

Vale of the White Horse PPS

Data Tables Assessment Summary

January, 2024

HOCKEY

This document is not a draft assessment report. The following maps and tables set out the information needed to produce a pitch assessment for hockey from the data gathered to date during Stage B.

Most data was collected between winter 2022 and summer 2023.

Selecting a heading below will allow the reader to “jump” to that map or table. The tables are set out in a logical fashion. All table headings are collapsed (in the Word version) to condense the size of the document, so to access the data in blue heading sections, click on the black triangle to the left of the heading to open and view.

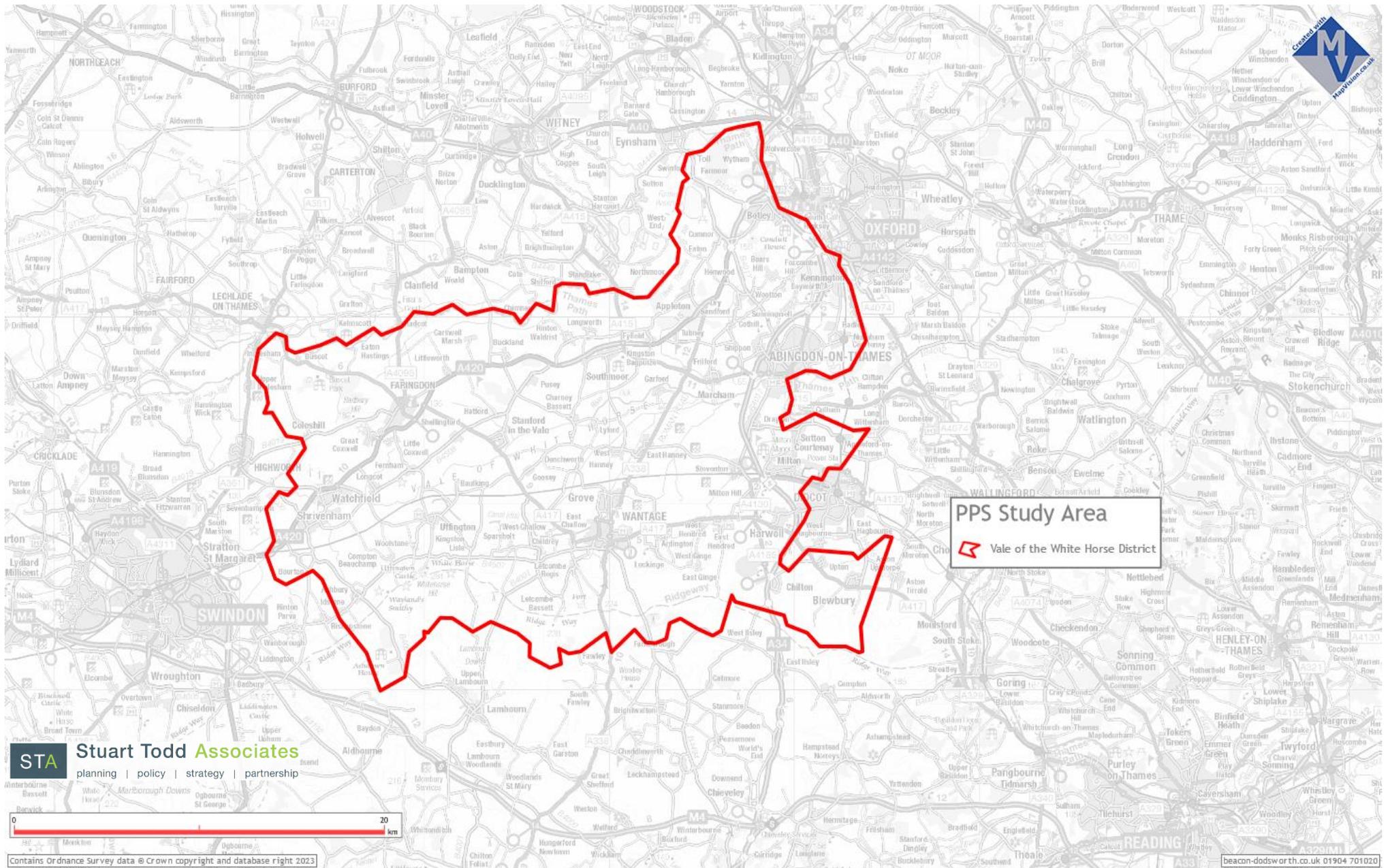
Contents

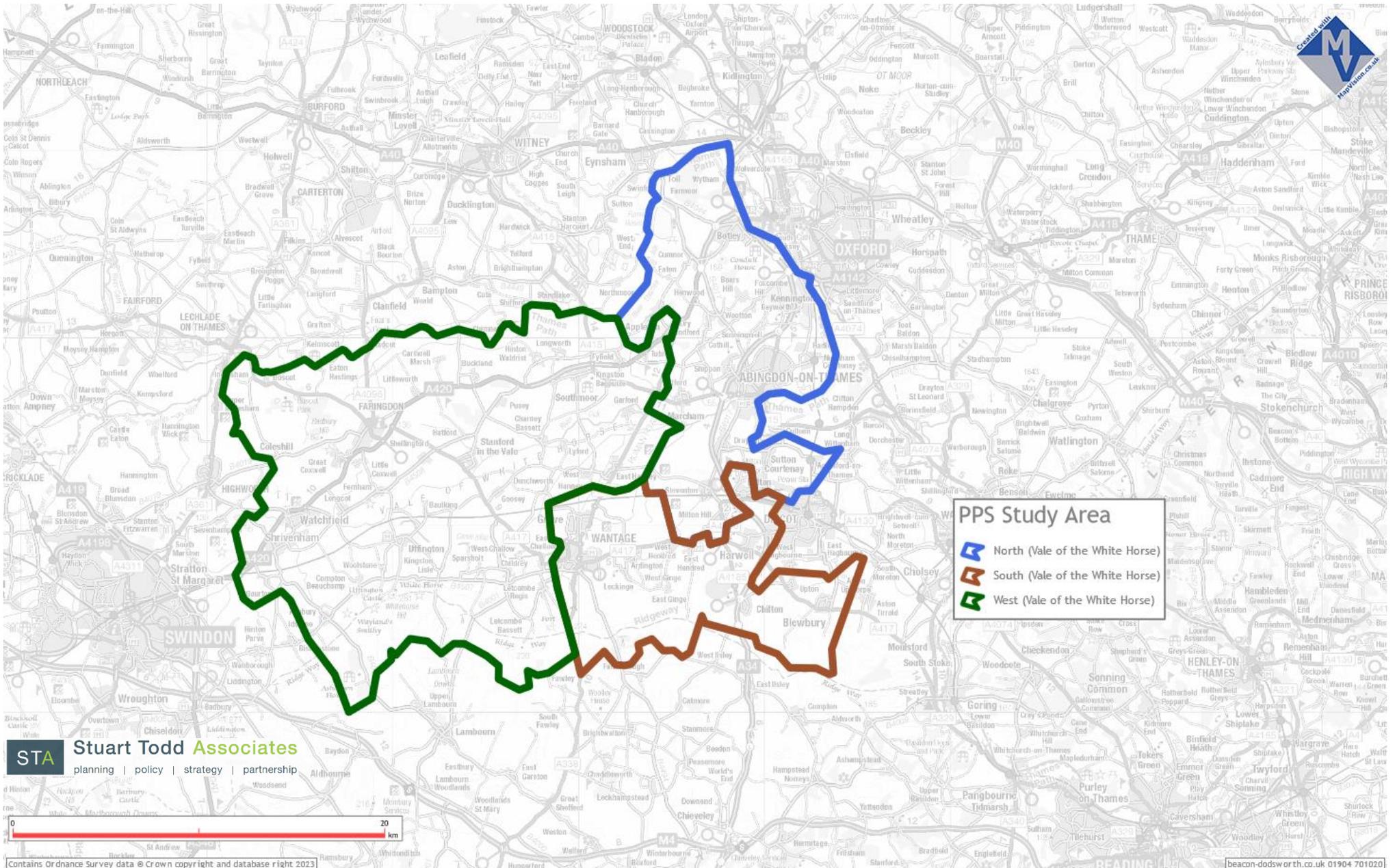
1. SUPPLY	3	j) Grass Hockey Pitches (not supported by England Hockey for club use)	26	s) Number of players at clubs	37
2. CONTEXT	4	k) Key (Grass Hockey Pitches).....	28	t) Demand community use.....	38
a) Sub-areas and study area.....	4	3. OWNERSHIP / MANAGEMENT CLUB HOME GROUNDS.....	29	u) Demand summary.....	39
b) Indices of Multiple Deprivation 2019 (IMD)	10	4. SECURITY OF USE.....	29	v) Supply / demand balance community use: AGPs	41
c) Housing Allocation Sites.....	14	5. QUALITY & KEY ISSUES	30	w) Displaced, unmet, latent demand – club comments.....	42
d) All pitches (AGP – sand/water-based) 16		l) Quality community use	30	x) Aspirational Future Growth	44
e) Catchment Areas – 20 minute drive-time from full size community use sand/water-based pitches	18	m) Quality Audit Site Visit Notes	30	y) Playing Pitch Calculator.....	45
f) Catchment Areas – 5.5km / 20 minute cycle	20	n) Parking and Cycle Provision.....	30	North Sub-Area	47
g) AGP Key.....	22	o) Other Key Issues	32	Dalton Barracks Housing Allocation (c.1,200 dwellings) .. Error! Bookmark not defined.	
h) Club Home Grounds.....	23	6. CAPACITY	33	South Sub-Area	49
i) Main Home Ground Locations and Catchments	24	p) Carrying capacity unsecure community use	33	West Sub-Area	50
		7. DEMAND.....	34	z) Comparing Current Supply, Demand and Future Projected Demand.....	52
		q) Number of teams – sub-areas	35		
		r) Team / club names and home grounds	36		

1. SUPPLY

2. CONTEXT

a) **Sub-areas and study area**

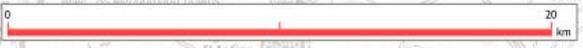




PPS Study Area

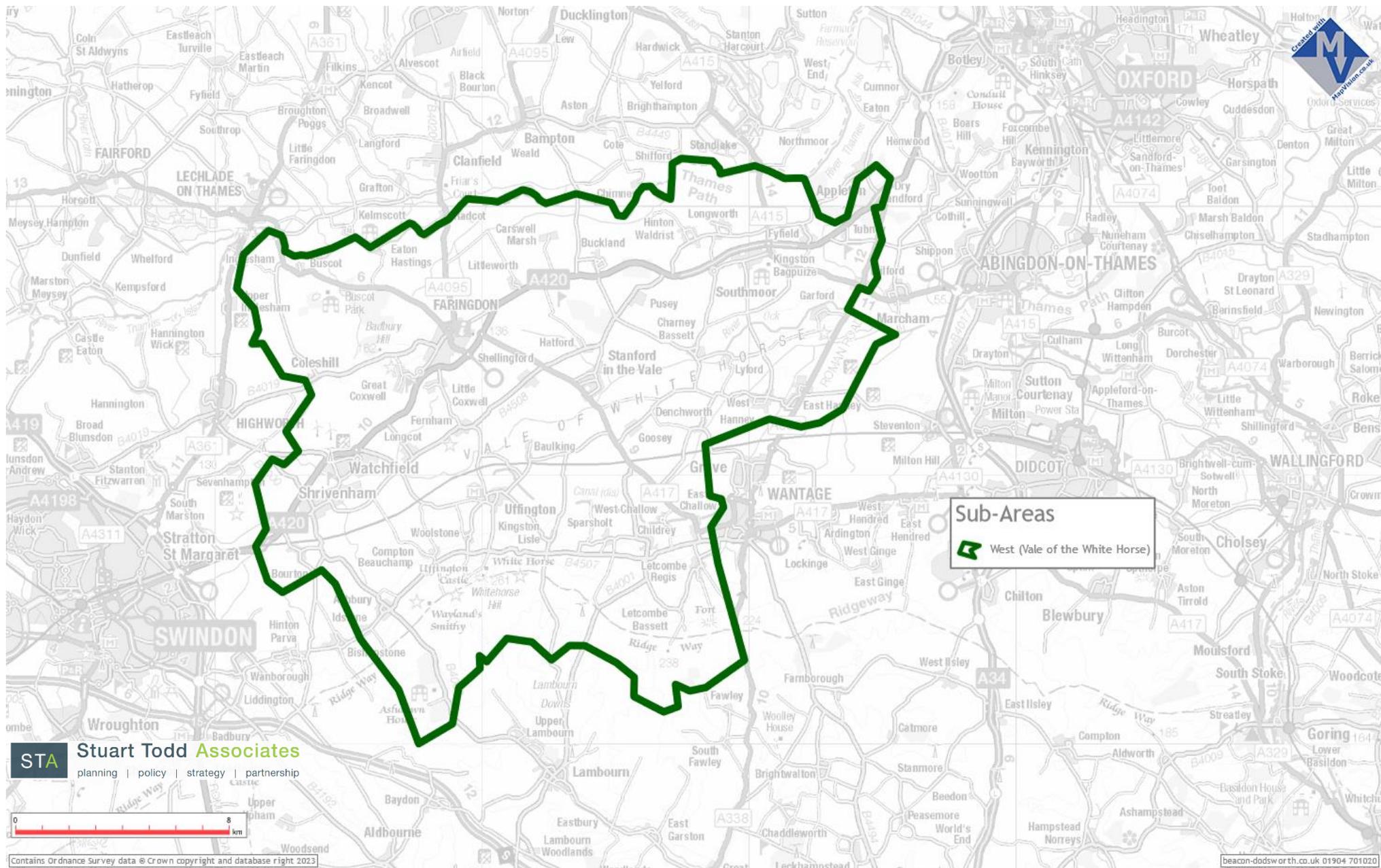
-  North (Vale of the White Horse)
-  South (Vale of the White Horse)
-  West (Vale of the White Horse)

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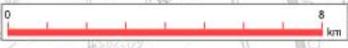


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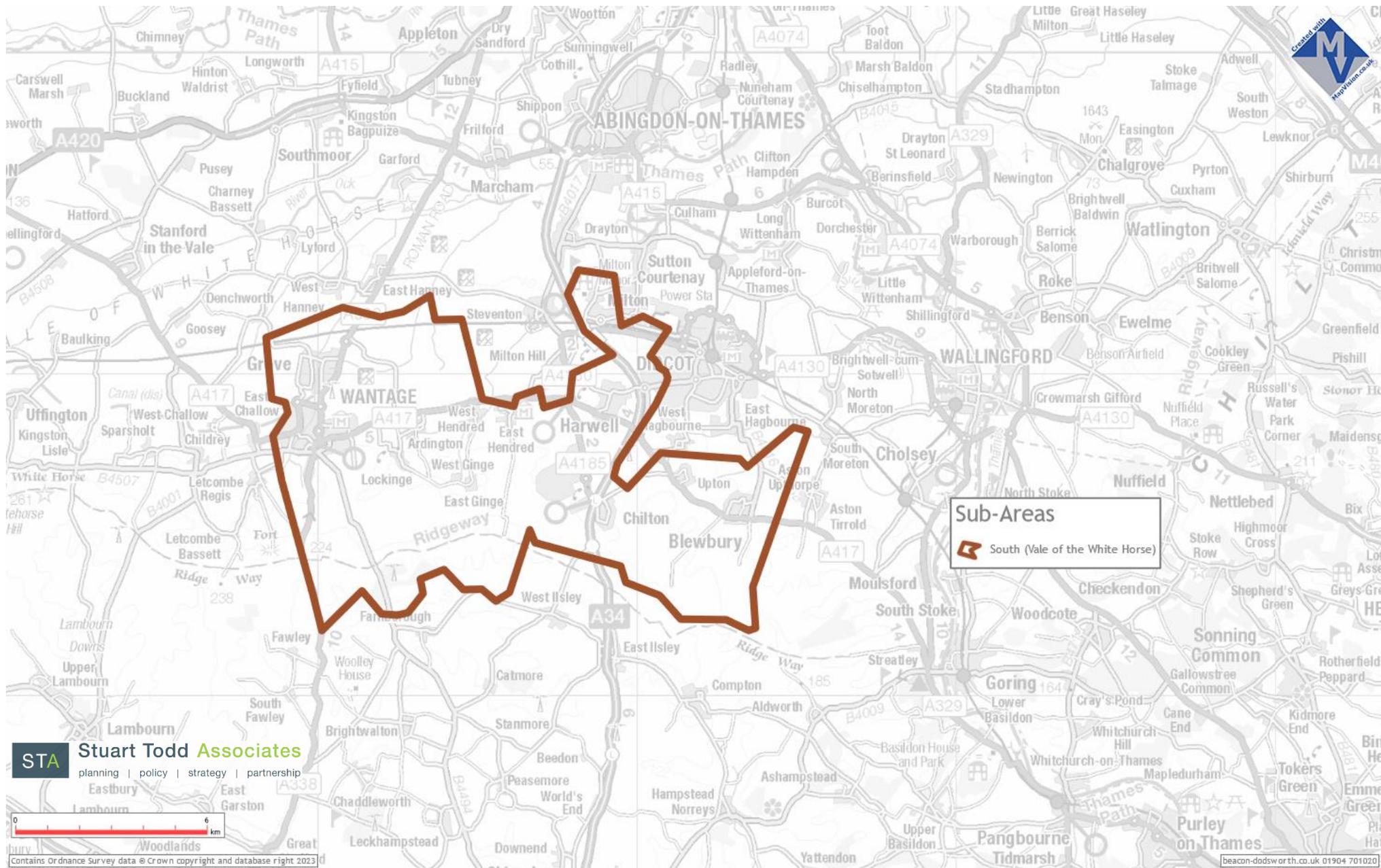


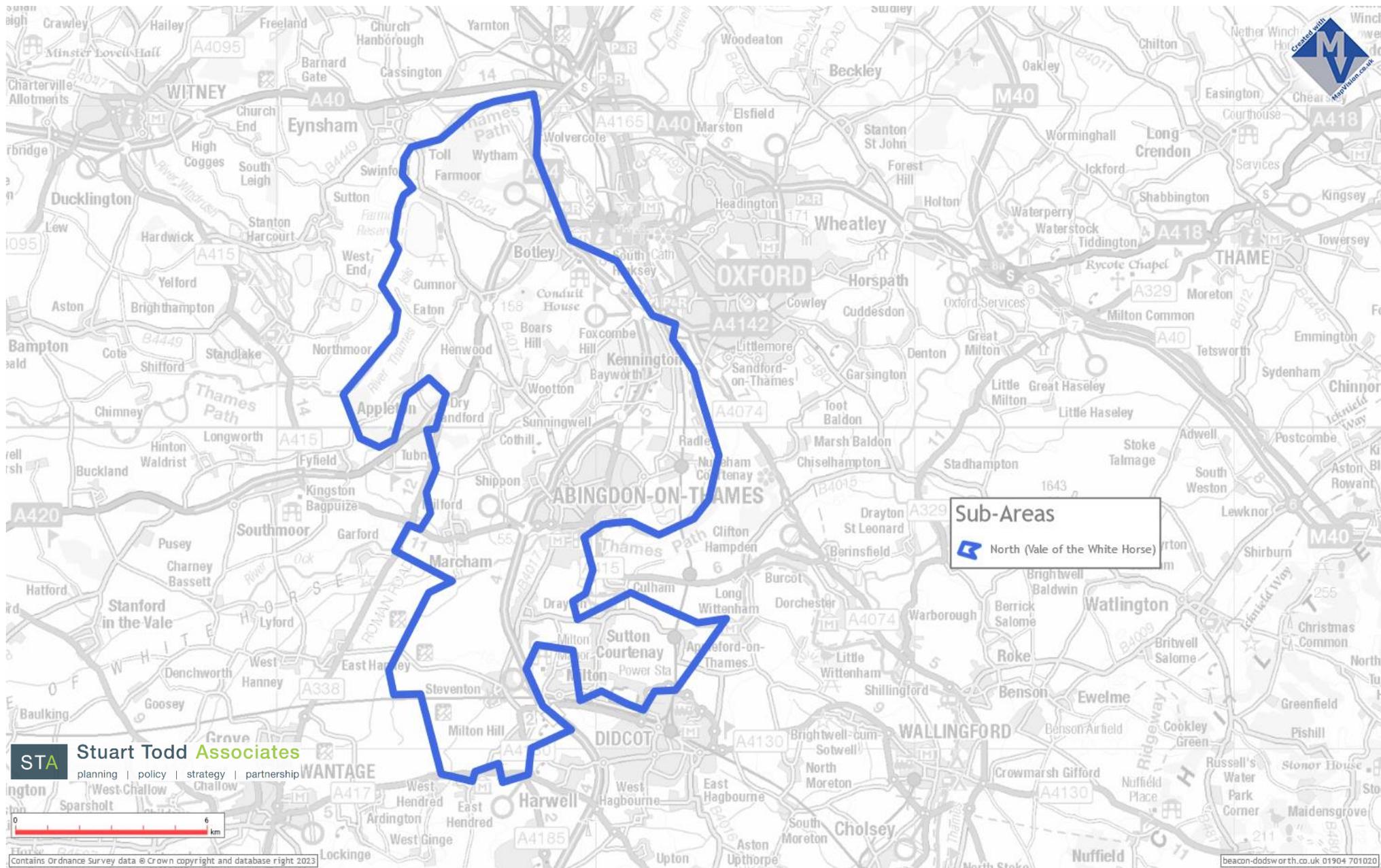
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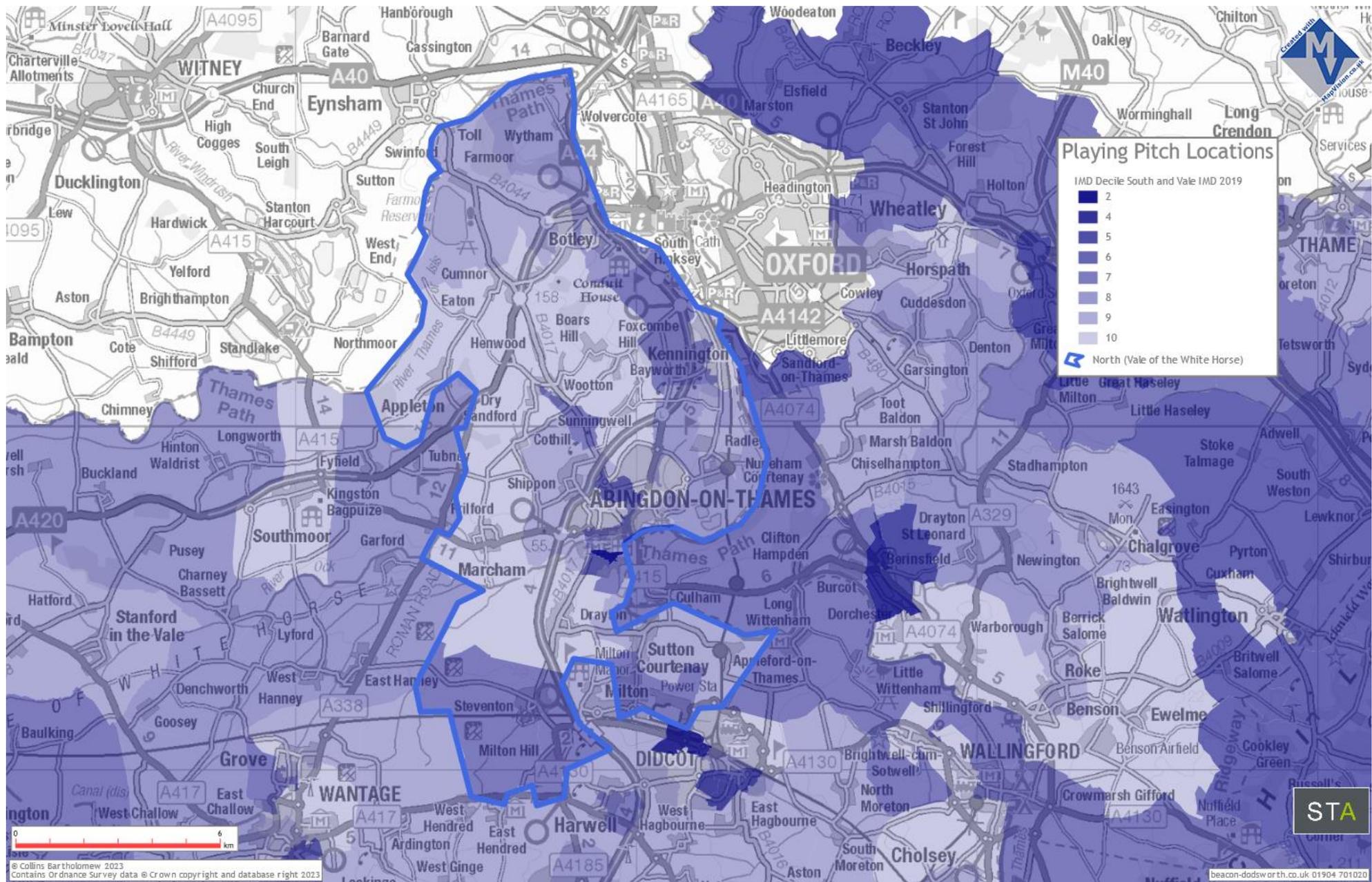
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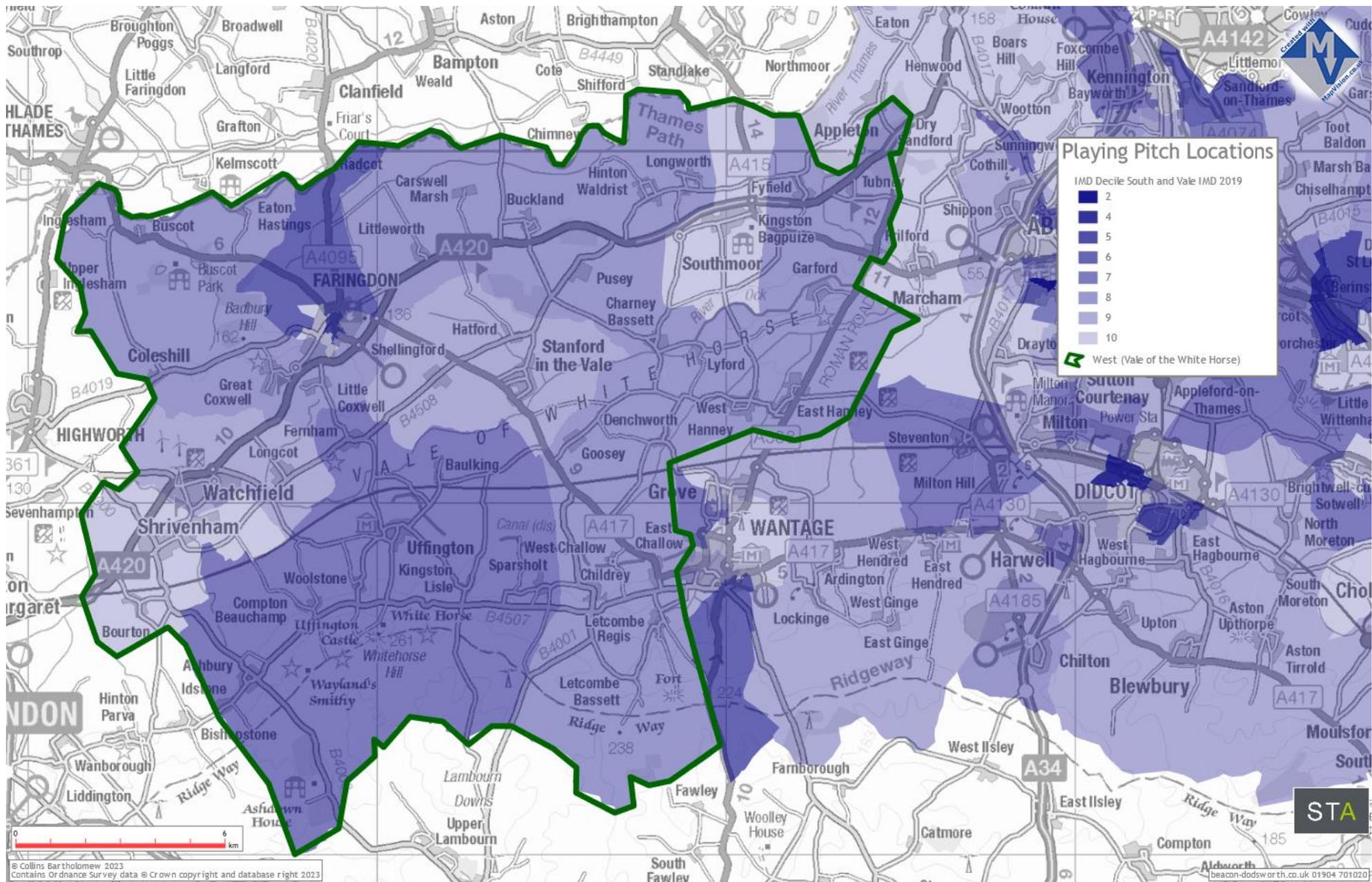
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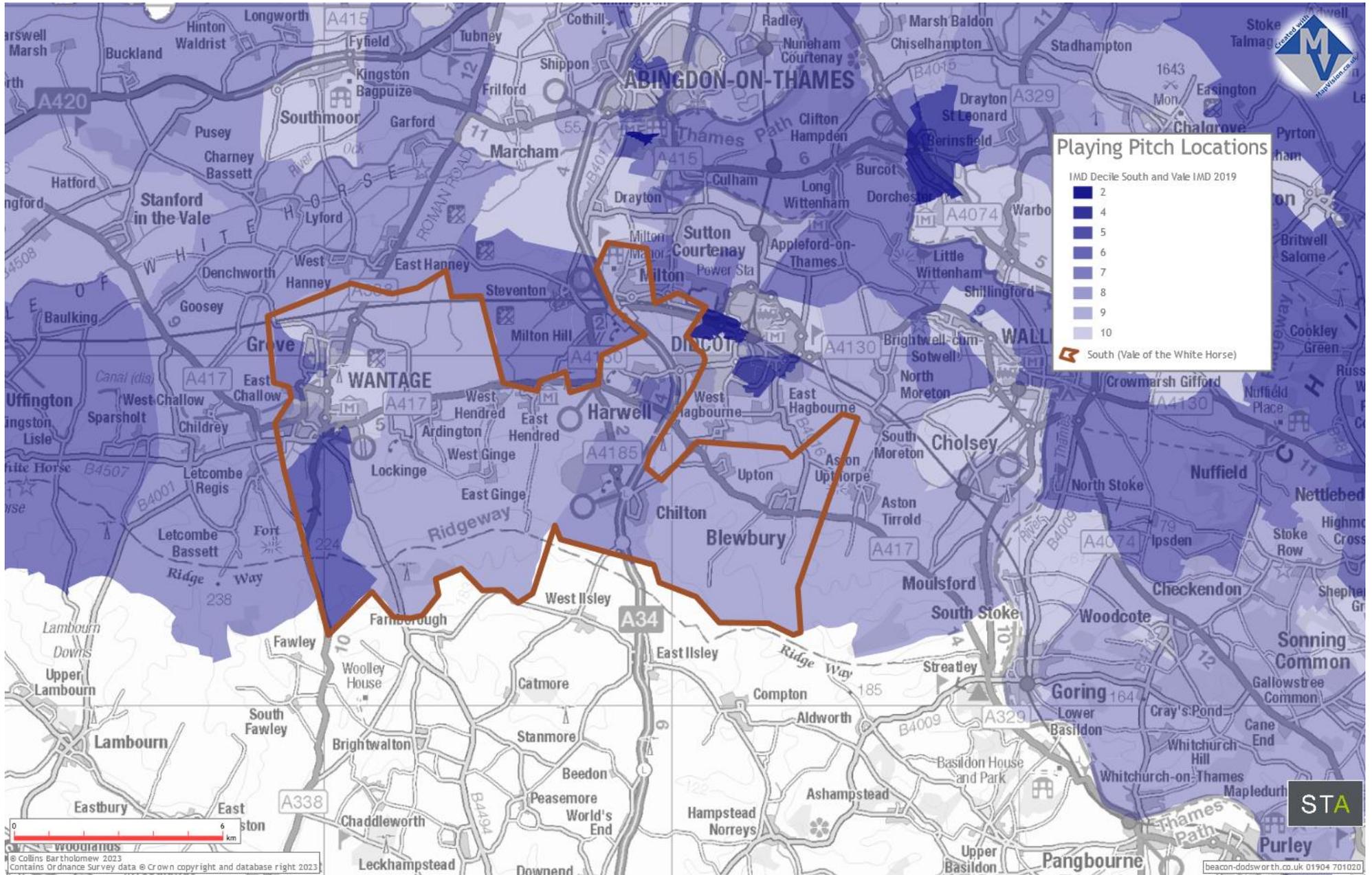




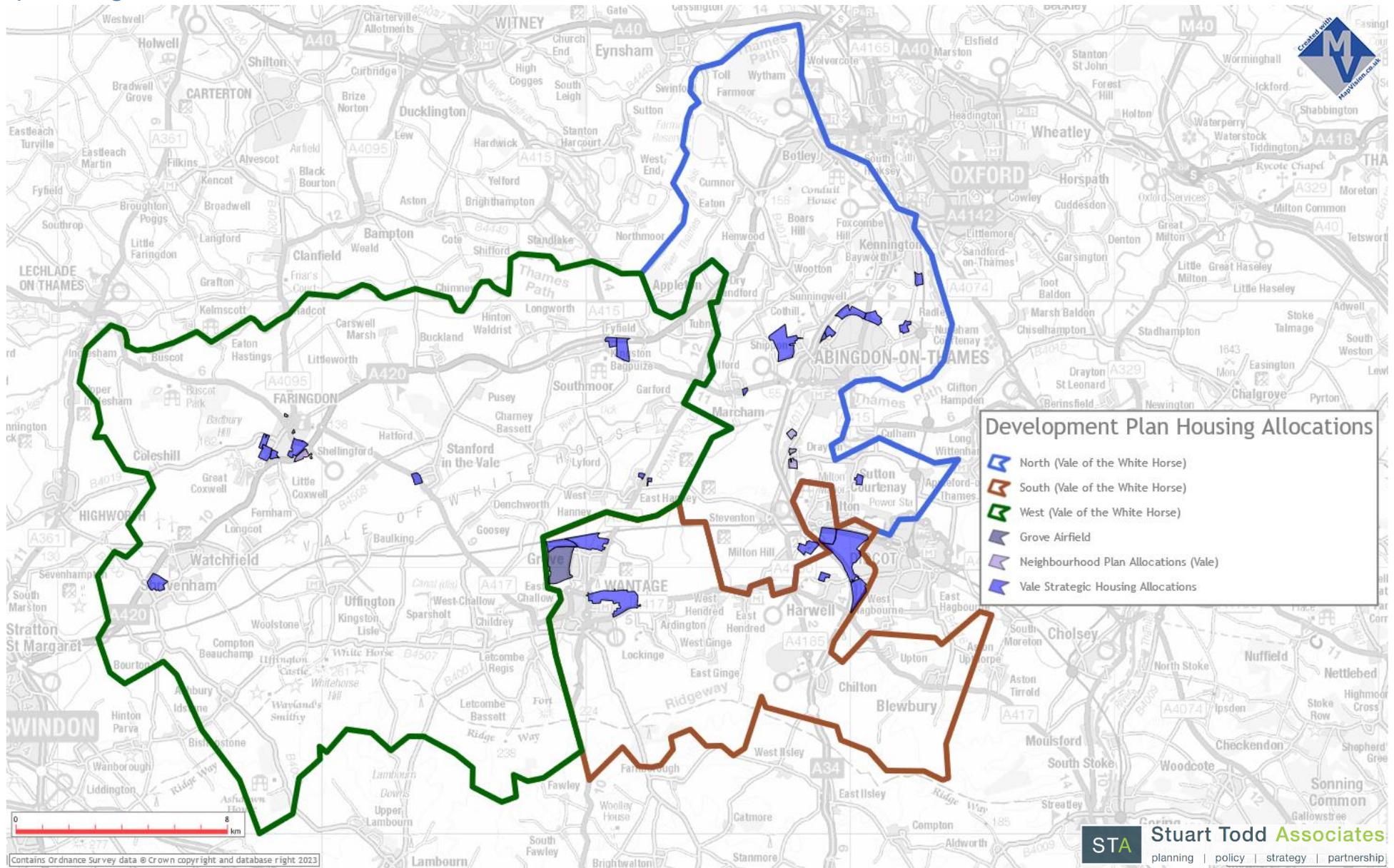
b) Indices of Multiple Deprivation 2019 (IMD)

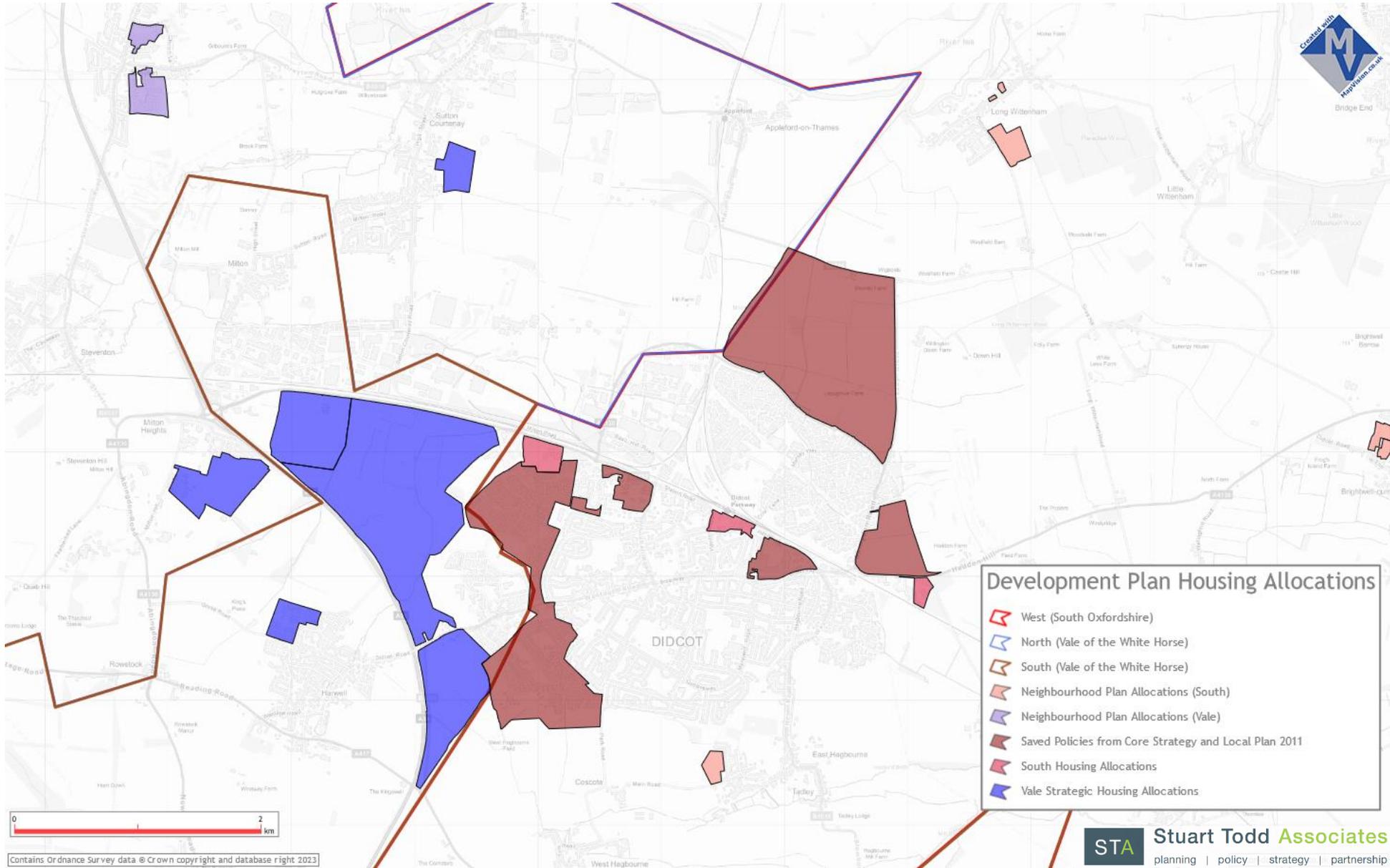




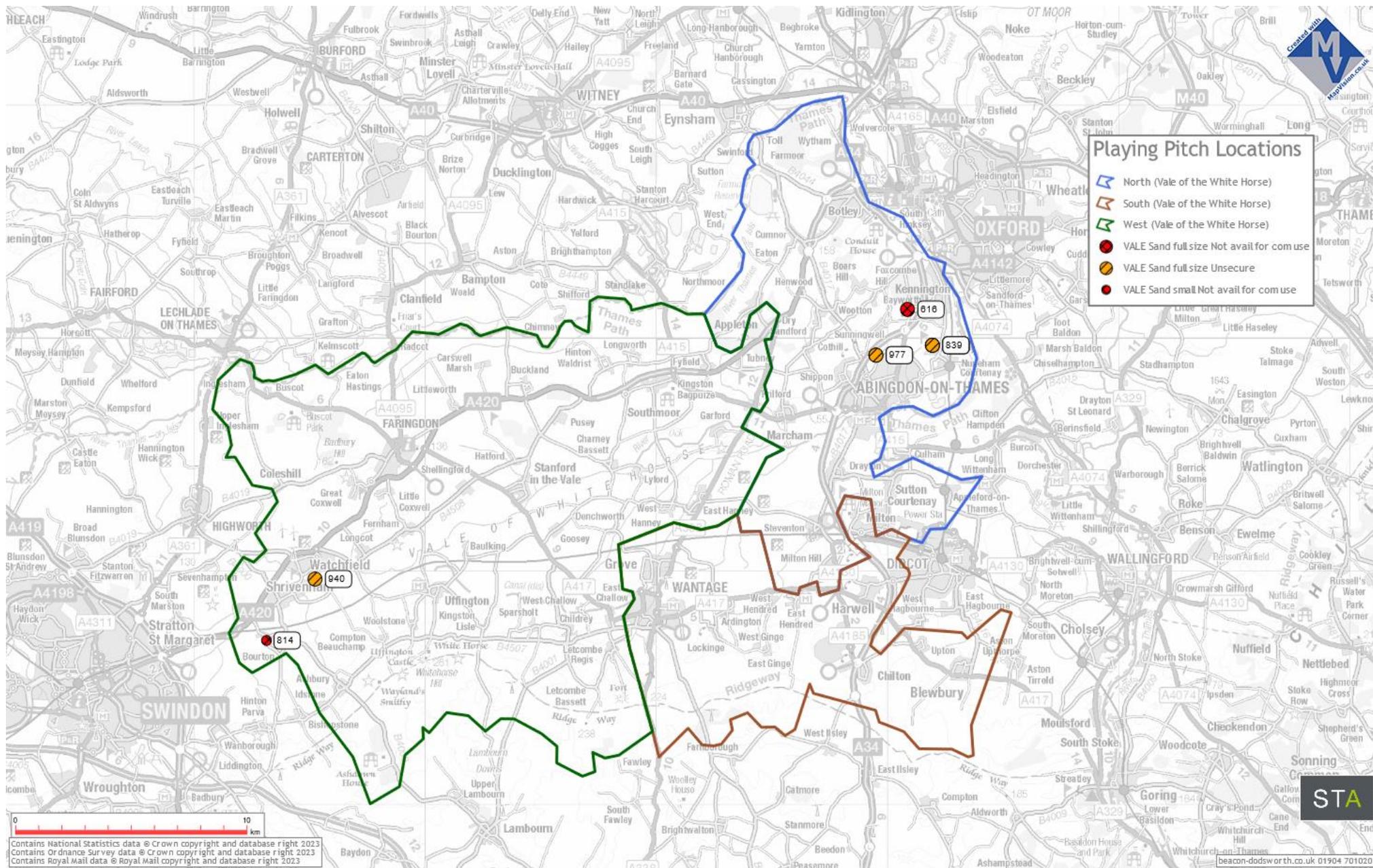


c) Housing Allocation Sites

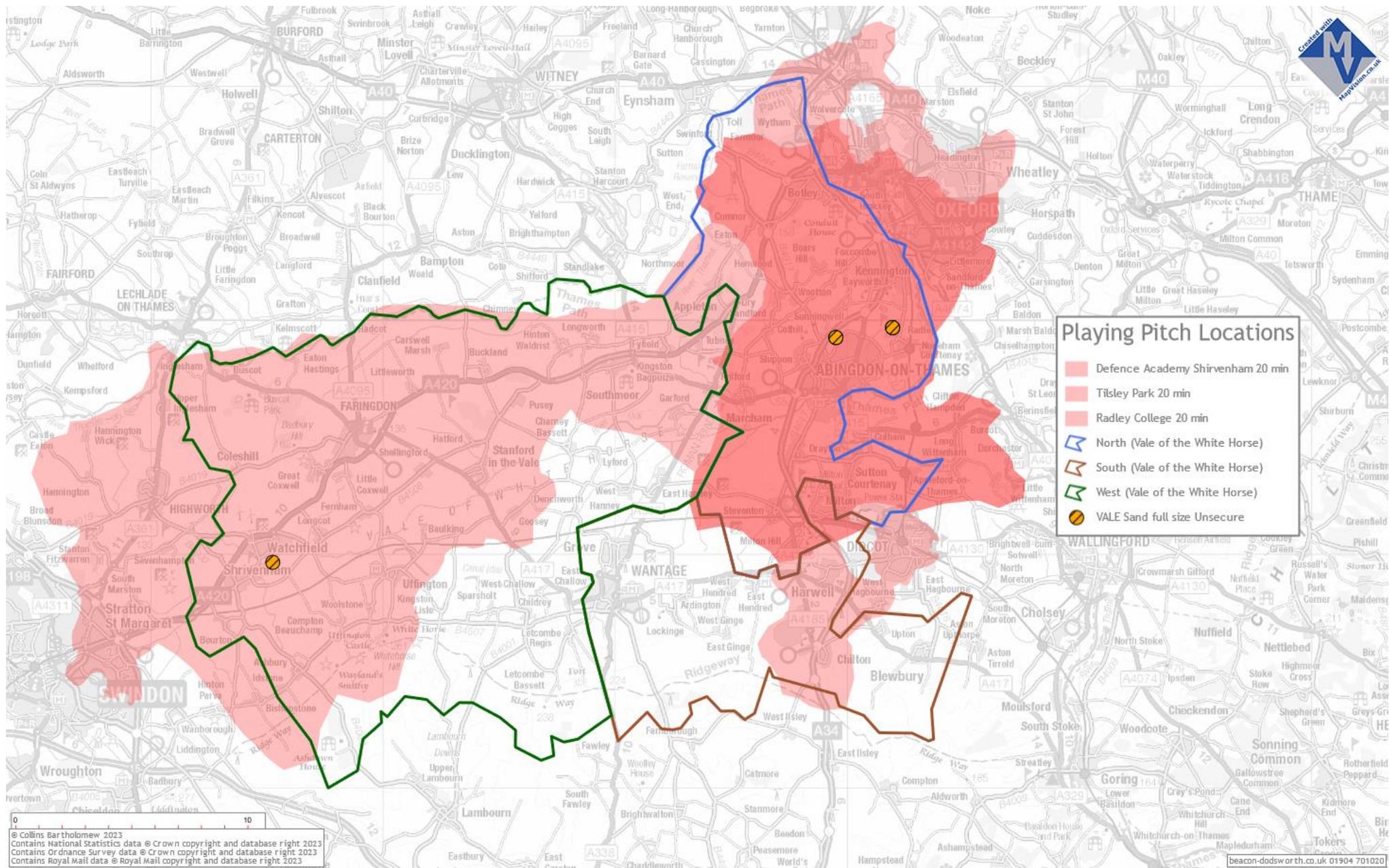




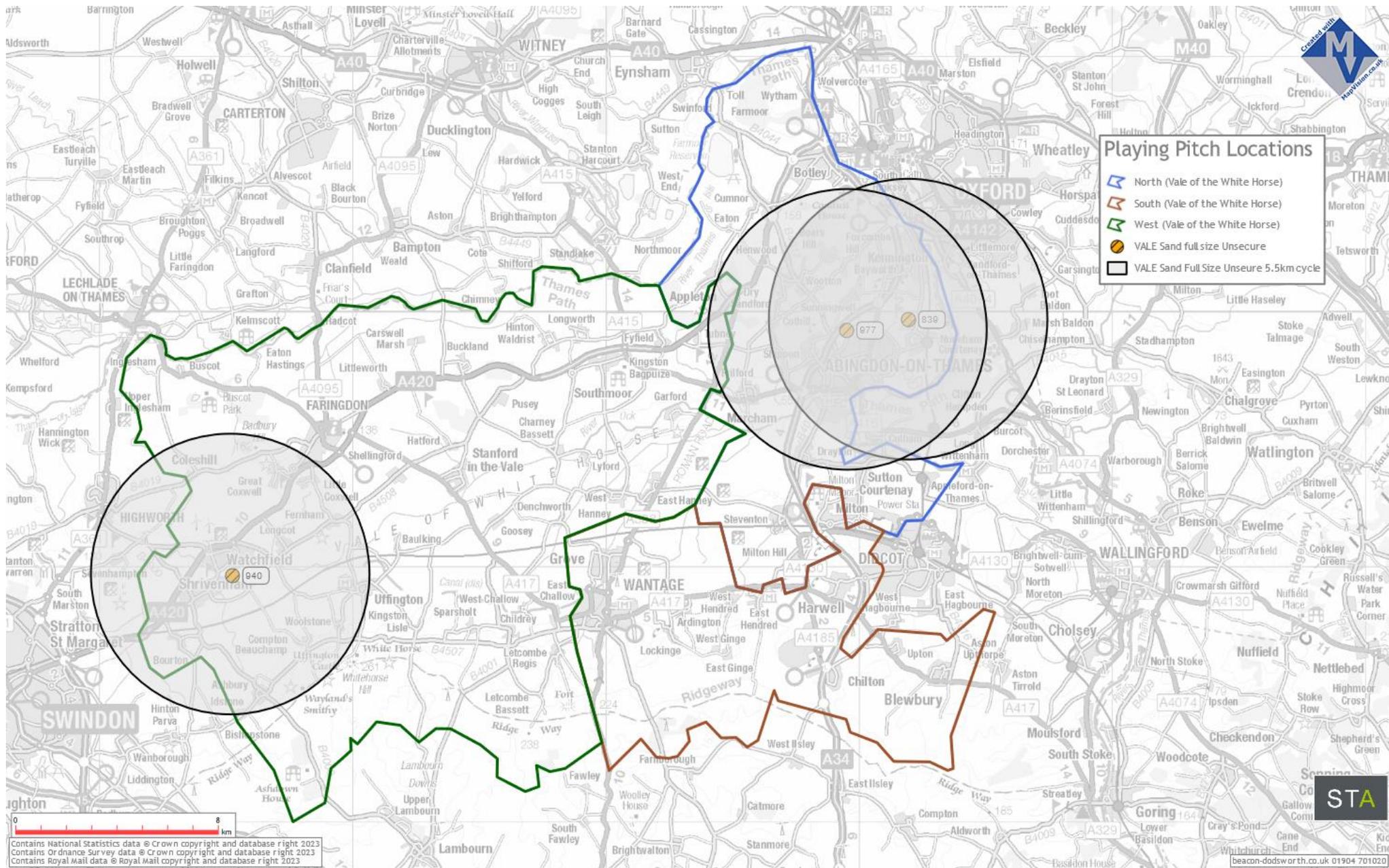
d) All pitches (AGP – sand/water-based)



e) Catchment Areas – 20 minute drive-time from full size community use sand/water-based pitches



f) Catchment Areas – 5.5km / 20 minute cycle



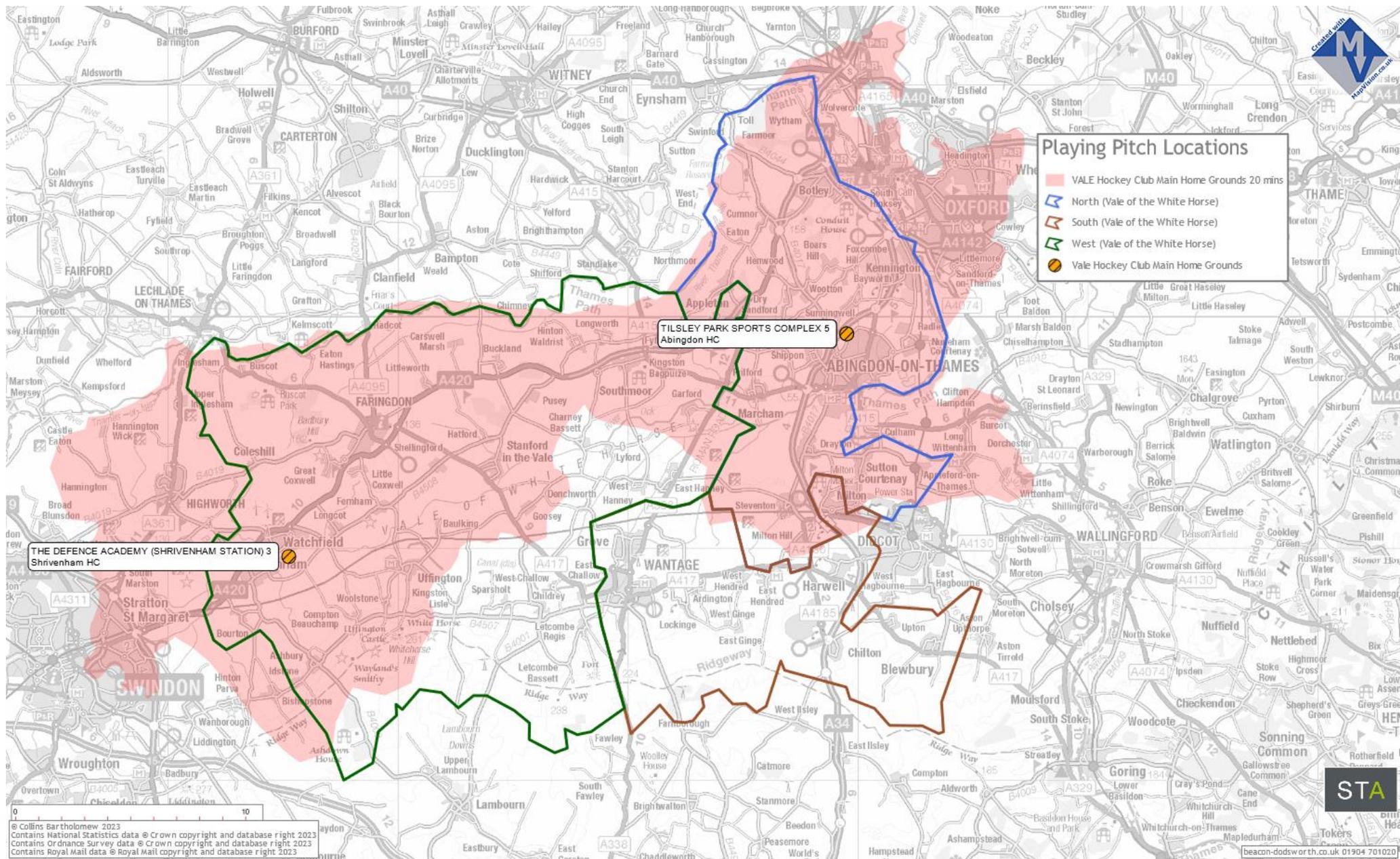
g) AGP Key

Pitch Ref No.	Pitch Name	Site Name	Also known as	Sub-area	Surface
616	CHANDLINGS SCHOOL 6	CHANDLINGS SCHOOL CHANDLINGS SCHOOL		North (Vale)	AGP - sand dressed
814	PINEWOOD SCHOOL 2	PINEWOOD SCHOOL		West (Vale)	AGP - sand filled
838	RADLEY COLLEGE SPORTS CENTRE 11	RADLEY COLLEGE SPORTS CENTRE		North (Vale)	AGP - sand dressed
839	RADLEY COLLEGE SPORTS CENTRE 12	RADLEY COLLEGE SPORTS CENTRE		North (Vale)	AGP - sand filled
840	RADLEY COLLEGE SPORTS CENTRE 13	RADLEY COLLEGE SPORTS CENTRE		North (Vale)	AGP - sand dressed
940	THE DEFENCE ACADEMY (SHRIVENHAM STATION) 3	THE DEFENCE ACADEMY (SHRIVENHAM STATION)		West (Vale)	AGP - sand filled
973	TILSLEY PARK SPORTS COMPLEX 5	TILSLEY PARK		North (Vale)	AGP - sand dressed
977	TILSLEY PARK SPORTS COMPLEX 6	TILSLEY PARK		North (Vale)	AGP - sand dressed
1067	ANSON FIELD 7	ANSON FIELD	Anson Trust Recreation Ground	North (Vale)	AGP -polymeric
1072	SHRIVENHAM PRIMARY SCHOOL	SHRIVENHAM PRIMARY SCHOOL		West (Vale)	AGP - sand filled

h) Club Home Grounds

Pitch Ref No.	Pitch Name	Site Name	Sport	Club	Sub-area	Sports lighting	AGP Length (m)	AGP Width (m)	AGP Area (sqm)	Small AGP?	Community use category	Security of community use	Notes
973	TILSLEY PARK SPORTS COMPLEX 5	TILSLEY PARK	Hockey and football	Abingdon HC	North (Vale)	Yes	90	53	4770	No	Available for community use and used	Unsecure	
977	TILSLEY PARK SPORTS COMPLEX 6	TILSLEY PARK	Hockey and football	Abingdon HC	North (Vale)	Yes	90	53	4770	No	Available for community use and used	Unsecure	
940	THE DEFENCE ACADEMY (SHRIVENHAM STATION) 3	THE DEFENCE ACADEMY (SHRIVENHAM STATION)	Hockey and football	Shrivenham HC	West (Vale)	Yes	90	54	4860	No	Available for community use and used	Unsecure	Used by MoD club but unlikely to be fully available for open community use.

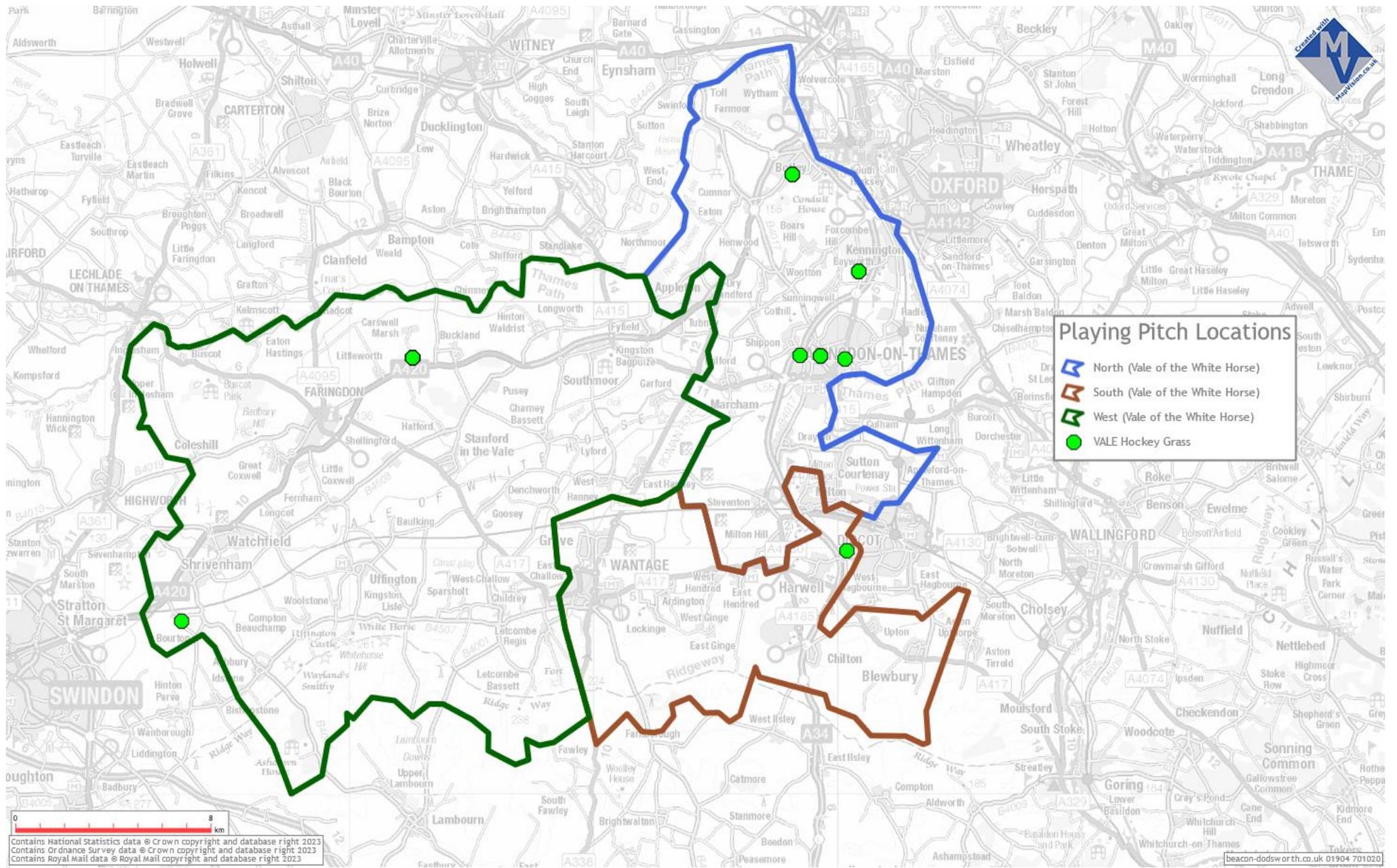
i) Main Home Ground Locations and Catchments



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j) Grass Hockey Pitches (not supported by England Hockey for club use)



k) Key (Grass Hockey Pitches)

Pitch Ref No.	Pitch Name	Sub-area	Surface	Community use category
567	AUREUS SCHOOL 2	South (Vale)	Grass	Not available for community use
618	CHANDLINGS SCHOOL 8	North (Vale)	Grass	Not available for community use
619	CHANDLINGS SCHOOL 9	North (Vale)	Grass	Not available for community use
729	JOHN MASON SCHOOL 2	North (Vale)	Grass	Not available for community use
730	JOHN MASON SCHOOL 3	North (Vale)	Grass	Not available for community use
774	LARKMEAD SCHOOL 3	North (Vale)	Grass	Not available for community use
789	MATTHEW ARNOLD SCHOOL 3	North (Vale)	Grass	Not available for community use
790	MATTHEW ARNOLD SCHOOL 4	North (Vale)	Grass	Not available for community use
807	OUR LADY'S ABINGDON SPORTS PITCHES 1	North (Vale)	Grass	Not available for community use
817	PINEWOOD SCHOOL 5	West (Vale)	Grass	Not available for community use
901	ST HUGH'S SCHOOL 3	West (Vale)	Grass	Not available for community use
902	ST HUGH'S SCHOOL 4	West (Vale)	Grass	Not available for community use
903	ST HUGH'S SCHOOL 5	West (Vale)	Grass	Not available for community use
904	ST HUGH'S SCHOOL 6	West (Vale)	Grass	Not available for community use

3. OWNERSHIP / MANAGEMENT CLUB HOME GROUNDS

Pitch Ref No.	Pitch Name	Sub-area	Ownership Type	Management by
940	THE DEFENCE ACADEMY (SHRIVENHAM STATION) 3	West (Vale)	MOD	Commercial Management
973	TILSLEY PARK SPORTS COMPLEX 5	North (Vale)	Local Authority	School/College/University (in house)
977	TILSLEY PARK SPORTS COMPLEX 6	North (Vale)	Local Authority	School/College/University (in house)

4. SECURITY OF USE

Pitch Ref No.	Pitch Name	Sub-area	Leased, licensed or hired	Community use category	Security of community use
940	THE DEFENCE ACADEMY (SHRIVENHAM STATION) 3	West (Vale)		Available for community use and used	Unsecure
973	TILSLEY PARK SPORTS COMPLEX 5	North (Vale)	Hired by club from school	Available for community use and used	Unsecure
977	TILSLEY PARK SPORTS COMPLEX 6	North (Vale)	Hired by club from school	Available for community use and used	Unsecure

5. QUALITY & KEY ISSUES

l) Quality community use

Pitch Ref No.	Pitch Name	Sub-area	Agreed pitch quality	Changing facility quality
973	TILSLEY PARK SPORTS COMPLEX 5	North (Vale)	Good	Standard
977	TILSLEY PARK SPORTS COMPLEX 6	North (Vale)	Good	Standard
940	THE DEFENCE ACADEMY (SHRIVENHAM STATION) 3	West (Vale)	Poor	Unknown

m) Quality Audit Site Visit Notes

N.B.

The following table presents the notes from site visits / audits. They should be read with this in mind as the notes are a record of dictated notes on-site transcribed in Word. They may therefore contain typos and grammatical errors.

Pitch Ref No.	Pitch Name	Sub-area	Site notes / comments
973	TILSLEY PARK SPORTS COMPLEX 5	North (Vale)	Full size, floodlit, high quality security fencing. All equipment, dugouts goals looks good. Spectator seating for both pitches. Football goals also out. Full size football pitch over marking. Only tennis court markings on one hockey pitch. No other markings on 2nd hockey pitch. High quality. Very good quality changing facilities. Lockers with external access to pictures. Car Park, large site very good.
977	TILSLEY PARK SPORTS COMPLEX 6	North (Vale)	

n) Parking and Cycle Provision

Pitch Ref No.	Pitch Name	Sub-area	Cycle parking on-site	Cycle parking secure (lit, cctv, visible)	Number of cycle stands	Adequate car-parking (onsite)
973	TILSLEY PARK SPORTS COMPLEX 5	North (Vale)	Yes	Yes	20	Yes

977	TILSLEY PARK SPORTS COMPLEX 6	North (Vale)				
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o) Other Key Issues

Pitch Ref No.	Site Name	Club Name	Sub-area	Comments Source	Comments Club	Comments Pitch and Site
973 and 977	TILSLEY PARK	1. Abingdon HC 2. Abingdon Youth FC	North (Vale)	1. EH 2. Abingdon Youth FC	1. EH Pilgrims merged with club some time ago.	<p>1. EH Club uses both pitches (sand dressed AGPs). Concern if no sink fund is in place for hockey pitch. If additional 3G provision made in Abingdon, could some football be moved off to increase capacity for hockey in evenings.</p> <p>2. Abingdon Youth FC Abingdon Youth FC can only use the blue hockey AGPs for training at Tilsley Park. Blue pitches can freeze in winter as very little sand on the pitches. No slots on 3G at Tilsley Park. Athletics training on track around 3G means that availability for football much reduced as cannot use 3G when track in use. Can only get a Friday evening slot on the 3G. Very little availability on 7v7 3G pens at Tilsley Park due to demand from socialland small-sided game play. Tilsley Park funded by Abingdon School and considered that the school has monopoly on demand at the moment. Costs going up too as a result. Hockey pitches at Radley College not very good condition and surface erodes training balls too quickly. Difficult to get any training time weekday evenings apart from on Fridays. Summary - need additional grass pitches, AGP (3G ideally) and ancillary facilities in the town.</p>
940	THE DEFENCE ACADEMY (SHRIVENHAM STATION)	Shrivenham HC	West (Vale)	EH	Military services club and not EH affiliated individually (but as Armed Services, which is affiliated to EH to cover all its clubs).	

6. CAPACITY

p) Carrying capacity unsecure community use

Pitch Name	Sub-area	Pitch Type	Pitch Size	Security of community use	Number of hours open for community use in peak period	Notes
TILSLEY PARK SPORTS COMPLEX 5	North (Vale)	AGP - sand	Full-sized	Unsecure	38	
TILSLEY PARK SPORTS COMPLEX 6	North (Vale)	AGP – sand	Full-sized	Unsecure	38	
RADLEY COLLEGE SPORTS CENTRE 11	North (Vale)	AGP - sand	Full-sized	Unsecure	34	Not used for club hockey
RADLEY COLLEGE SPORTS CENTRE 12	North (Vale)	AGP - sand	Full-sized	Unsecure	34	Not used for club hockey
RADLEY COLLEGE SPORTS CENTRE 13	North (Vale)	AGP - sand	Full-sized	Unsecure	34	Not used for club hockey
UTC OXFORDSHIRE 1	South (Vale)	AGP - sand	Small-sided (7v7)	Unsecure	36	Not used for club hockey

Notes: ^ peak 5-10pm Mon-Thurs, Fri 5-7pm, Sat and Sun 9am-5pm) (38 hours max.). However, with regard to the times that hockey clubs typically play, EH has advised that most clubs will not start any evening training until 6pm.

7. DEMAND

q) Number of teams – sub-areas

Hockey	North	South	West ^	Totals
Adult Ladies	3	-	0	3
Adult Men	3	-	0	3
Adult Mixed	0	-	-	0
U5-U9 boys	0	-	-	0
U5-U9 girls	0	-	-	0
U5-U9 mixed	1	-	-	1
U10 boys	0	-	-	0
U10 girls	0	-	-	0
U10 mixed	1	-	-	1
U12 boys	0	-	-	0
U12 girls	0	-	-	0
U12 mixed	1	-	-	1
U14	0	-	-	0
U14 boys	1	-	-	1
U14 girls	1	-	-	1
U14 mixed	0	-	-	0
U16	0	-	-	0
U16 boys	0	-	-	0
U16 girls	0	-	-	0
U16 mixed	0	-	-	0
U17	0	-	-	0
U18	0	-	-	0
U18 boys	0	-	-	0
U18 girls	0	-	-	0
U18 mixed	0	-	-	0
Vets / Masters	0	-	-	0
Casual	0	-	-	0
Totals	11	-	0 ^	11

Notes: Number of teams at Shrivenham Defence Academy Unknown

r) Team / club names and home grounds

Club Name	Pitch Names	Sub-Area	Team Type	Team Name
Abingdon HC	TILSLEY PARK SPORTS COMPLEX 5 and 6	North (Vale)	Men's	1st
			Men's	2nd
			Men's	3rd
			Ladies	1st
			Ladies	2nd
			Ladies	3rd
			Girls U14	
			Boys U14	
			U12	
			U10	
U8				
Defence Academy HC	THE DEFENCE ACADEMY (SHRIVENHAM STATION) 3	West (Vale)	unknown	unknown

s) Number of players at clubs

Club Name	Sub-Area	Competitive players																		Social players	Total players
		Male 5-10	Male 11-13	Male 14-16	Male 17-18	Male 19-21	Male 22-25	Male 26-35	Male 36-45	Male 46 +	Female 5-10	Female 11-13	Female 14-16	Female 17-18	Female 19-21	Female 22-25	Female 26-35	Female 36-45	Female 46 +		
Abingdon HC	North (Vale)	14	10	2	5	6	11	20	12	19	15	11	11	1	1	6	24	19	11	0	198
Defence Academy HC	West (Vale)	unknown																			

Club Name	Sub-Area	Team numbers last full season Men 16-55	Team numbers last full season Ladies 16-55	Team numbers last full season Boys 11-15	Team numbers last full season Girls 11-15	Changes in team numbers since before Covid-19
Abingdon HC	North (Vale)	5	5	3	5	Numbers have remainder broadly consistent over the last 3 years across all groups.
Defence Academy HC	West (Vale)	unknown	unknown	unknown	unknown	

t) Demand community use

Club Name	Pitch Names	Team Type	Team Name	Record for matches, training or both	When the team plays matches	Hours of AGP use per week (assuming home match every other week)	Size of pitch used for matches	When training takes place (only or first session)	When training takes place (second session)	Hours of AGP use (training, each week)	Size of pitch used for training	Notes	
Abingdon HC	TILSLEY PARK SPORTS COMPLEX 5	Men's	1st	Matches and training	Saturday 10-12pm	1	Full	Weds 7-9.30pm		2.5	Full	Training shared with other men's teams	
		Men's	2nd	Matches and training	Saturday 12-2pm	1	Full	Weds 7-9.30pm		2.5	Full	Training shared with other men's teams	
		Men's	3rd	Training				Weds 7-9.30pm		2.5	Full	Training shared with other men's teams	
		Ladies	1st	Training				Tues 7-9.30pm		2.5	Full	Training shared with other ladies' teams	
		Ladies	2nd	Training				Tues 7-9.30pm		2.5	Full	Training shared with other ladies' teams	
		Ladies	3rd	Matches and training	Saturday 2-4pm	1	Full	Tues 7-9.30pm		2.5	Full	Training shared with other ladies' teams	
		Girls U14		Training				Fri 7-8pm		1	Full	Training shared with Boys U14	
		Boys U14		Training				Fri 7-8pm		1	Full	Training shared with Girls U14	
		U12		Matches and training	Sunday 11-12pm			Full	Sunday 11-12pm		1	Full	Matches or training on / at same day / time
		U10		Matches and training	Sunday 10.15-11.15am			Full	Sunday 10.15-11.15am		1	Full	Matches or training on / at same day / time
		U8		Matches and training	Sunday 9.30-10.30am			Full	Sunday 9.30-10.30am		1	Full	Matches or training on / at same day / time
Abingdon HC	TILSLEY PARK SPORTS COMPLEX 6	Men's	3rd	Matches	Saturday 2-4pm	1	Full						

Club Name	Pitch Names	Team Type	Team Name	Record for matches, training or both	When the team plays matches	Hours of AGP use per week (assuming home match every other week)	Size of pitch used for matches	When training takes place (only or first session)	When training takes place (second session)	Hours of AGP use (training, each week)	Size of pitch used for training	Notes
		Ladies	2nd	Matches	Saturday 12-2pm	1	Full					
		Ladies	3rd	Matches	Saturday 2-4pm	1	Full					
Defence Academy HC	THE DEFENCE ACADEMY (SHRIVENHAM STATION) 3	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	

u) Demand summary

Pitch Name	Sub-area	Hours used for football weekend	Hours used for football weekday evenings	Hours used for rugby weekend	Hours used for rugby weekday evenings	Hours used for hockey weekend	Hours used for hockey weekday evenings	Hours used for other sports weekend	Hours used for other sports weekday	Hours used total
TILSLEY PARK SPORTS COMPLEX 5	North (Vale)		16.5			8	0.5			25
TILSLEY PARK SPORTS COMPLEX 6	North (Vale)		4.5				7			11.5
Defence Academy HC	West (Vale)	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown

COMPARING SUPPLY & DEMAND

v) Supply / demand balance community use: AGPs

The following table shows carrying capacity for full size sand-based pitches with community use and compares with the current demand on the pitches.

Pitch Name	Sub-area	Number of hours open for community use in peak period	Hours used for football weekend	Hours used for football weekday evenings	Hours used for rugby weekend	Hours used for rugby weekday evenings	Hours used for hockey weekend	Hours used for hockey weekday evenings	Hours used for other sports weekend	Hours used for other sports weekday	Hours used total	Hours unused total	Hours used full size equivalent	Hours unused full size equivalent
TILSLEY PARK SPORTS COMPLEX 5	North (Vale)	38*		16.5			8	0.5			25	13	25	13
TILSLEY PARK SPORTS COMPLEX 6	North (Vale)	38*		4.5				7			11.5	26.5	11.5	26.5
Defence Academy HC	West (Vale)	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown

Notes: * With regard to the times that hockey clubs typically play, EH has advised that most clubs will not start any evening training until 6pm.

w) Displaced, unmet, latent demand – club comments

Club Name	Field more teams from players signed on with greater capacity	What needed to do this?	Comments on unmet and latent demand
Abingdon HC	No		<p>No - we do not require more hours.</p> <p>If our membership significantly increases with match playing committed players, we would look to increase our teams. Previous efforts to launch a fourth team has lead to challenges in fielding full teams for match day.</p>

FUTURE DEMAND

x) Aspirational Future Growth

Club Name or School Name	Pitch Ref No.	Pitch Name	Also known as	Sub-Area	Sport	Plans to increase teams in the future
Abingdon HC	973 and 977	TILSLEY PARK SPORTS COMPLEX 5 and 6		North (Vale)	Hockey	Yes. Plan to increase competitive teams to accommodate new players coming up from the Junior section. Local advertising through posters and club promotion at local events.
Defence Academy HC	940	THE DEFENCE ACADEMY (SHRIVENHAM STATION) 3		West (Vale)	Hockey	Unknown

y) Playing Pitch Calculator

Several scenarios have been “run” through the Sport England playing pitch calculator for each sub-area to understand potential demand for playing pitches by the end of the strategy period and for individual strategic housing allocations where there is not yet any confirmation of the provision to be made for sport. The scenarios for these areas have been run for the following:

1. A 0% change in participation rates across all sports;
2. Specific % increases in participation rates agreed with the sports governing bodies, which reflect the most likely change across age groups and sexes;
3. A 10% participation rate increase representing an ambitious “top-end” of change, unlikely to emerge based on previous trends but representing ambition if provision for this rate is viable. These higher % increases may be achievable in one or two age groups or sexes in one or two sports but evidence suggests that this is unlikely based on what we know.

Scenario 2 participation rates to test were agreed as follows.

Hockey	Participation Rate Increase
Men (17-55yrs)	3%
Women (17-55yrs)	3%
Boys (14-16yrs)	4%
Girls (14-16yrs)	4%
Boys (11-13yrs)	4%
Girls (11-13yrs)	5%
Mixed (5-10yrs)	5%

The playing pitch calculator works by entering the current population for an area, the current number of teams in the area and an additional projected population likely to arise in the area. As noted above, participation rate changes can be entered to allow for potential growth. This can therefore take into account factors such as unmet, latent and aspirational demand, but all figures emerging from the calculator will be “sense checked” during the full assessment process. The results provide the estimated additional number of pitches required to serve demand from the additional population and related costs. The figures do not mean that the suggested number of pitches must be provided in the area to which the scenario relates. The full assessment will “ground” figures from the calculator and apply realistic and appropriate apportionment of the calculator’s figures for demand.

Note: The appropriate way to meet the estimated demand

It is important the results are looked at alongside the findings, recommendations and action plan of the PPS for the area to help determine the most appropriate way of meeting the demand and justifying any resulting proposals. This should include:

1. Using the PPS to understand the nature of the playing pitch sites within an appropriate catchment of the new population along with issues, recommendations and actions relevant to that area.
2. Looking at the different ways in which the demand could be met, including for example:
 - a. Enhancing existing provision to increase its capacity, supported by suitable management and maintenance arrangements to ensure the greater capacity is maintained over the longer term;
 - b. Undertaking works, and ensuring long term maintenance and access arrangements, to secure new or greater community use of existing provision;
 - c. Providing new pitches on new sites (natural and/or artificial grass pitches).
3. Having regard to the Government's regulations, policy and guidance regarding the use of the Community Infrastructure Levy and planning obligations (e.g. the Regulation 122 tests)

Note: If the decision is taken to provide new pitches, then the calculator takes the estimated demand for the use of pitches for matches and training activity and converts this into an estimate of the likely pitch provision required to meet the demand. Indicative costs are also provided to provide this level of pitch provision.

Outputs from the calculator are reproduced below for each sub-area and housing allocation sites where the PPS has the opportunity to influence provision. Full input and output files from the calculator are available if required for further scrutiny.

Given that the population projections for the District provided to us have been derived on a different basis to the basic method we have used for the allocation sites, figures for the allocations sites may not represent an exact proportion of the sub-area total as a whole, but nevertheless provide a good guide for likely demand to arise from the developments.

North Sub-Area

Scenario 1 - 0% change in participation rate

Part 4: Estimated demand and costs for new pitches (matches and training demand) and ancillary provision					
	Number of pitches required to meet the estimated demand	Capital Cost	Lifecycle Cost (per annum)	Changing rooms (number)	Changing rooms (capital cost)
Sand Based	0.21	£190,580	£5,908	0.41	£83,656

Scenario 2 – NGB agreed change in participation rate

Part 4: Estimated demand and costs for new pitches (matches and training demand) and ancillary provision					
	Number of pitches required to meet the estimated demand	Capital Cost	Lifecycle Cost (per annum)	Changing rooms (number)	Changing rooms (capital cost)
Sand Based	0.21	£196,297	£6,085	0.43	£86,165

Scenario 3 – “High” 10% change in participation rate

Part 4: Estimated demand and costs for new pitches (matches and training demand) and ancillary provision					
	Number of pitches required to meet the estimated demand	Capital Cost	Lifecycle Cost (per annum)	Changing rooms (number)	Changing rooms (capital cost)
Sand Based	0.23	£209,638	£6,499	0.46	£92,021

Dalton Barracks Housing Allocation (c.2,750 dwellings)

Scenarios have been run based on a population of around 6,600 derived from an average household size of 2.4 people. This is considered sufficient for the purposes of calculating potential demand for pitch sports from the development once it has been delivered. Changes to the household size would likely be tenths of a whole, which would result in a very minimal change to pitch demand established through the calculator, particularly when making assumptions about pitch number rounding. Figures represent a part of the total for the sub-area and are not in addition to other figures for scenarios run for the whole sub-area.

Scenario 1 - 0% change in participation rate

Part 4: Estimated demand and costs for new pitches (matches and training demand) and ancillary provision					
	Number of pitches required to meet the estimated demand	Capital Cost	Lifecycle Cost (per annum)	Changing rooms (number)	Changing rooms (capital cost)
Sand Based	0.06	£59,316	£1,839	0.13	£26,037

Scenario 2 – NGB agreed change in participation rate

Part 4: Estimated demand and costs for new pitches (matches and training demand) and ancillary provision					
	Number of pitches required to meet the estimated demand	Capital Cost	Lifecycle Cost (per annum)	Changing rooms (number)	Changing rooms (capital cost)
Sand Based	0.07	£61,095	£1,894	0.13	£26,818

Scenario 3 – “High” 10% change in participation rate

Part 4: Estimated demand and costs for new pitches (matches and training demand) and ancillary provision					
	Number of pitches required to meet the estimated demand	Capital Cost	Lifecycle Cost (per annum)	Changing rooms (number)	Changing rooms (capital cost)
Sand Based	0.07	£65,247	£2,023	0.14	£28,640

South Sub-Area

Please note: given that there are only hockey clubs in North sub-area (excluding Shrivenham HC which will have players most likely MoD education facility based), figures for the other two sub-areas in Vale of the White Horse will be zero. Therefore, in order to pick up any demand in the sub-areas outside of North, running the calculator for the District as a whole and applying demand across the whole area results in 0.26 pitches needed to accommodate additional demand for the O& scenario, rather than 0.21 projected solely for North, or in other words 0.05 pitches between the other two sub-areas. This is similar for the other scenarios, with 0.07 pitches between the other two sub-areas for the high growth scenario (scenario 3).

Scenario 1 - 0% change in participation rate

Part 4: Estimated demand and costs for new pitches (matches and training demand) and ancillary provision					
	Number of pitches required to meet the estimated demand	Capital Cost	Lifecycle Cost (per annum)	Changing rooms (number)	Changing rooms (capital cost)
Sand Based	0.00	£0	£0	0.00	£0

Scenario 2 – NGB agreed change in participation rate

Part 4: Estimated demand and costs for new pitches (matches and training demand) and ancillary provision					
	Number of pitches required to meet the estimated demand	Capital Cost	Lifecycle Cost (per annum)	Changing rooms (number)	Changing rooms (capital cost)
Sand Based	0.00	£0	£0	0.00	£0

Scenario 3 – “High” 10% change in participation rate

Part 4: Estimated demand and costs for new pitches (matches and training demand) and ancillary provision					
	Number of pitches required to meet the estimated demand	Capital Cost	Lifecycle Cost (per annum)	Changing rooms (number)	Changing rooms (capital cost)
Sand Based	0.00	£0	£0	0.00	£0

North West Valley Park Housing Allocation (c.800 dwellings)

Scenarios have been run based on a population of around 1,920 derived from an average household size of 2.4 people. This is considered sufficient for the purposes of calculating potential demand for pitch sports from the development once it has been delivered. Changes to the household size would likely be tenths of a whole, which would result in a very minimal change to pitch demand established through the calculator, particularly when making assumptions about pitch number rounding. Figures represent a part of the total for the sub-area and are not in addition to other figures for scenarios run for the whole sub-area.

Scenario 1 - 0% change in participation rate

Part 4: Estimated demand and costs for new pitches (matches and training demand) and ancillary provision					
	Number of pitches required to meet the estimated demand	Capital Cost	Lifecycle Cost (per annum)	Changing rooms (number)	Changing rooms (capital cost)
Sand Based	0.00	£0	£0	0.00	£0

Scenario 2 – NGB agreed change in participation rate

Part 4: Estimated demand and costs for new pitches (matches and training demand) and ancillary provision					
	Number of pitches required to meet the estimated demand	Capital Cost	Lifecycle Cost (per annum)	Changing rooms (number)	Changing rooms (capital cost)
Sand Based	0.00	£0	£0	0.00	£0

Scenario 3 – “High” 10% change in participation rate

Part 4: Estimated demand and costs for new pitches (matches and training demand) and ancillary provision					
	Number of pitches required to meet the estimated demand	Capital Cost	Lifecycle Cost (per annum)	Changing rooms (number)	Changing rooms (capital cost)
Sand Based	0.00	£0	£0	0.00	£0

West Sub-Area

Please note: given that there are only hockey clubs in North sub-area (excluding Shrivenham HC which will have players most likely MoD education facility based), figures for the other two sub-areas in Vale of the White Horse will be zero. Therefore, in order to pick up any demand in the sub-areas outside of North, running the calculator for the District as a whole and applying demand across the whole area results in 0.26 pitches needed to accommodate additional demand, rather than 0.21 projected solely for North, or in other words 0.05 pitches between the other two sub-areas.

Scenario 1 - 0% change in participation rate

Part 4: Estimated demand and costs for new pitches (matches and training demand) and ancillary provision					
	Number of pitches required to meet the estimated demand	Capital Cost	Lifecycle Cost (per annum)	Changing rooms (number)	Changing rooms (capital cost)
Sand Based	0.00	£0	£0	0.00	£0

Scenario 2 – NGB agreed change in participation rate

Part 4: Estimated demand and costs for new pitches (matches and training demand) and ancillary provision					
	Number of pitches required to meet the estimated demand	Capital Cost	Lifecycle Cost (per annum)	Changing rooms (number)	Changing rooms (capital cost)
Sand Based	0.00	£0	£0	0.00	£0

Scenario 3 – “High” 10% change in participation rate

Part 4: Estimated demand and costs for new pitches (matches and training demand) and ancillary provision					
	Number of pitches required to meet the estimated demand	Capital Cost	Lifecycle Cost (per annum)	Changing rooms (number)	Changing rooms (capital cost)
Sand Based	0.00	£0	£0	0.00	£0

z) Comparing Current Supply / Demand and Future Projected Demand

A	B	C	D	E	F	G	H	I	K	
Site Name (and club)	Sub Area	Pitch size	Security of com. use	Agreed Current Carrying Capacity for Community Use	Current Demand (from hockey)	Demand (from football, other sports and educ.)	Total demand	Supply / demand balance (time available, hours)	Additional hours required per week by 2041 (across sub-area)	NOTES
TILSLEY PARK SPORTS COMPLEX 5 (Abingdon HC)	North (Vale)	Full-size	Unsecure	38	8.5 (8 hours weekend, 30 minutes weekday evening)	16.5	25	+13		<p>There are currently 10.5 hours of time available on weekday evenings which could be used by the club on the pitch that they mostly train on, and 5 hours available on weekday evenings on the pitch they mostly play matches on at weekends. However, these 5 free hours on the pitch mainly used for training are on days and at time which may not work for the club (for example, are at 9pm and / or not on days when they currently train). However, realigning when the pitches are booked for football training or informal use would free up capacity for the hockey club to accommodate the additional evening use (for training) generated by additional population. There is also plenty of capacity on the pitch mainly used for matches on weekday evenings which could be used to accommodate additional demand. There is sufficient time to accommodate additional matches at weekends, with matches only currently being played on one pitch. Sustained use of both pitches into the future will rely on the surfaces being of a quality to host matches and training and sports lighting to the standard required for hockey to be played in the evening.</p>
TILSLEY PARK SPORTS COMPLEX 6 (Abingdon HC)	North (Vale)	Full-size	Unsecure	38	7 (weekday evenings)	4.5	11.5	+26.5	<p>+4.64 total:</p> <p>0.85 (adult) and 0.79 (junior) for matches</p> <p>2.56 (adult) and 0.44 (junior) for training</p>	

											Potential growth emerging from retention of the player pathway through age groups could result in additional teams emerging from existing club membership, which could result in additional time being needed on the pitches, but subject to the suggested requirements above, this seems likely to be able to be accommodated.
THE DEFENCE ACADEMY (SHRIVENHAM STATION) (Defence Academy HC)	West (Vale)	Full-size	Unsecure	Unknown	Unknown	Unknown	Unknown	Unknown	0		Calculator figures are based on an unknown number of teams at Shrivenham Defence Academy. However, on the basis that the pitch will be used, mainly for the establishment's own teams, and that they might have two adult men's and 2 adult women's teams at the most, it is likely that there will be sufficient capacity on the site to accommodate demand channelled through the establishment's student entry.

aa) Testing Scenarios

Scenario A - No education sites in supply (which currently have community use)

		Education sites <u>supply</u> (match equivalents / hours for AGPs)									Main Implications		
		Grass								Cricket		3G	Sand / water
		Football					Rugby						
		11v11 adult	11v11 youth	9v9	7v7	5v5	Senior	Junior					
North	Secure*	-	-	-	-	-	-	-	-	-	-		
	Unsecure	8	-	-	-	-	*	-	-	190 (47.5 full size equivalent hours)	102 full size equivalent hours	Losses: Brookes Sport (Botley) – 4 adult size grass football pitches with standard quality and 5 x 5v5 3Gs; Radley College - 3 x full size sand AGPs. While Tilsley Park (which hosts numerous AGPs) is owned by the local authority and leased to a school to run, ownership should offer sufficient	

		Education sites <u>supply</u> (match equivalents / hours for AGPs)								3G	Sand / water	Main Implications
		Grass										
		Football					Rugby		Cricket			
		11v11 adult	11v11 youth	9v9	7v7	5v5	Senior	Junior				
											protection to use of the site, despite the site being considered “unsecure” given that the school has control of bookings at the site. * Two rugby pitches used by Oxford RFC at St Peter’s College Rec (leased from College). No demand recorded to align with RFU preference but loss of use would mean all demand placed upon RFC owned three pitches.	
South	Secure*	-	-	-	-	-	-	-	-	-		
	Unsecure	-	-	-	-	-	-	-	-	34 (8.5 full size equivalent)	36 (18 full size equivalent)	Losses: Harwell Primary School - 1 x 5v5 3G; UTC Oxfordshire - 1 x 7v7 sand AGP
West	Secure*	-	-	-	-	-	-	-	-	-	-	
	Unsecure	-	-	-	-	-	-	-	-	19.5 (<=19.5 full size equivalent)	-	Losses: St Hugh’s School, Faringdon – 1 x 9v9 3G; Shrivenham School - 5v5 AGP (polymeric) only used by TA Sports for after school and summer clubs.
Total	Secure*	-	-	-	-	-	-	-	-	-	-	
	Unsecure	8	-	-	-	-	-	-	-	75.5 (full size equivalent hours)	120 (full size equivalent hours)	Significant loss of access to AGPs, both 3G provision and sand-based AGPs, all of which are principally used for football training and casual use, rather than for hockey. However, some school sites are not used much, or at all, by clubs or others and so would not represent adverse impact on demand. Loss of Brookes Sport (Botley) AGPs would have most impact on University students and it seems likely that the University would look to retain access for students at least and replace provision if lost. Radley College’s three full-size sand-based AGPs would impact football loss, both during weekday evenings (18 hours of use) and weekends (16

Education sites <u>supply</u> (match equivalents / hours for AGPs)										3G	Sand / water	Main Implications
Grass								Cricket				
Football				Rugby								
11v11 adult	11v11 youth	9v9	7v7	5v5	Senior	Junior						
												<p>hours) and loss would prevent some clubs being able to train. Capacity would therefore need to be replaced elsewhere on another AGP, preferably a 3G surface.</p> <p>Not likely to be significant impact in relation to football grass pitches (at Brookes Sport (Botley)) as it is likely that the University would not prevent their own teams playing on the site or if the pitches are lost to supply, they would be replaced to accommodate play.</p> <p>If St Peter's College withdrew use of their rugby pitches from Oxford RFC, this would represent a significant issue for the rugby club as they only have certainty of use on the pitches they control. Supply / demand calculations already factor in play only being on the club pitches with posts and so the impact is already demonstrated earlier in this report – there would be unsustainable overplay of the club's pitches.</p> <p>Although only small AGPs, both Harwell School and UTC hire their pitches to local clubs and some informal use, which would need to find elsewhere to train, preferably on a 3G surface.</p>

Notes: * Education sites, even with a secure community use agreement in place, are not considered secure enough to provide long-term security.

Scenario B - Supply lost in areas of high deprivation

While there are two areas within the top 40% areas of deprivation in the country in Vale of the White Horse, neither have any playing pitches within them. Therefore, there are no scenario results to apply in Vale of the White Horse. There were no areas of deprivation in the top 10%, 20% or 30% areas of deprivation in the District.

Scenario C – no Artificial Grass Pitches provided

If no 3G pitches are delivered beyond those in the pipeline, for each full-size pitch, an estimated 5-6 full-size grass pitches with sports lighting will be required to replace lost training opportunities provided on weekday evenings by one 3G pitch. These replacement grass pitches would need to be provided to a good quality and would need to drain freely and maintained to a high standard so that winter rain does not render the pitches unplayable during the season.

Management of the pitches would have to assume the same process as that for AGPs – i.e. pitches would need to be fenced off for security and to maintain quality and to be bookable by and reserved for users.

In addition, the additional match day play offered by 3G pitches on weekends equates to around the same amount of play which 2-4 full-size grass pitches can accommodate, depending on the team types, age group and kick-off times hosted. Quality of these would need to be as for those pitches intended for training and could not be simply shared open space in public parks etc. These pitches specifically for matches would not necessarily need to have sports lighting.

In total, therefore, up to 10 full-size grass pitches (at least 5-6 with sports lighting) would need to be brought forward and appropriately managed and maintained to replace a single 3G pitch with sports lighting.

The provision of grass pitches to replace 3G pitches would necessitate a much larger area / footprint with land costs higher than that for a single 3G.

If the policy decision extends to not support resurfacing of existing 3G pitches when the surface reaches the end of its life, grass pitch replacement provision in line with that outlined above would need to be put in place and appropriate support provided for any commercial providers which are dependent on income from their AGP to supplement viability of other facilities and / or pitch provision.

Should a “no AGP” policy extend to other surface types (not just 3G rubber crumb), there could also be an impact on other sports. For example, competitive hockey is not played on grass pitches and only on sand based or “Gen2” surface pitches. Loss of this surface would mean that hockey cannot be played. Cricket uses artificial (non-turf) surfaces for training nets and for training on the cricket square and not using the surface would reduce the ability to train, in particular.

If a no artificial surface policy is supported throughout sports provision, there could also be an impact on a variety of indoor sports which use a “carpet” surface, for example, indoor bowls.