Appendix A. Table 2 - Sustainability Appraisal Matrices Preferred Strategy

The preferred option is combined from the following options previously assessed through the SA process see Appendix A. Table 1 for full details of A – H Options considered

- Option A (the Core Strategy approach),
- Option B: Science Vale focus plus 'sustainable settlements
- Option D: All growth in a single new settlement
- Option H: Locating development in particular settlements where it could help fund projects

Our preferred approach is a combination of:

- The Strategy
- At the Refined Options stage we set out eight potential options which we could apply. In response to your comments and more detailed
 work that we have done since, we have broadly retained Option A (the Core Strategy approach), and incorporated elements of Option B
 (Science Vale and 'Sustainable Settlements") Option D (all growth in a new settlement) and Option H (Locating development in
 particular settlements where it could help fund projects)

Key:

√ √	✓	хх	X	0	?
Major positive	Minor positive	Major negative	Minor negative	No direct impact	Uncertain effect

	Option A Continue to use the Core Strategy distribution strategy	Option B Science Vale focus plus 'sustainable settlements'	Option D All growth in a single new settlement	Option H Locating development in particular settlements where it could help fund projects	Preferred Option
1 To help to provide existing and future	√ X	√ X	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	X This anti-normal	The analysis of the set
residents with the	This approach is	This approach is	A new settlement	This option would	The combination of
opportunity to live in	likely to deliver houses through the	likely to deliver houses through the	could create the opportunity to live in	require significant amounts of housing	options A, B, D & H will ensure the provision of
a decent home and in	concentration of	concentration of	a decent home but	to achieve the	decent affordable homes
a decent environment	housing on the	housing on the	it is unlikely to meet	benefits sought.	across the district. The
supported by	growth point at	growth point within	delivery targets	Unlikely to provide	inclusion of option H
appropriate levels of	Didcot. With further	Science Vale. With	because	decent homes and	allows the opportunity to
infrastructure	housing	further housing	infrastructure would	the infrastructure	identify settlements in
	development	development	need to be in place	required.	need of regeneration
	allocated to the	allocated to the	prior to housing	Some of the smaller	and/or specific funding.
	other towns of	other "sustainable	development and	settlements might	The inclusion of a new
	Henley, Thame and	settlements'. This	the level of	miss out on some	settlement options will
	Wallingford and the larger villages. This	would help provide residents with the	development would not be enough to	desired growth for local affordable	provide opportunity to assist with meeting
	would help provide	opportunity to live in	sustain a new	housing.	Oxford's unmet housing
	residents with the	a decent home in a	settlement.	riousing.	needs, which will provide
	opportunity to live in	choice of locations.	Mitigation:	Mitigation:	homes to those in need
	a decent home in a	However in the long	This option would	There is little scope	within Oxford City.
	choice of locations.	term, this could	require significant	to improve this	
	However in the long	create housing	infrastructure	option.	Further site allocations
	term, this could	market saturation in	development.	Likelihood:	work may be required to
	create housing	Didcot (that in turn	Likelihood:	High	ensure that further sites
	market saturation in	could lead to 5 year	High	Scale:	are available and
	Didcot (that in turn	supply problems in	Scale:	Large scale	appropriate, within the
	could lead to 5 year	Didcot).	Large scale	Temp or perm:	locations specified.
	supply problems in	Some of the smaller	Temp or perm:	Perm	Significant infrastructure
	Didcot).	settlements might	Perm	Timing:	development will be

Option A	Option B	Option D	Option H	Preferred Option
Continue to use the	Science Vale focus	All growth in a	Locating	•
Core Strategy	plus 'sustainable	single new	development in	
distribution strategy	settlements'	settlement	particular	
			settlements where it	
			could help fund	
			projects	
Some of the smaller	miss out on some	Timing:	Short to long term	required for any new
settlements might	desired growth for	Short to long term	Significance of	settlement, it will be
miss out on some	local affordable	Significance of	effect:	essential to work with
desired growth for	housing.	effect:	Significant.	service providers to
local affordable	Mitigation:	Significant.		ensure this is
housing.	Further site			implemented in a timely
Mitigation:	allocations work			fashion.
Further site	may be required to			Continued consultation
allocations work	ensure that further			with Oxford City is
may be required to	appropriate sites			essential to ensure that
ensure that further	are available and			their unmet housing needs
appropriate sites	appropriate.			are incorporated into the
are available and	Enhancement:			Local Plan development.
appropriate. Enhancement:	This effect could be			Improvement to public
This effect could be	enhanced by			transport in rural areas, will need to be
enhanced by	ensuring that new homes are built to			implemented.
ensuring that new	high standards of			Affordable homes should
homes are built to	sustainable design			be provided within all
high standards of	and ensuring			development settlements.
sustainable design	affordable housing			Mitigation/Enhancement:
and ensuring	is provided.			The positive effect of
affordable housing	A fresh approach to			providing new homes
is provided.	assessing the			could be enhanced by
Likelihood:	sustainability of			ensuring that new homes
High	settlements would			are built to high standards
Scale:	be required.			of sustainable design and
District wide	Likelihood:			- 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Option A Continue to use the Core Strategy distribution strategy Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.	Option B Science Vale focus plus 'sustainable settlements' High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.	Option D All growth in a single new settlement	Option H Locating development in particular settlements where it could help fund projects	supported by appropriate levels of infrastructure. Further evidence should be provided to ensure that settlements in need of funding for specific projects and/or regeneration are identified and included were appropriate. Likelihood: High Scale: Large scale Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.
✓	✓	✓	X	✓

	Option A	Option B	Option D	Option H	Preferred Option
	Continue to use the	Science Vale focus	All growth in a	Locating	-
	Core Strategy	plus 'sustainable	single new	development in	
	distribution strategy	settlements'	settlement	particular	
				settlements where it	
				could help fund	
				projects	
2 To help to create	Focussing	Focussing all	A new settlement	This option would	The issues raised in the
safe places for	development in	additional housing	could provide the	require significant	assessments of options A,
people to use and for	established town	developments in the	opportunity to	amounts of housing	B,& D are still relevant, the
businesses to	centres should	Science Vale area	design a safe	to achieve the	development of new
operate, to reduce	provide the	and 'sustainable	environment which	benefits sought.	homes across the district
anti-social behaviour	opportunity to	settlements' should	could reduce	Unlikely to provide	will raise concerns about
and reduce crime	create a safe	be conductive to	antisocial	benefits to all areas	anti-social behaviour and
and the fear of crime.	environment and be	business operation	behaviour.	in need.	crime.
	conducive to	and development.	Mitigation:	Mitigation:	A new settlement could
	business operation	Greater	Ensure good quality	There is little scope	provide the opportunity to
	and development.	concentration of	urban design is	to improve this	design a safe environment
	Greater	development may	implemented and	option.	which could reduce
	concentration of	help create safer	access to services,	Likelihood:	antisocial behaviour.
	development may	places through	facilities locally.	High Scale:	The inclusion of option H
	help create safer	greater pedestrian	Likelihood:		allows the opportunity to
	places through	flows; however the	High Scale :	Large scale	identify settlements in
	greater pedestrian flows; however the	positive impact may	Localised	Temp or perm: Perm	need of regeneration and/or specific funding.
	positive impact may	be hindered by growth pressure in	Temp or perm:	Timing:	Mitigation/Enhancement
	be hindered by	places where	Perm	Short to long term	Ensure that development
	growth pressure in	housing is already	Timing:	Significance of	is designed to reduce
	places where	allocated. In the	Short to long term	effect:	crime and the fear of
	housing is already	short term whilst	Significance of	Significant.	crime. Phasing of
	allocated.	development is	effect:	Olgrinioarit.	development needs to be
	Enhancement:	taking place and	Not significant.		carefully implemented.
	Ensure that	infrastructure is	1 tot olgilliloant.		A fresh approach to
	development is	being developed			assessing the
	designed to reduce	may result in a			sustainability of
	accignica to reduce	may roodit iir a			Sastaniasinty of

Option A	Option B	Option D	Option H	Preferred Option
Continue to use the	Science Vale focus	All growth in a	Locating	
Core Strategy distribution strategy	plus 'sustainable settlements'	single new settlement	development in particular	
distribution strategy	Schloments	Schomon	settlements where it	
			could help fund	
			projects	
crime and the fear	negative impact on			settlements could be
of crime.	local business.			required.
Likelihood:	Mitigation /			Ensure good quality urban
Medium – this is	Enhancement: Ensure that			design is implemented
also dependent upon the design of	development is			and access to services, facilities locally.
individual	designed to reduce			Ensure any dispersal of
developments	crime and the fear			new developments are
Scale:	of crime. Phasing of			properly regulated and
District wide	development needs			monitored.
Temp or perm:	to be carefully			Further evidence should
Perm	implemented.			be provided to ensure that
Timing:	A fresh approach to			settlements in need of
Short to long term	assessing the			funding for specific
Significance of	sustainability of			projects and/or
effect:	settlements would			regeneration are identified and included were
Not significant.	be required. Likelihood:			and included were appropriate.
	High – this is			Likelihood:
	also dependent			High – this is
	upon the design of			also dependent upon the
	individual			design of individual
	developments			developments
	Scale:			Scale:
	District wide			District wide
	Temp or perm:			Temp or perm:
	Perm			Perm
	Timing:			Timing:

	Option A Continue to use the Core Strategy distribution strategy	Option B Science Vale focus plus 'sustainable settlements' Short to long term Significance of effect: Significant.	Option D All growth in a single new settlement	Option H Locating development in particular settlements where it could help fund projects	Short to long term Significance of effect: Significant.
accessibility for everyone to health, education, recreation, cultural, and community facilities and services. ✓ x Focussing all additional housing within a range of settlements when development of a types is concentrated sho		Concentration of additional housing development within Science Vale and 'sustainable settlements' will improve	It is unlikely that a new settlement would deliver sufficient development for self-containment and journeys to the	This option would require significant amounts of housing to achieve the benefits sought. Unlikely to provide benefits to all areas	A combination of options A, B, D & H reduces the number of potential issues identified when considering each option alone and increases the number of positive
	create strong hubs which will be more accessible by all forms of transport including walking and cycling. The positive impacts maybe reduced by growth	accessibility to services for some residents, but not for those in other areas. Growth pressure on existing services in places where housing is already	main towns will be required. Mitigation: Mitigation of this effect would only be achieved through an alternative option. Likelihood: High	in need. Mitigation: There is little scope to improve this option. Likelihood: High Scale: Large scale	impacts. Growth pressure on existing services in places where housing is already allocated may still occur. Accessibility to services in rural areas may still be limited resulting in negative impacts towards
	pressure on existing services in places where housing is already allocated. Mitigation / Enhancement:	allocated may occur. Mitigation: Ensure improvements to service provision	Scale: District wide Temp or perm: Perm Timing: Short term	Temp or perm: Perm Timing: Short to long term Significance of effect:	the most vulnerable people and increases the potential of inequality and social exclusion. A new settlement or an extension to an existing

enhanced through improvements to service provision commensurate with any increases in population. In addition the foot and cycle path network and increased frequency of buses. Likelihood: High Scale: District wide Temp or perm: Perm Timing: Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of Short to long term Significance of Short to long term Significance of Sig		Option A Continue to use the Core Strategy distribution strategy	Option B Science Vale focus plus 'sustainable settlements'	Option D All growth in a single new settlement	Option H Locating development in particular settlements where it	Preferred Option
Significant. funding for specific projects and/or		This effect could be enhanced through improvements to service provision commensurate with any increases in population. In addition the foot and cycle path network and increased frequency of buses. Likelihood: High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect:	commensurate with any increases in population. Likelihood: High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect:	Significance of effect:	settlements where it could help fund projects	providing all new homes and could be developed over time in line with infrastructure development. The inclusion of option H allows the opportunity to identify settlements in need of regeneration and/or specific funding. Mitigation: Choose locations showing spare capacity in service provision and/or ensure improvements to services commensurate to population growth. Further evidence should be provided to ensure that settlements in need of funding for specific projects and/or regeneration are identified and included were appropriate.

	Option A Continue to use the Core Strategy distribution strategy	Option B Science Vale focus plus 'sustainable settlements'	Option D All growth in a single new settlement	Option H Locating development in particular settlements where it could help fund projects	Preferred Option
					High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.
4 To maintain and	✓ X	✓ X	X	✓ X	√√ X
improve people's health, well-being, and community cohesion and support voluntary, community, and faith groups.	Having a range of settlements where development of all types is concentrated should assist with community cohesion; however growth pressure in places where housing is already allocated may lead	This option puts more homes in places where housing is already allocated (this might be seen as unfair) and may put pressure on existing communities reducing community cohesion. Mitigation	It is unlikely that a new settlement would deliver sufficient development for self-containment and journeys to the main towns will be required to access facilities. Mitigation: Mitigation of this effect would only be	In principle this option would benefit the community and fits well with neighbourhood planning where communities weigh up for themselves whether to opt for this; however this option would require significant amounts of housing	A combination of options A, B,D & H reduces the number of potential issues identified when considering each option alone and increases the number of positive impacts. Growth pressure on existing services in places where housing is already allocated may still occur.

Option A	Option B	Option D	Option H	Preferred Option
Continue to use the	Science Vale focus	All growth in a	Locating	•
Core Strategy	plus 'sustainable	single new	development in	
distribution strategy	settlements'	settlement	particular	
			settlements where it	
			could help fund	
			projects	
to detrimental	A fresh approach to	achieved through	to achieve the	Allowing dispersal of new
impacts.	assessing the	an alternative	benefits sought.	homes in appropriate
Mitigation /	sustainability of	option. Likelihood:	Unlikely to provide	locations, designed to
Enhancement:	settlements would	High	benefits to all areas	support social cohesion,
This effect could be	be required.	Scale:	in need.	could have positive
enhanced through	Likelihood:	District wide	Mitigation:	impacts and support
improvements to	High	Temp or perm:	There is little scope	villages in the rural areas.
service provision	Scale:	Perm	to improve this	The inclusion of option H
commensurate with	District wide	Timing:	option.	allows the opportunity to
any increases in	Temp or perm:	Short term	Likelihood:	identify settlements in
population. In	Perm	Significance of	High	need of regeneration
addition the foot	Timing:	effect:	Scale:	and/or specific funding.
and cycle path	Short to long term	Significant.	Large scale	Mitigation:
network and	Significance of		Temp or perm:	Choose locations showing
increased frequency			Perm	spare capacity in service
of buses.	Significant.		Timing:	provision and/or ensure
Further site			Short to long term	improvements to services
allocations work			Significance of effect:	commensurate to
may be required to				population growth.
ensure that further			Significant.	A fresh approach to
appropriate sites are available and				assessing the
				sustainability of settlements could be
appropriate				required.
Likelihood:				Affordable homes should
High				be provided within all
Scale:				development settlements.
District wide				development settlements.
District Wide				

	Option A Continue to use the Core Strategy distribution strategy		Science \ plus 'sus	on B /ale focus stainable ments'	Option D All growth in a single new settlement	Option H Locating development in particular settlements where it could help fund projects	Preferre	d Option
	Temp or perm Timing: Short to lo Significar effect: Significant	ong term					Further evide be provided to settlements in funding for sp projects and/oregeneration and included appropriate. Likelihood: High Scale: District wide Temp or perm Timing: Short to long Significance effect: Significant.	ensure that a need of secific or are identified were
5 To reduce harm to	✓	X	✓	X	XX	?	✓	Х
the environment by seeking to minimise pollution of all kinds especially water, air, soil and noise pollution.	Allocation of additional housing sites adjacent to market towns ensures that residents will have		Allocation additional sites withi Vale 'sust settlemen ensures the	housing n Science ainable ts'	It is unlikely that a new settlement would deliver sufficient development for self-containment	This option is location specific. In the short term noise pollution may	The issues ra assessments BD & H are s when combin options togetl	of options A, still relevant, ing the

Option A	Option B	Option D	Option H	Preferred Option
Continue to use the	Science Vale focus	All growth in a	Locating	
Core Strategy	plus 'sustainable	single new	development in	
distribution strategy	settlements'	settlement	particular	
			settlements where it	
			could help fund	
			projects	
good access to	residents will have	and journeys to the	increase during the	By widening the approach
services and	good access to	main towns will be	construction phase.	to housing delivery, the
facilities reducing	services and	required to access		growth pressure to all
pollution from travel.	facilities reducing	facilities, thus	Any reduction in	locations will be reduced.
The location of	pollution from travel.	increasing the need	greenfield land may	Transport impacts and the
homes in larger	This will support	to travel and	result in pollution	associated congestion and
villages is intended	local services and	increasing vehicle	from surface run-	air pollution are still likely
to support local	will reduce the need to travel long	emissions.	off.	to lead to negative
services and will		Mitigation:		impacts, if mitigation is not
reduce the need to	distances for certain		Mitigation:	implemented.
travel long	purposes.	effect would only be	Ensure the ETI	
distances for certain	However it is not	achieved through	results inform the	In the short term noise
purposes.	possible to provide	an alternative	decision making	pollution may increase
However it is not	all facilities in all	option. Likelihood:	process.	during the construction
possible to provide	settlements.	High	Ensure phasing of	phase.
all facilities in a	Therefore a certain	Scale:	development occurs	
village. Therefore a	degree of longer	District wide	to reduce noise	Any reduction in greenfield
certain degree of	distance travel will	Temp or perm:	impacts.	land may result in pollution
longer distance	be required for	Perm	Encourage the use	from surface run-off.
travel will be	occasional services.	Timing:	of permeable	
required for		Short term	surfaces and SUDS	Mitigation:
occasional services.	Science Vale has a	Significance of		Choose only locations
T at I are	number of existing	effect:	Likelihood:	showing spare capacity in
In the short term	housing allocations	Significant.	High	service provision and/or
noise pollution may	and the current		Scale:	ensure improvements to
increase during the	infrastructure may		District wide	services commensurate to
construction phase.	not be able to		Temp or perm:	population growth
			Perm	

Option A Continue to use the Core Strategy distribution strategy	Option B Science Vale focus plus 'sustainable settlements'	Option D All growth in a single new settlement	Option H Locating development in particular	Preferred Option
		Settlement	settlements where it could help fund projects	
Any reduction in greenfield land may result in pollution from surface run-off. Mitigation: Ensure the ETI results inform the decision making process. Ensure phasing of development occurs to reduce noise impacts. Encourage the use of permeable surfaces and SUDS Likelihood:	withstand further allocations. In the short term noise pollution may increase during the construction phase. Any reduction in greenfield land may result in pollution from surface run-off. Mitigation: Ensure the ETI results inform the decision making process. Ensure phasing of		projects Timing:	Ensure the ETI results inform the decision making process. Ensure phasing of development occurs to reduce noise impacts. Encourage the use of permeable surfaces and SUDS Further evidence should be provided to ensure that settlements in need of funding for specific projects and/or regeneration are identified and included were appropriate. Likelihood: High Scale:
High Scale: District wide Temp or perm: Perm Timing:	development occurs to reduce noise impacts. Encourage the use of permeable surfaces and SUDS			District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.

	Option Continue Core Society distribution	to use the trategy	Science \	on B /ale focus stainable ments'	Option D All growth in a single new settlement		Option H Locating development in particular settlements where it could help fund projects	Preferre	d Option
6 To improve travel	√√	X	\	X	✓	X	X	✓	X
choice and accessibility, reduce the need to travel by car and shorten the length and duration of journeys.	Allocation additional sites adjace market too ensures the residents of good accessivities and facilities the of journeys need to trace will be to support services; to support se	housing cent to wins at will have ess to and evel by reduced. On of arger intended local his will eneed to for certain It is not o provide in a gree of be	Allocation additional sites within Vale 'sustainable services a facilities that of journey need to trace intended to local services to travel loca	housing in Science ainable ts' nat will have ess to and ne length s and avel by reduced. on of le ts is o support ces; this e the need ong for certain It is not o provide s in a erefore a	A new set unlikely to the need t and it is u	reduce to travel nlikely that the fully self- in the the however the term, the the nsport torove the new the can be the	In principle this option could improve travel choice, however this option would require significant amounts of housing to achieve the benefits sought. Unlikely to provide benefits to all areas in need. Mitigation: There is little scope to improve this option. Likelihood: High Scale: Large scale Temp or perm: Perm Timing: Short to long term Significance of effect: Significant	B,D & H are when combin options toget By widening to housing degrowth press locations will transport impassociated or air pollution at to lead to negimpacts, if mimplemented inclusion of callows the opidentify settle need of rege and/or specif Mitigation Choose only	s of options A, still relevant, aing the her. the approach elivery, the ure to all be reduced, eacts and the congestion and are still likely gative itigation is not. The option H oportunity to ements in neration ic funding.

Option A	Option B	Option D	Option H	Preferred Option
Continue to use the	Science Vale focus	All growth in a	Locating	
Core Strategy	plus 'sustainable	single new	development in	
distribution strategy	settlements'	settlement	particular	
-			settlements where it	
			could help fund	
			projects	
occasional services	travel will be	Significance of		services commensurate to
in nearby centres.	required to access	effect:		population growth
Enhancement /	occasional services	Significant.		Ensure the ETI results
Mitigation:	in nearby centres.			inform the decision
Ensure that a range				making process.
of transport modes	Science Vale has a			Ensure the new settlement
are available, to	number of existing			can be linked by
include: public	housing allocations			appropriate infrastructure,
rights of way, cycle	and the current			including public rights of
lanes, public	infrastructure may			way and cycle lanes.
transport and	not be able to			Ensure that a range of
community	withstand further			transport modes are
transport schemes,	allocations.			available, to include:
to reduce the need	Enhancement /			public rights of way, cycle
for these journeys	Mitigation:			lanes, public transport and
to be made by	Ensure that a range			community transport
private car.	of transport modes			schemes, to reduce the
Likelihood:	are available, to			need for these journeys to
High	include: public			be made by private car.
Scale:	rights of way, cycle			Further evidence should
Large scale	lanes, public			be provided to ensure that
Temp or perm:	transport and			settlements in need of
Perm	community			funding for specific
Timing:	transport schemes,			projects and/or
Short to long term	to reduce the need			regeneration are identified
Significance of	for these journeys			and included were
effect:	to be made by			appropriate.
	private car.			Likelihood:

	Option A Continue to use the Core Strategy distribution strategy	Option B Science Vale focus plus 'sustainable settlements'	Option D All growth in a single new settlement	Option H Locating development in particular settlements where it could help fund projects	Preferred Option
	Positive effect is significant, negative effect is not significant.	Likelihood: High Scale: Large scale Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.			High Scale: Large scale Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.
7 To conserve and enhance biodiversity	The increase in housing numbers may result in a detrimental effect on the biodiversity The conservation target areas within the district comprise the most important areas to implement improvements for wildlife conservation, additional development in	The increase in housing numbers may result in a detrimental effect on the biodiversity The conservation target areas within the district comprise the most important areas to implement improvements for wildlife conservation, additional development in	All additional growth in one settlement may result in loss of greenfield land and green infrastructure and have a detrimental effect on biodiversity; however it would also offer the opportunity to create good linkage to existing green infrastructure and could assist with funding for	In principle this option could offer opportunity to enhance biodiversity; however this option would not be able to provide funding for all projects. Unlikely to provide benefits to all areas in need. Mitigation:	The issues raised in the assessments of options A, B,D & H are still relevant, when combining the options together. The inclusion of option H allows the opportunity to identify settlements in need of regeneration and/or specific funding. Mitigation: Ensure further HRA Appropriate Assessment is carried out and all recommendations are

Option A	Option B	Option D	Option H	Preferred Option
Continue to use the	Science Vale focus	All growth in a	Locating	•
Core Strategy	plus 'sustainable	single new	development in	
distribution strategy	settlements'	settlement	particular	
			settlements where it	
			could help fund	
			projects	
these areas, could	these areas, could	biodiversity	There is little scope	included in the Local Plan
assist with funding	assist with funding	enhancement for	to improve this	2032.
for biodiversity	for biodiversity	example: green	option.	Ensure biodiversity
enhancement for	enhancement for	infrastructure,	Likelihood:	enhancement schemes
example: green	example: green	wildlife areas, buffer	High	are implemented
infrastructure,	infrastructure,	zones etc within the	Scale:	alongside additional
wildlife areas, buffer	wildlife areas, buffer	conservation target	Large scale	housing development.
zones etc.	zones etc.	areas.	Temp or perm:	Likelihood:
The following	The following	The following	Perm	
European Sites need to be	European Sites need to be	European Sites need to be	Timing:	High Scale:
considered when	considered when	considered when	Short to long term Significance of	District wide
identifying areas for	identifying areas for	identifying areas for	effect:	Temp or perm:
additional housing	additional housing	additional housing	Significant.	Perm
development.	development.	development.	Olgriillearit.	Timing:
Aston Rowant SAC.	Aston Rowant SAC.	Aston Rowant SAC,		Short to long term
Chiltern	Chiltern	Chiltern		Significance of
Beechwoods SAC,	Beechwoods SAC,	Beechwoods SAC,		effect:
Cothill Fen SAC,	Cothill Fen SAC,	Cothill Fen SAC,		Significant
Hartslock Woods	Hartslock Woods	Hartslock Woods		
SAC, Little	SAC, Little	SAC, Little		
Wittenham SAC	Wittenham SAC	Wittenham SAC		
Oxford Meadows	Oxford Meadows	Oxford Meadows		
SAC	SAC	SAC		
Additional	Additional	Additional		
development can	development can	development can		
lead to increased	lead to increased	lead to increased		
emissions from	emissions from	emissions from		

	Option A	Option B	Option D	Option H	Preferred Option
C	Continue to use the	Science Vale focus	All growth in a	Locating	
	Core Strategy	plus 'sustainable	single new	development in	
d	distribution strategy	settlements'	settlement	particular	
	O,			settlements where it	
				could help fund	
				projects	
Ve	ehicle movement	vehicle movement	vehicle movement		
ar	and put strain on	and put strain on	and put strain on		
W	vater resources,	water resources,	water resources,		
bo	oth can have	both can have	both can have		
de	letrimental effects	detrimental effects	detrimental effects		
or	on SAC's.	on SAC's.	on SAC's.		
M	/litigation:				
E	Insure the Habitats	Mitigation:			
R	Regulation	Ensure the Habitats	Mitigation:		
As	Assessment	Regulation	Ensure the Habitats		
S	Screening is	Assessment	Regulation		
ur	indertaken to	Screening is	Assessment		
id	dentify appropriate	undertaken to	Screening is		
ar	reas for additional	identify appropriate	undertaken to		
ho	ousing.	areas for additional	identify appropriate		
Ei	Ensure biodiversity	housing.	areas for additional		
er	enhance schemes	Ensure biodiversity	housing.		
ar	re implemented	enhance schemes	Ensure biodiversity		
	longside additional	are implemented	enhance schemes		
	ousing	alongside additional	are implemented		
	levelopment.	housing	alongside additional		
		development.	housing		
Li	.ikelihood:	·	development.		
H	ligh	Likelihood:	·		
	Scale:	High	Likelihood:		
D	District wide	Scale:	High		
Te	emp or perm:	District wide	Scale:		
Pe	Perm	Temp or perm:	District wide		

	Option A Continue to use the Core Strategy distribution strategy Timing: Short to long term Significance of effect: Significant.	Option B Science Vale focus plus 'sustainable settlements' Perm Timing: Short to long term Significance of effect: Significant	Option D All growth in a single new settlement Temp or perm: Perm Timing: Short to long term Significance of effect: Significant	Option H Locating development in particular settlements where it could help fund projects	Preferred Option
8 To improve	X	√ √	√√	X	√ √
efficiency in land use and to conserve and enhance the district's open spaces and countryside in particular, those areas designated for their landscape importance, minerals, biodiversity and soil quality.	The provision of additional homes will require the use of greenfield land. This option does not automatically take account of designations such as Green Belt and Area of Outstanding Natural Beauty. Mitigation: A landscape Capacity Assessment should be carried out to inform the site selection process Likelihood:	The provision of additional homes will require the use of greenfield land; this option does take account of existing policy designations such as Green Belt and Area of Outstanding Natural Beauty. Mitigation / Enhancement: A landscape Capacity Assessment should be carried out to inform the site selection process	The provision of additional homes will require the use of greenfield land; this option does exclude development in the Green Belt or AONB. Mitigation / Enhancement: A landscape Capacity Assessment should be carried out to inform the site selection process Likelihood: High	This option does not automatically take account of designations such as Green Belt and Area of Outstanding Natural Beauty. Mitigation: A landscape Capacity Assessment should be carried out to inform the site selection process Likelihood: High Scale: District wide Temp or perm:	The issues raised in the assessments of options A, B,D & H are still relevant, when combining theoptions together. Enhancement: The landscape capacity assessment should be used to inform the site selection process. A detailed LVIA may be required, to prevent negative impacts to the Green Belt and/or AONB. Likelihood: High Scale: District wide Temp or perm:

	Option A Continue to use the Core Strategy distribution strategy	Option B Science Vale focus plus 'sustainable settlements'	Option D All growth in a single new settlement	Option H Locating development in particular settlements where it could help fund projects	Preferred Option
	High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.	Likelihood: High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant	District wide District wide Temp or perm: Perm Perm Short to long term Significance of Significant Significant Significant Significant Significant Significant Significant Significant		Perm Timing: Short to long term Significance of effect: Significant
9 To conserve and	Х	х	?	X	✓ X
enhance the district's historic environment including archaeological resources and to ensure that new development is of a high quality design and reinforces local distinctiveness.	Continuing to use the Core Strategy distribution strategy may have a detrimental impact on the historic environment and local distinctiveness. Henley, Thame and Wallingford and many of the larger villages have	Focusing the additional housing within Science Vale and sustainable settlements may have a detrimental impact on the historic environment and local distinctiveness. Sustainable settlements may not include historic	All growth in a single new settlement may have a detrimental impact the historic environment; however there is opportunity to choose a location that has no constraints. Mitigation:	This option does not automatically take account the historic environment. Mitigation: A landscape Capacity Assessment should be carried out to inform the site selection process Likelihood:	A combination of options A, B,D & H reduces the number of potential issues identified when considering each option alone and increases the number of positive impacts. Allowing development in a variety of locations will provide the opportunity to ensure that development occurs within the most suitable

Option A	Option B	Option D	Option H	Preferred Option
Continue to use the	Science Vale focus	All growth in a	Locating	
Core Strategy	plus 'sustainable	single new	development in	
distribution strategy	settlements'	settlement	particular	
			settlements where it	
			could help fund	
			projects	
constraints with	environment and	Identification of a	High	areas across the district,
regard to the	archaeological	news settlements	Scale:	this should ensure that the
historic environment	resources.	should include the	District wide	district's historic
and archaeological	Mitigation:	protection of	Temp or perm:	environment including
resources.	Identification of	historic environment	Perm	archaeological resources
Mitigation:	sustainable	and archaeological	Timing:	are protected.
The historic and	settlements should	resources	Short to long term	Mitigation:
archaeological	include the	Likelihood:	Significance of	The historic and
environment	protection of	High	effect:	archaeological
constraints should	historic environment	Scale:	Significant	environment constraints
be identified during	and archaeological	District wide		should be identified during
the site selection	resources	Temp or perm:		the site selection process,
process.	Likelihood:	Perm		towns and villages should
Likelihood:	High	Timing:		be excluded where
High	Scale:	Short to long term		additional housing would
Scale:	District wide	Significance of		lead to an adverse impact
District wide	Temp or perm:	effect:		on the historic
Temp or perm:	Perm	Significant		environment and
Perm	Timing:			archaeological resources.
Timing:	Short to long term			Likelihood:
Short to long term	Significance of			High
Significance of effect:	effect:			Scale:
	Significant			District wide
Significant				Temp or perm:
				Perm
				Timing:
				Short to long term
				Significance of

	Option A Continue to use the Core Strategy distribution strategy Core Strategy distribution strategy		Option D All growth in a single new settlement	Option H Locating development in particular settlements where it could help fund projects		Preferre	d Option		
10 To seek to								Significant	
address the causes and effects of climate change by: a) securing sustainable building practices which conserve energy, water resources and materials; b) protecting,	Developm take place flood zone and SUDS incorporat new devel this will be beneficial change ac	e only on e 1 land S will be ed into all opments, e to climate	Developm take place flood zone and SUDS incorporat new devel this will be beneficial change ac	e only on e 1 land S will be ed into all opments, e to climate	Development will take place only on flood zone 1 land and SUDS will be incorporated into all new developments, this will be beneficial to climate change adaptation.	Developm take place flood zone and SUDS incorporat new devel this will be beneficial change ac	e only on e 1 land S will be ed into all opments, e to climate	A combination A, B,D & H renumber of poidentified whe considering ealone. Allowing deversariety of local provide the opensure that development of the consure that development of the consumer	educes the tential issues en ach option elopment in a ations will poportunity to
enhancing and improving our water supply where possible c) maximizing the proportion of energy generated from renewable sources; and d) ensuring that the design and location of new development is resilient to the effects of climate change.	Increasing population result in profurther preferences example, capacity a sewage capacity and concentrate developments and comportunity opportunity in the capacity and capaci	a size may utting essure on for water nd apacity. Ation of ent in larger ill create	change adaptation. Increasing population may result in putting further pressure on resources for example, water capacity and sewage capacity. Mitigation / Enhancement: Include SuDS in all designs.		Although a new settlement will require the use of greenfield land; it would provide opportunities to secure innovative sustainable building practices and maximise the proportion of energy from decentralised and renewable.	Increasing population result in profurther preferences example, capacity a sewage capacity and sewage capa	n may utting essure on for water apacity.	occurs within suitable areas district, and the impacts will be Mitigation / Enhancement Include SuDS designs. Promote sust building pract conserve energources and	the most s across the ne positive e enhanced. ht: s in all ainable ices which ergy, water

Option A	Option B	Option D	Option H	Preferred Option
Continue to use the	<u>-</u>	All growth in a	Locating	
Core Strategy	plus 'sustainable	single new	development in	
distribution strategy	•	settlement	particular	
and the state of t			settlements where it	
			could help fund	
			projects	
innovative	Promote		p. 0,000	Consult with Thames
sustainable design	sustainable building	Mitigation /	Promote	Water with regard to
and construction	practices which	Enhancement:	sustainable building	water/sewage capacity.
methods to be	conserve energy,	Include SuDS in all	practices which	Likelihood:
used; including	water resources	designs.	conserve energy,	High
district heating /	and materials.	3.501g.101	water resources	Scale:
renewable energy	and materials.	Promote	and materials.	District wide
generation.	Consult with	sustainable building	and materials.	Temp or perm:
gonoration	Thames Water with	practices which	Consult with	Perm
Mitigation /	regard to	conserve energy,	Thames Water with	Timing:
Enhancement:	water/sewage	water resources	regard to	Short to long term
Include SuDS in all	capacity.	and materials.	water/sewage	Significance of
designs.	capacity.	and materials.	capacity.	effect:
designs.	Likelihood:	Consult with	capacity.	Significant
Promote	High	Thames Water with	Likelihood:	Olgrinicarit
sustainable building	Scale:	regard to	High	
practices which	District wide	water/sewage	Scale:	
conserve energy,	Temp or perm:	capacity.	District wide	
water resources	Perm	Likelihood:	Temp or perm:	
and materials.	Timing:	High	Perm	
and materials.	Short to long term	Scale:	Timing:	
Consult with	Significance of	District wide	Short to long term	
Thames Water with	effect:	Temp or perm:	Significance of	
regard to	Significant.	Perm	effect:	
water/sewage	Olgrinioarit.	Timing:	Significant.	
capacity.		Short to long term	Olgrinioant.	
Likelihood:		Significance of		
High		effect:		

	Option A Continue to use the Core Strategy distribution strategy	Option B Science Vale focus plus 'sustainable settlements'	Option D All growth in a single new settlement	Option H Locating development in particular settlements where it could help fund projects	Preferred Option
	Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.		Significant		
11 To reduce the risk of, and damage from, flooding.	Development will take place only on flood zone 1 land and SUDS will be incorporated into all new developments, this will be beneficial to climate change adaptation. Flood zones also exist in the vicinity of several larger villages. However, areas of land exist around these	There are a number of flood zones through-out the district, although land is available outside of the flood zones. Development will take place only on flood zone 1 land and SUDS will be incorporated into all new developments, this will be beneficial to climate	Development will take place only on flood zone 1 land and SUDS will be incorporated into all new developments, this will be beneficial to climate change adaptation. Although a new settlement will require the use of greenfield land; it would provide opportunities to	There are a number of flood zones through-out the district, although land is available outside of the flood zones. This option may limit the opportunities for developing outside of a flood zone Development will take place only on flood zone 1 land and SUDS will be	A combination of options A, B,D & H reduces the number of potential issues identified when considering each option alone. Allowing development in a variety of locations will provide the opportunity to ensure that development occurs within the most suitable areas across the district, and the positive impacts will be enhanced. Enhancement Use sequential test

	Option A Continue to use the Core Strategy distribution strategy not within a flood zone. Enhancement: Use sequential test approach Likelihood: High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.	Option B Science Vale focus plus 'sustainable settlements' Mitigation/ Enhancement: Identification of sustainable settlements should include constraints with regard to all types of flooding. Likelihood: High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.	Option D All growth in a single new settlement sustainable building practices. Enhancement: Use sequential test approach. Likelihood: High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.	Option H Locating development in particular settlements where it could help fund projects new developments, this will be beneficial to climate change adaptation. Enhancement: Use sequential test approach Likelihood: High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.	Likelihood: High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.
12 To seek to	0	0	0	0	0
minimise waste generation and encourage the reuse of waste through recycling, compost, or energy recovery.	No direct impact	No direct impact	No direct impact	No direct impact	No direct impact

	Option A	Option B	Option D	Option H	Preferre	d Option
	Continue to use the	Science Vale focus	All growth in a	Locating		
	Core Strategy	plus 'sustainable	single new	development in		
	distribution strategy	settlements'	settlement	particular		
				settlements where it		
				could help fund		
				projects		
13 To assist in the	√ √	✓	X	X	✓	X
development of:	Allocating	Focussing all	Focussing all	This option would	A combinatio	n of options
a) high and stable	development in the	additional housing	development in one	require significant	A, B,D & H re	duces the
levels of employment	towns and larger	in Science Vale and	new settlement will	amounts of housing	number of po	tential issues
and facilitating inward	villages will help	'sustainable	not contribute to	to achieve the	identified whe	en
investment;	promote existing	settlements' will	enhancing the rural	benefits sought.	considering e	ach option
b) a strong,	and new small firms	help promote	economy.	Unlikely to provide	alone. Allowir	ng
innovative and	and in turn enhance	existing and new	Mitigation:	benefits to all areas	development	in a variety
knowledge-based	the rural economy.	small firms and in	Ensure good	in need.	of locations w	
economy that deliver	Enhancement:	turn will contribute	sustainable	Mitigation:	the opportuni	
high-value-added,	There is little scope	to enhancing the	transport links are	Ensure good	that developn	
sustainable, low- impact activities;	to enhance this	rural economy.	provided to	sustainable	within the mo	
c) small firms,	effect.	However the	enhance the rural	transport links are	areas across	•
particularly those that	Likelihood:	impacts may not be	economy.	provided to	and the positi	•
maintain and	High	as beneficial	Likelihood:	enhance the rural	will be enhan	
enhance the rural	Scale:	depending on the	High	economy.	ensuring that	
economy; and	District wide	identification of	Scale:	Likelihood:	Vale, market	
d) thriving economies	Temp or perm:	sustainable	District wide	High	villages and	
in market towns and	Perm	settlements.	Temp or perm:	Scale:	in need of reg	,
villages	Timing:	Mitigation:	Perm	Large scale	and/or specifi	•
Villages	Short to long term	Ensure good	Timing:	Temp or perm:	benefit from t	
	Significance of	sustainable	Short to long term	Perm	effects. The	
	effect:	transport links are	Significance of	Timing:	of suitable se	ttiements is
	Significant.	provided to	effect:	Short to long term	essential.	
		enhance the rural	Significant.	Significance of	Mitigation:	0.104010-1-1-
		economy.		effect:	Ensure good	
		Likelihood:		Significant.	transport links	s are
		High				

	Option A Continue to use the Core Strategy distribution strategy	Option B Science Vale focus plus 'sustainable settlements'	Option D All growth in a single new settlement	Option H Locating development in particular settlements where it could help fund projects	Preferred Option
		Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.			provided to enhance the rural economy. Likelihood: High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.
14 To support the	✓	✓ X	X	X	√
development of Science Vale as an internationally recognised innovation and enterprise zone by: a) attracting new high value businesses; b) supporting innovation and enterprise; c) delivering new jobs; d) supporting and accelerating the	Providing new required housing: 55% of homes at Didcot, of the remainder 60% to market towns and 40% to the larger villages many of which are within the Science Vale area will provide opportunities for people to live and work close to the Science Vale area.	This approach is likely to deliver houses through the concentration of housing on the growth point within Science Vale. With further housing development allocated to the other "sustainable settlements". This option would support the Science Vale AAP; however	A new settlement will require significant infrastructure, and will not support improvement to the infrastructure required across the Science Vale area. Mitigation: Ensure adequate infrastructure provision is available through other sources.	This option is unlikely to add overall significant benefit to Science Vale area. Mitigation: There is little scope to improve this option. Likelihood: High Scale: Large scale Temp or perm: Perm	A combination of options A, B,D & H reduces the number of potential issues identified when considering each option alone. Market satuation within Science Vale will be less likely. The identification of suitable settlements is essential. Enhancement: Continue to monitor future housing numbers.

delinement	Option A Continue to use the Core Strategy distribution strategy	Option B Science Vale focus plus 'sustainable settlements'	Option D All growth in a single new settlement	Option H Locating development in particular settlements where it could help fund projects	Preferred Option
delivery of new homes; and e) developing and improving infrastructure across the Science Vale area.	Development not within the Science Vale area will not support improvement to the infrastructure required across the Science Vale area. Mitigation/ Enhancement: Ensure adequate infrastructure provision is available through other sources. Likelihood: High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.	in the long term, this could create housing market saturation. Mitigation/ Enhancement: Continue to monitor future housing numbers. Likelihood: High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant	Likelihood: High Scale: District wide Temp or perm: Perm	Timing: Short to long term Significance of effect: Significant.	Ensure adequate infrastructure provision is available through other sources. Work with services providers and Oxford City Council to ensure that their unmet housing needs are incorporated into the Local Plan development and future economic growth is considered. Likelihood: High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant

	Option A Continue to use the Core Strategy distribution strategy	Option B Science Vale focus plus 'sustainable settlements'	Option D All growth in a single new settlement	Option H Locating development in particular settlements where it could help fund projects	Preferred Option
15 To assist in the	0	0	0	0	0
development of a skilled workforce to support the long term competitiveness of the district by raising education achievement levels and encouraging the development of the skills needed for everyone to find and remain in work.	No direct impact	No direct impact	No direct impact	No direct impact	No direct impact
16 To encourage the development of a buoyant, sustainable tourism sector.	0 No direct impact	0 No direct impact	0 No direct impact	0 No direct impact	0 No direct impact

	Option A Continue to use the Core Strategy distribution strategy	Option B Science Vale focus plus 'sustainable settlements'	Option D All growth in a single new settlement	Option H Locating development in particular settlements where it could help fund projects	Preferred Option
17 Support	//	//	√ √	√ √	√ √
community involvement in decisions affecting them and enable communities to provide local services and solutions.	The Council has involved the community in the decision making process. Mitigation: Continue to work with the local community.	The Council has involved the community in the decision making process. Mitigation: Continue to work with the local community.	The Council has involved the community in the decision making process. Mitigation: Continue to work with the local community.	The Council has involved the community in the decision making process. Mitigation: Continue to work with the local community.	The Council has involved the community in the decision making process. Enhancement: Continue to work with the local community, particularly on site allocations via neighbourhood planning.