon
Hambledon
Swanmore
Waltham Chase
Shirrell Heath
Curdridge
Botley
Moorgreen
West End
Southampton Airport
St. Denys Sta.
Maybush
Redbridge
Totton
Portswood
Millbrook
Swaythling
Hedge End
Shedfield
Curbridge
Wickham
Bitterne
Thornhill
Woolston
Lowford
Burridge
Bursledon
Swanwick
Knowle Sta.
Sholing Sta.
Ferry
Hounds
Sarisbury
Park Gate
Segenworth
Netley
Marchwood
Eling
Connections with SOUTHDOWN SERVICES

PETERSFIELD—SOUTHAMPTON.
BISHOP'S WALTHAM—DURLEY—SOUTHAMPTON.

50
51

		NSu	§	NSu	NSu	NSu	NSu	NSu	NSu	X NSu	NSu	NSu		NSu	X										
Petersfield (Square)	dep	...	...	6 50	7 12	...	...	...	...	8 0	8 24	8 55	9 30	...	10 0	1055	...	...	12 0	1255	...	...			
Stroud (Post Office)	„	...	...	6 58	7 20	...	...	...	...	8 8	8 32	9 3	9 38	...	10 8	11 3	...	...	12 8	1 3	...	...			
Langrish (Post Office)	„	...	...	7 2	7 24	...	...	...	...	8 12	8 36	9 7	9 42	...	1012	11 7	...	...	1212	1 7	...	...			
East Meon	„	...	...	7 10	7 32	...	...	...	...	8 20	...	9 15	9 50	...	1020	1115	...	...	1220	1 15	...	...			
Drayton	„	...	...	7 14	7 36	...	...	...	...	8 24	...	9 19	9 54	...	1024	1119	...	...	1224	1 19	...	...			
West Meon (New Inn)	„	...	...	7 20	7 42	...	...	...	...	8 30	...	9 25	10 0	...	1030	1125	...	...	1230	1 25	...	...			
Warnford (The George Inn)	„	...	...	7 25	A	...	...	...	...	8 35	...	A	A	...	1035	A	...	...	1235	A	...	...			
Corhampton (Post Office)	„	...	...	7 33	——	...	...	...	...	8 43	...	——	——	...	1043	——	...	...	1243	——	...	...			
Droxford (Fire Station)	„	...	...	7 40	...	...	...	...	...	8 50	...	Stop	Stop	...	1050	Stop	...	...	1250	Stop	...	...			
Swanmore (Church)	„	...	6 27	7 47	...	†	...	...	...	8 57	...	...	...	...	1057	...	...	...	1257	...	D	...			
Bishop's Waltham	„	...	6 35	7 55	...	7 58	...	...	...	9 5	...	...	1011	...	11 5	...	1211	...	1 5	...	2 11	...			
Durley (Robin Hood)	„	...	6 42	...	...	...	...	...	9 3	...	...	...	1018	...	...	...	1218	...	...	...	2 18	...			
Durley (May's Corner)	„	...	6 44	...	...	...	...	...	9 5	...	...	...	1020	...	...	...	1222	...	...	...	2 20	...			
Lower Upham (Alma Inn)	„	...	...	...	...	...	...	...	...	9 13	...	...	...	...	1113	...	...	...	1 13	...	...	...			
Fair Oak (Square)	„	...	...	...	...	...	...	...	...	9 20	...	...	...	...	1120	...	...	...	1 20	...	...	...			
Horton Heath (Post Office)	„	...	...	...	...	...	...	...	...	9 22	...	...	...	...	1122	...	...	...	1 22	...	...	...			
Horton Hth. (Denham's Cr.)	„	...	6 49	...	...	...	...	...	9 10	9 25	...	...	1025	...	1125	...	1225	...	1 25	...	2 25	...			
Moorgreen (Soton Arms)	„	...	6 53	...	§	...	...	8 54	9 14	9 29	...	...	1029	...	1129	NSu	1229	...	1 29	...	2 29	...			
West End (Institute)	„	6 50	6 55	...	7 55	...	8 21	8 56	9 16	9 31	...	10 1	1031	11 1	1131	12 0	1231	1 1	1 31	2 1	2 31	3 1			
Thornhill (Post Office)	„	...	...	...	8 3	...	...	...	...	...	...	...	...	...	...	12 8	...	...	...	...	...	...			
Bitterne (Red Lion)	„	7 2	7 7	...	8 8	8 24	8 33	9 8	9 28	9 43	...	1013	1043	1113	1143	1213	1243	1 13	1 43	2 13	2 43	3 13			
Southampton (Bus Station)	arr	7 14	7 19	...	8 20	8 36	8 45	9 20	9 40	9 55	...	1025	1055	1125	1155	1225	1255	1 25	1 55	2 25	2 55	3 25			

Continued on next page.

YOU MAY RETURN FROM PETERSFIELD TO SOUTHAMPTON VIA WINCHESTER
(see Service 47)

PETERSFIELD—SOUTHAMPTON.

BISHOP'S WALTHAM—DURLEY—SOUTHAMPTON.

50
51

		X				X				X					X		
Petersfield (Square) ...	**dep**	2 0	2 55	...	...	4 0	5 20	...	5 45	6 0	6 55	8 55	...	8 0	9 0	1030	
Stroud (Post Office) ...	„	2 8	3 3	...	...	4 8	5 28	...	5 53	6 8	7 3	9 3	...	8 8	9 8	1038	
Langrish (Post Office) ...	„	2 12	3 7	...	...	4 12	5 32	...	5 57	6 12	7 7	9 7	...	8 12	9 12	1042	
East Meon	„	2 20	3 15	...	...	4 20	5 40	...	6 5	6 20	7 15	9 15	...	8 20	9 20	1050	
Drayton	„	2 24	3 19	...	...	4 24	5 44	...	6 9	6 24	7 19	9 19	...	8 24	9 24	1054	
West Meon (New Inn) ...	„	2 30	3 25	...	...	4 30	5 50	...	6 15	6 30	7 25	9 25	...	8 30	9 30	11 0	
Warnford (The George Inn)	„	2 35	A	...	...	4 35	A	...	A	6 35	A	A	...	8 35	9 35	——	
Corhampton (Post Office)	„	2 43	——	...	...	4 43	——	...	——	6 43	——	——	...	8 43	9 43	Stop	
Droxford (Fire Station) ...	„	2 50	Stop	...	...	4 50	Stop	...	Stop	6 50	Stop	Stop	...	8 50	9 50	...	
Swanmore (Church) ...	„	2 57	...	...	...	4 57	...	...	...	6 57	...	...	...	8 57	9 57	...	
Bishop's Waltham ...	„	3 5	...	4 11	...	5 5	...	6 15	...	7 5	8 15	...	9 45	9 5	10 5	...	
Durley (Robin Hood) ...	„	...	...	4 18	...	...	...	6 22	...	...	8 22	...	9 52	...	...	...	
Durley (May's Corner) ...	„	...	...	4 20	...	...	...	6 24	...	...	8 24	...	9 54	...	...	...	
Lower Upham (Alma Inn)	„	3 13	...	...	...	5 13	...	...	...	7 13	...	...	...	9 13	1013	...	
Fair Oak (Square) ...	„	3 20	...	...	...	5 20	...	...	...	7 20	...	...	...	9 20	1020	...	
Horton Heath (Post Office)	„	3 22	...	...	...	5 22	...	...	...	7 22	...	...	...	9 22	1022	...	
Horton Hth. (Denham's Cr.)	„	3 25	...	4 25	...	5 25	...	6 29	...	7 25	8 29	...	9 59	9 25	1025	...	
Moorgreen (Soton Arms) ..	„	3 29	...	4 29	...	5 29	...	6 33	...	7 29	8 33	...	10 3	9 29	1029	...	
West End (Institute) ...	„	3 31	4 1	4 31	5 0	5 31	5 46	6 35	7 1	7 31	8 35	9 1	10 5	9 31	1031	...	
Thornhill (Post Office) ...	„	...	...	...	5 8	...	...	...	...	...	...	...	...	...	...	...	
Bitterne (Red Lion) ...	„	3 43	4 13	4 43	5 13	5 43	5 58	6 47	7 13	7 43	8 47	9 13	1017	9 43	1043	...	
Southampton (Bus Station)	**arr**	3 55	4 25	4 55	5 25	5 55	6 10	6 59	7 25	7 55	8 59	9 25	1029	9 55	1055	...	

D—Daily including Sundays.

§—Workpeople's journey, subject to variation or cancellation.

A—To or from Winchester, Service No. 67.

X—Bus will wait up to two minutes for arrival of Southdown bus from Soberton but connection is not guaranteed.

NSu—Not Sundays.

†—Operated by Service 86.

Now

West Meon - Waterlooville

Meon Valley Community Bus Association

MV2

Fourth Friday of each month

	PB
West Meon o/s The Thomas Lord	0900
Warnford adj Village Hall	0903
Exton o/s The Shoe Inn	0908
Meonstoke adj Corhampton Stores	0910
Meonstoke adj Pound Cottages	0914
Droxford Square	0921
Brockbridge opp The Hurdles	0925
Soberton Village Hall	0929
Soberton War Memorial	0933
Soberton Heath opp Chapel Pond	0936
Soberton Heath nr Bold Forester	0938
Newtown opp Rookesbury Hall	0940
Waterlooville Waitrose	0957
Waterlooville nr Sainsbury	arr 1005
Waterlooville nr Sainsbury	dep 1200
Waterlooville nr Library	1205

CODE: **PB** - Pre-booking on 01489 877499 required

31.10.22

WinACC

Cycling?

- Safe routes
- Through routes
- School routes
- Bus stop safe parking
  - Swanmore, West Meon
- Traffic reduction
- LCWIP
  - “in development”

WinACC

Walking?

- Safe routes
- Through routes
- School routes
- Bus stop safe access
- Public Footpaths: maintenance, lost paths, rights of way
- Traffic reduction
- LCWIP
  - “in development”

WinACC

Low Traffic Rural Neighbourhoods?

- ❑ Remove rural rat-runs
- ❑ Village quiet zones
- ❑ Single entry/exit to each zone
- ❑ Bike and walking ‘gates’
  - E.g. Garnier Road

WinACC

Who can make changes?

- ❑ Individuals
- ❑ Parish councils
- ❑ District Council (WCC)
- ❑ County Council (HCC)
- ❑ National Government

WinACC

Winchester Action on the Climate Crisis

contactus@winacc.org.uk

www.winacc.org.uk

01962 827083

Main Campus, University of Winchester, Winchester SO22 4NR

@WinACC @WinACC @WinACC_