

Authority Monitoring Report







TECHNICAL APPENDIX 2017/18

Published December 2020

- 1. <u>Executive Summary and Headline Results</u>
 No further information.
- 2. <u>Introduction to the Authority Monitoring Report</u>
 No further information.

3. <u>Local Development Scheme, Policy Implementation and Duty to Cooperate</u>

Table 3.1: Appeal decisions 2017/18

	House- holder	Conservation / Listed Buildings	Housing Other		Enforce- ment	TPOs	Total
Dismissed	3	3	11	6	4	0	27
Allowed	0	0	5	0	1	0	6
Split	0	0	0	1	1	0	1
Withdrawn	0	0	0	0	5	0	6
Total	3	3	17	7	11	0	40

4. Borough Portrait

Table 4.1: Average¹ House Prices in Dacorum and Hertfordshire

	Detached	Semi- Detached	Terraced		Flats / Maisonettes	Average			
			2018						
Dacorum	£785,000	£501,300	}	E373,900	£262,100	£465,100			
Hertfordshire	£815,300	£498,600	9	E381,000	£280,800	£466,300			
2017									
Dacorum	£739,700	£463,900	£372,100		£273,500	£437,700			
Hertfordshire	£769,000	£485,700	£372	,800	£263,400	£435,000			
2016									
Dacorum	£759,600	£476,400	£355,600		£239,500	£404,100			
Hertfordshire	£756,200	£466,800	£359,400		£251,100	£417,700			

Source: Data produced by Herts Insight © Crown copyright 2017

¹ To the nearest 100 for 1st quarter. Taken 8/11/2017. http://atlas.hertslis.org/dataviews/view?viewld=977
This data is updated every month using the latest transaction data from HM Land Registry so the more recent data (2012 onwards) may change if new transaction data becomes available

Table 4.2: Ratio of house prices to residence-based earnings

	2017	2016	2015	2012	2007
Dacorum	11.17	9.93	9.77	8.34	8.22
Three Rivers	14.19	13.77	12.46	9.79	8.03
Watford	10.27	9.92	9.07	6.68	6.97
Hertsmere	14.24	14.23	13.22	10.07	9.20
St Albans	13.06	12.63	11.74	9.36	9.09
Hertfordshire	11.05	10.44	9.71	7.92	8.08
England	7.91	7.72	7.53	6.76	7.14

Source: Data produced by the ONS (median residence based earnings/median house price affordability ratio)

https://www.ons.gov.uk/peoplepopulationandcommunity/housing/datasets/ratioofhousepricetoresidencebasedearningslowerquartileandmedian

Table 4.3: Ratio of house prices to workplace-based earnings

	2017	2016	2015	2012	2007
Dacorum	12.77	11.16	11.91	8.75	8.23
Three Rivers	13.85	13.42	13.14	10.01	7.65
Watford	12.66	11.09	10.98	8.04	8.70
Hertsmere	14.22	13.98	12.67	9.65	10.37
St Albans	16.59	16.69	15.01	12.47	11.09
Hertfordshire	12.18	11.46	10.65	8.71	8.81
England	7.91	7.72	7.52	6.77	7.15

Source: Data produced by the ONS (median workplace based earnings/median house price affordability ratio

https://www.ons.gov.uk/peoplepopulationandcommunity/housing/datasets/ratioofhousepricetoworkplacebasedearningslowerquartileandmedian

5. <u>Sustainable Development Strategy</u>

(a) Promoting sustainable development

Table 5.1: Distribution of housing by type of settlement

		06/07	07/08	08/09	09/10	10/11	11/12	12/13	13/14	14/15	15/16	16/17	17/18	Total
Main Centre for Development and Change	Hemel Hempstead	268	281	168	158	516	354	263	157	243	386	559	433	3,786
% of Grai	nd total	67	73	40	67	86	79	90.7	71.2	64	58	77.3	73.9	70.8
	Berkhamsted	81	74	156	46	45	37	-22	11	24	124	74	24	674
Market Town	Tring	19	6	35	1	10	9	25	10	35	50	60	11	271
	Northchurch	1	-8	26	6	1	26	1	-1	1	-1	1	62	115
Tot	al	101	72	217	53	56	72	4	20	60	173	135	97	1,060
% of t	otal	25	19	52	22	9	16	1.4	9.1	16	26	18.7	16.6	19.8
	Bovingdon	9	1	7	2	0	0	0	1	4	3	7	0	34
Large Village	Kings Langley	0	2	13	7	12	3	2	1	6	6	6	3	61
	Markyate	1	12	4	4	6	2	6	14	45	56	5	0	155
Tot	Total		15	24	13	18	5	8	16	55	65	18	3	250
% of Grai		3	4	6	5	3	1	2.8	7.3	14	10	2.5	0.5	4.7
Small Village	Chipperfield	6	0	0	0	7	1	1	0	1	7	0	0	23
within the	Flamstead	-1	1	0	0	0	0	0	0	0	0	0	-1	-1
Green Belt	Potten End	0	-1	2	1	0	-1	2	0	-1	1	0	0	3
	Wigginton	0	1	0	0	0	1	1	0	-1	1	-1	0	2
Tot		5	1	2	1	7	1	4	0	-1	9	-1	-1	27
% of t		1	0	0	0	1	0	1.4	0	0	1	0	0	0.5
Small Village	Aldbury	0	0	0	0	0	0	0	0	-1	1	0	0	0
within the Rural area	Long Marston	2	0	0	0	0	0	0	0	0	0	0	0	2
Ruiai aiea	Wilstone	0	0	0	0	0	-1	1	0	0	0	1	-2	-1
Tot	al	2	0	0	0	0	-1	1	0	-1	1	1	-2	1
% of Grai	nd total	1%	0	0	0	0	0	0.3	0	0	0	0	0	0.02
Other Small Vil Country		14	15	7	12	6	16	10	26	23	25	11	56	221
% of Grai	nd total	4	4	2	5	1	4	3.4	11.9	23	4	1.5	9.6	4.1
Grand	total	400	384	418	237	603	447	290	219	379	659	723	586	5345

Note: All figures are net completions. Source: DBC Monitoring 2006-18

(b) Enabling convenient access between homes, jobs and facilities

Table 5.2: Accessibility of new development

Service	Gross Completions Service within 30 Minutes		% Acce	ssibility		pletions Minutes	% Accessibility		
	2016/17	2017/18	2016/17	2017/18	2016/17	2017/18	2016/17	2017/18	
Primary Schools	761	625	100%	100%	721	587	100%	100%	
Secondary Schools	718	718	94%	94%	686	686	95%	95%	
Employment	756	607	99%	97%	717	717	99%	99%	
GPs	755	628	99%	98%	717	579	99%	99%	
Hospitals	739	571	97%	91%	706	545	98%	93%	
Retail Centres	749	599	98%	95%	715	567	99%	97%	

Note: Public Transport includes buses, trains and walking

Source: HCC monitoring/Trac modelling

Table 5.3: Green Transport Plans – Qualifying criteria²

<u>Table 4:</u> National guidance on the thresholds requiring a travel plan or travel plan statement							
Land Use	Travel Plan Statement	Travel Plan					
A1 Food Retail	>250<800 sq. m	>800 sq. m					
A1 Non-food Retail	>800<1500 sq. m	>1500 sq. m					
A2 Financial and Professional Services	>1000<2500 sq. m	>2500 sq. m					
A3 Restaurants and Cafés	>300<2500 sq. m	>2500 sq. m					
A4 Drinking Establishments	>300<600 sq. m	>600 sq. m					
A5 Hot-food Takeaway	>250<500 sq. m	>500 sq. m					
B1 Business	>1500<2500 sq. m	>2500 sq. m					
B2 General Industrial	>2500<4000 sq. m	>4000 sq. m					
B2 Storage or Distribution	>3000<5000 sq. m	>5000 sq. m					
C1 Hotels	>75<100 sq. m	>100 sq. m					
C2 Residential Institutions - Hospitals, Nursing homes	>30<50 beds	>50 beds					
C2 Residential Institutions - Residential Education	>50<150 students	>150 students					
C2 Residential Institutions - Institutional Hostels	>250<400 residents	>400 residents					
C3 Dwelling Houses	>50<80 units	>80 units					
D1 Non-residential Institutions	>500<1000 sq. m	>1000 sq. m					
D2 Assembly and Leisure	>500<1500 sq. m	>1500 sq. m					

² Hertfordshire's Travel Plan Guidance for Business and Residential Development (May 2014), table 4: https://www.hertfordshire.gov.uk/media-library/documents/highways/development-management/travel-plan-guidance.pdf

Table 5.4: Green Transport Plans - Qualifying Schemes

Application No.	Address	Use Class	Green Travel Plan to be provided ³
4/2607/17	Roy Chapman Ltd and Davis and Samson, Gossoms End, Berkhamsted	A1	Yes
4/883/17	The Arts educational school, Tring Park, Tring, HP23 5LX	C2/D1	Yes
4/2035/17	The Marlowes centre, Marlowes, Hemel Hempstead, HP1 1DX	D2	Yes
4/3157/16	Lucas Aerospace Ltd, Maylands Avenue, Hemel Hempstead	A1/B1	Yes
4/2876/16	Shendish Manor, London Road, Apsley, Hemel Hempstead, HP3 0AA	D2	Yes
4/2849/14	Abbots Hill School, Bunkers Lane, Hemel Hempstead	D1	No
4/2124/08	Land at Breakspear House, Maylands Avenue, Hemel Hempstead	B1	Yes
4/3157/16	Land at, Maylands Avenue, Hemel Hempstead	A1/A3/A5/B1	Yes
4/722/17	499 London Road, Hemel Hempstead, HP3 9BQ	B1	Yes
4/64/17	Maylands Gateway, Maylands Avenue, Hemel Hempstead, HP2 4FQ	B1/B2/B8	Yes
4/1336/06	Folly Farm, Long Marston	C1	No
4/3473/16	Former Royal Mail, 32 High Street, Kings Langley, WD4 8AA	C2	Yes
4/2351/13	Land at North East Hemel Hempstead (adj to Nickey Line), Three Cherry Trees Lane, Hemel Hempstead	A1/C3	Yes ⁴
4/689/14	Land at 66 & 72 Wood Lane End, Maylands Avenue, Hemel Hempstead, HP2 4RF	B1/C3	Yes
4/1173/11	Land At Hicks Road, Markyate, St. Albans, AL3 8LH	B1/B2/B8/C3	Yes
4/2772/15	Viking House, Swallowdale Lane, Hemel Hempstead, HP2 7EA	C3	Yes
4/3441/15	Symbio Place, Whiteleaf Road, Hemel Hempstead, HP3 9PH	C3	Yes
4/3180/17 4/1459/18	Land off Dacorum Way between Marlowes, Combe Street and River Gade, Hemel Hempstead	C3	Yes
4/3241/14	Land at Junction of Durrants Lane &, Shootersway, Berkhamsted	C3	Yes
4/2419/04	Land adj. The Manor Estate, Apsley, Hemel Hempstead	C3	No

 ³ Either via condition or S106 agreement
 ⁴ A Travel Plan Framework was provided with the outline scheme under 4/1477/09

Application No.	Address	Use Class	Green Travel Plan to be provided ³
4/424/15	Jarman Park, Jarman Way, Hemel Hempstead	A1	Yes

Source: DBC Employment Land Position Statement No. 42 (1st April 2018) and Residential Land Commitments Position Statement No. 45 (1st April 2018)

Table 5.6: Amount of New Residential Development within 30 minutes Public Transport Time

Service	Gross Completions within 30 Minutes	% Accessibility	Net Completions within 30 Minutes	% Accessibility
Primary Schools	625	100%	587	100%
Secondary Schools	718	94%	686	95%
Employment	607	97%	717	99%
GPs	628	98%	579	99%
Hospitals	571	91%	545	93%
Retail Centres	599	95%	567	97%

Note:

Public Transport includes buses, trains and walking

Defined in the Local Development Framework Core Output Indicators update 1/2005 The result 100000000 indicates that the model has found that the development is not within 30 minutes public transport time and/or outside of the 7am - 9am Monday morning period

Percentages rounded to nearest 1%

(c) Securing quality design

No further information provided.

6. <u>Strengthening Economic Prosperity</u>

(a) Creating jobs and full employment

No further information provided.

(b) Providing for offices, industry, storage and distribution

Annual employment floorspace change 2011-2018

Table 6.1 below gives information on annual floorspace change since 2011. Between 2011 and 2018, office floorspace fell by 51,000 sq. metres and industry, storage and distribution space by 22,000 sq. metres. Points particularly worth noting are as follows:

- Only 19,000 sq. metres of new office floorspace was completed over this period, a very low figure.
- There was a net loss of office floorspace every year except 2016-2017.
- The amount of new industry, storage and distribution floorspace completed 2011-2018 is considerably higher (86,000 sq. metres) than the figure for offices, but not sufficient to prevent a net loss of B1(c)/B2/B8 floorspace.

Table 6.1: Annual employment floorspace (sq. metres) change 2011-2018 by activity

	2011- 2012	2012- 2013	2013- 2014	2014- 2015	2015- 2016	2016- 2017	2017- 2018	Total 2011- 2018
Floorspace gain								
Offices	1,380	1,161	1,209	3,872	1,192	8,466	1,543	18,823
Industry, storage and distribution	14,086	6,492	3,502	10,324	21,672	21,619	7,971	85,666
B-class total	15,466	7,653	4,711	14,196	22,864	30,085	9,514	104,489
Floorspace loss								
Offices	-22,965	-1,833	-10,993	-7,509	-11,998	-7,063	-7,433	-69,794
Industry, storage and distribution	-26,209	-5,448	-20,283	-8,711	-18,117	-20,270	-8,678	-107,716
B-class total	-49,174	-7,281	-31,276	-16,220	-30,115	-27,333	-16,111	-177,510
Floorspace net change								
Offices	-21,585	-672	-9,784	-3,637	-10,806	1,403	-5,890	-50,971
Industry, storage and distribution	-12,123	1,044	-16,781	1,613	3,555	1,349	-707	-22,050
B-class total	-33,708	372	-26,565	-2,024	-7,251	2,752	-6,597	-73,021

Main sites where employment floorspace has changed 2011-2018

The table below shows the sites where a loss or gain of over 2,500 sq. metres of B-class floorspace has been completed since 2011.

Table 6.2: Main changes in employment floorspace (sq. metres) 2011-2018

Location	Settlement	Off	ices	Industry, storage and distribution		Description
		Gain	Loss	Gain	Loss	
2011-2012						
Lord Alexander House, Waterhouse Street	HH ⁵ (town centre)		-4,020			Change of use offices to residential, community hall and A2/D1; roof extension
Former Northgate site, Boundary Way	HH (Maylands ⁶)		-17,500			Demolition of office buildings damaged in Buncefield explosion
Golden West Foods Ltd, Boundary Way	HH (Maylands)				-10,163	Demolition of industrial buildings damaged in Buncefield explosion
Land at Breakspear House, Maylands Avenue	HH (Maylands)				-5,175	Demolition of warehouse
2013-2014						
Between Hemel One and Pentagon Park (Plot B), Boundary Way	HH (Maylands)			2,622		Construction of data centre unit
2014-2015						
Adj. Technologies House, Wood Lane End (Henkel)	HH (Maylands)	3,779				Office HQ building
Former Royal Mail Sorting Office, Paradise Industrial Estate, Park Lane	HH (town centre)			7,011		Self-storage building and housing
2015-2016						
Former Express Dairy, Riversend Road	HH			9,703		Self-storage building
Corner Hall (Brindley House, Brunel Court and Clifton Court (part))	НН		-3,244			Change of use offices to residential (prior approval)
Swan Court, Waterhouse Street	HH (town centre)		-3,111			Change of use offices to residential (prior approval)
Drew House and The Factory, Ebberns Road	НН				-2,900	Redevelopment for residential use
Former egg packing facility,	Gubblecote				-4,056	Redevelopment for housing

⁵ HH = Hemel Hempstead

⁶ Maylands = Maylands Business Park, Hemel Hempstead

Lukes Lane						and business units
2016-2017						
Century House, 100 Maxted Road	HH (Maylands)	1,570	-11,,33500	77,22500	4 ,456 50	Remodelling and extensions (Smiths Detection)
The Forum, Marlowes	HH (town centre)	6,326				Council offices, voluntary services offices and library
Maylands Point, Maylands Avenue	HH (Maylands)			5,761		Two industrial units
Bourne End Mills Industrial Estate, Bourne End Lane	Bourne End			6,407	-10,993	Redevelopment to provide B1(c), B2 and B8 floorspace
2017-2018						
47 Maylands Avenue	HH (Maylands)			6,375		Storage and distribution building (self-storage)
Gas Works, London Road	HH				-6,876	Demolition of buildings

Key points to note from table 6.2 are as follows:

- Only two large new office buildings have been constructed, both for particular occupiers (Henkel and Dacorum Borough Council (The Forum)).
- The three largest new industry, storage and distribution schemes (totalling 24,000 sq. metres) were self-storage buildings, which do not meet normal B8 needs.
- In 2011-2012, over 27,000 sq. metres of floorspace was lost on sites damaged by the 2005 Buncefield explosion. These sites have since been re-occupied.
- There have been some other significant losses of employment floorspace, partly through office to residential prior approval schemes.
- The largest redevelopment scheme, at Bourne End Mills, provided high quality new B1/B2/B8 space. However, there was a net loss of employment floorspace, as part of the site is being redeveloped for housing.

Office to residential prior approval schemes

Since 2014, there has been a total loss of over 17,300 sq. metres of office floorspace through office to residential prior approval schemes:

Table 6.3: Prior approval office to residential schemes, completions 2014-2018

Office floorspace lost (sq. metres)										
2014-2015	2015-2016	2016-2017	2017-2018	Total 2014- 2018						
290	9,293	5,705	2,048	17,336						

Most of this loss (16,300 sq. metres) was in the town centres (mainly Hemel Hempstead) or General Employment Areas as shown in Table 6.4 below:

Table 6.4: Prior approval office to residential schemes, location of completions 2014-2018

Location	Floorspace lost (sq. metres)
Town centres (Berkhamsted, Hemel Hempstead and Tring)	9,102
O 7	7.404
General Employment Areas	7,194
Rest of Dacorum	1,040
Total all schemes	17,336
Hemel Hempstead town centre	7,833
Maylands Business Park	1,902

Permitted but not started prior approval schemes for change of use from offices to housing at 1 April 2018, plus schemes subsequently approved involve the loss of 27,800 sq. metres of office floorspace (Table 6.5). These schemes account for 88% of the total permitted office floorspace loss.

Completed and permitted prior approval schemes (if implemented) will result in the loss of over 45,000 sq. metres of office floorspace. This is a major factor in Dacorum's employment land supply. Using Homes England's guidance on office employment densities (1 worker per 14.4 sq. metres), this represents enough space for over 3,000 office jobs.

97% of the completed and permitted losses from prior approval schemes are in the town centres or General Employment Areas. Indeed, 50% of the losses are in Hemel Hempstead town centre, causing a significant decline in the town centre's role as an office centre. Half of the losses in the General Employment Areas are on Maylands Business Park.

Table 6.5: Prior approval office to residential schemes completed and permitted (sq. metres)

Location	Floorspace lost 2014-2018	Permitted losses 01.04.18	Total	% of total
Town centres (Berkhamsted, Hemel Hempstead and Tring)	9,102	16,351	25,453	56
General Employment Areas	7,194	11,171	18,365	41
Rest of Dacorum	1,040	267	1,307	3
Total all schemes	17,336	27,789	45,125	100
Hemel Hempstead town centre	7,833	14,741	22,574	50
Maylands Business Park	1,902	7,259	9,161	20

Dacorum Employment Land Supply on Major Sites (November 2018)

Table 6.6 below provides information on sites where there is potential for gains or losses of over 1,000 m² of B-class floorspace from 31 March 2018. The right hand column in the table indicates which sites are already under construction or have been completed since 31 March 2018. For sites not yet started, this column gives an assessment of the prospects for development taking place.

There are a number of sites listed in Table 6.6 above where there is considerable uncertainty over whether employment losses or gains will actually occur. Table 6.7 summarises the information on sites where there is thought to be a particularly high degree of uncertainty.

Table 6.6: Sites with potential for gains or losses of over 1,000 m² of B-class floorspace

	Site area	Planning ref.		ices	Industry, storage and distribution		Comments	Progress / development prospects
	(ha.)	(lapse date)	chang	space ge from 03.18	Floorspace change from 31.03.18			
			Gain	Loss	Gain	Loss		
Hemel Hempstead								
1. Maylands Business Park								
The Campus, 150 Maylands Avenue (Gyron)	3.00	01399/13			23,358		Mixed use development permitted for Gyron, including HQ offices (9,093 m²) and data storage facility (23,358 m²).	Data storage building completed since 31.03.18. Gyron have decided not to build the offices. Industrial development is taking place instead (see Spring Park below).
Spring Park, Maylands Avenue/Spring Way	0.75	03054/17			3,790		Planning application granted for six industrial units (B1(c)/B2/B8).	Construction started since 31.03.18.
Former Catherine House, Boundary Way	0.44	00031/13	1,495		462		Vacant site. Permission granted for industrial building (Use Class B1, B2 and B8).	Development started, but little progress made.
Maylands Avenue/Wood Lane End (south east) Heart of Maylands, Sites	4.0	00676/14/ MFA 00689/14/ OUT	1,480 (Site 2b)			-7,593 (Sites 2b & 2c)	Sites 1 and 2a: planning permission granted (4/00676/14/MFA) - mixed Class-A uses; housing; church.	Sites 1 and 2a: Development completed
1 and 2 (SE area) See Heart of Maylands Development Brief (October 2010): http://www.dacorum.gov.uk/docs/default-source/regeneration/heart-of-maylands-		(02/19) 00699/14/ DEM				-5,290 (Site 2d)	Sites 2b & 2c: owned by CBRE (different pension funds)): outline planning permission granted for housing (4/00689/14/OUT). One building (1,480 m²) is proposed for either flats or offices subject to demand (offices assumed in column 4). Existing B8 buildings to be demolished. Site 2d: planning application for 57 homes	Sites 2b & 2c: redevelopment expected, with loss of existing buildings. High uncertainty over whether any new offices will be provided. Site 2d: redevelopment
development- brief.pdf?Status=Master& sfvrsn=0							(00635/18/MFA) submitted by CALA Homes. Existing industrial/warehousing buildings to be demolished.	expected, with loss of existing building.

Maylands Avenue/Wood Lane End (north west) Heart of Maylands, Site 3 (NW area) See Heart of Maylands Development Brief	1.0	03252/15	550 (Wood House)	Southern part of site (Wood House). Site purchased by DBC for affordable housing. Planning permission (4/03252/15/MFA) granted for housing and commercial/office space (550 m²), to be used as an overflow for the Maylands Business Centre. Under construction. Previous warehouse (assume floorspace = 2,900 m²) demolished in 2014-2015.	Wood House: under construction.
				Northern part of site (Knoll House). Owned by DCC Foods. Change of use from B1 to mixed class B1 (light industrial, research and development and ancillary offices) to B8 implemented (4/01319/14/FUL). Involved a net gain of 461 m² offices and a net loss of 461 m² industrial/warehousing space.	Knoll House: change of use completed.
Maylands Avenue/Wood Lane End (south west) Heart of Maylands, Sites 4 and 6 (SW area) See Heart of Maylands	1.1			The site is in multiple ownerships (including DBC), mostly freehold, but some leased out. Site 4 is used for mixed A and B-class uses, motor trade uses and a public car park. Site 6 is in B-class use. The Heart of Maylands Development Brief	No current redevelopment proposals. Longer-term prospects for redevelopment are uncertain.
Development Brief				proposes mixed retail, leisure, office and residential uses on Site 4. However, the brief recognises that this site will be complex to deliver, given the multiple small ownerships.	
				The brief does not contain any proposals for Site 6.	
Wood Lane End	0.15			Currently in A2 use (banks).	No current redevelopment proposals. Longer-term
Heart of Maylands, Site 5 (Wood Lane End) See Heart of Maylands Development Brief				The Heart of Maylands Development Brief does not contain any proposals for this site. Relocation of the banks appears unlikely to be viable.	prospects for redevelopment are uncertain.
Breakspear House, Maylands Avenue	1.55	02124/08	1,095	Previous development demolished.	The proposed flats in the current planning application

(Kier Park) Maylands Gateway, Site 1: see Maylands Gateway Development Brief (Revised May 2013): http://www.dacorum.gov.u k/docs/default- source/default-document- library/maylands- development- brief.pdf?sfvrsn=0					Hotel (Travelodge) and A3/A5 uses completed on part of site; offices (6,455 m²: site area 0.4 ha.) permitted on the rest (ref. 4/02124/08). This permission cannot lapse, but is unlikely to be implemented. Application 4/02286/18/MFA submitted for 268 flats and 1,095 m² offices (on the land proposed for offices under 4/02124/08).	are contrary to policy. However, the site has been vacant for many years, so DBC may accept a mixed residential/office scheme.
Aviva Site, Maylands Avenue Maylands Gateway, Site 2: see Maylands Gateway Development Brief	6.5	03157/16	2,787		The Council has approved application (4/03157/16/MFA), giving full permission for retail (12,503 m² Class A1) and cafés/restaurant (725 m²) and outline permission for offices (2,787 m²)	Construction of retail park started since 31.03.18. The Planning Statement accompanying the application says the timing of the offices is uncertain due to lack of demand. The location of the offices (accessed via the retail park's car park) may not be commercially attractive.
Former Lucas and Kodak sports grounds / caravan park (HCA site) Maylands Gateway Site 3: see Maylands Gateway Development Brief	13.1	00064/17		54,714	Prologis has obtained planning permission for flexible commercial floorspace (B1(c)/B2/B8 with ancillary offices).	Under construction.
Breakspear Way/ Green Lane/ Boundary Way (DBC site) Maylands Gateway Site 4: see Maylands Gateway Development Brief	9.7		20,000	10,000	This site comprises two parcels of land: 1. Breakspear Way / Buncefield Lane / Green Lane /Boundary Way (4.8 ha.): The Breakspear Way frontage is prominently located and is suitable for landmark HQ offices. Industrial/warehousing development is more likely on the rest of the site.	Parcel 1: The Council intends to market the site shortly. The split between office and industrial/warehousing development is uncertain. 20,000 m² offices and 10,000 m² industry/warehousing is assumed, but office development may not be

							2. Caravan storage site, Boundary Way (4.9 ha.): The existing use provides the Council with an income. Most of the site is within the Buncefield Inner Zone, so workplaces should employ under 100 people in each building.	viable. Parcel 2: Part of the site may be retained for caravan storage. No B-class floorspace is assumed, but the land not retained for caravan storage might be developed for B8 buildings or open storage.
Vantage House, Mark Road		01352/18 OPA (07/21)		-1,720			Prior approval schemes granted for change of use from offices to residential. The most recent approval (for 30 flats) was granted since 31.03.18 (ref. 4/01352/18/OPA).	Not started. Loss of existing offices seems likely.
Grovelands Business Centre, Grovelands		00557/17/ OPA (08/20)		-4,266			Prior approval granted for change of use from offices to residential (56 flats).	Not started. Loss of existing offices seems likely.
Swallowdale Lane/Eastman Way	0.33	00634/18/ MFA (6/21)	1,494				Planning permission granted since 31.03.18 for four office units on this undeveloped land.	Not started. Loss of existing offices seems likely.
Nexus House, Boundary Way		01588/18/ OPA (09/21)		-1,273			Prior approval granted since 31.03.18 for change of use from offices to residential (26 flats).	Not started. Loss of existing offices seems likely.
Former Keystone site, Three Cherry Trees Lane		02072/17/ MFA			2,811		Planning permission granted to J Murphy and Son (demolition contractors) for a B2/B8 unit with ancillary offices.	Not started. Loss of existing offices seems likely.
Maylands Business Park: totals			28,901	-7,259	95,135	-12,883		
2. Rest of Hemel Hempstead								
Clifton Court, Corner Hall		Nos. 1&4: 00383/16/ OPA (04/19) No.5: 00329/17/ OPA		-573 -200			Prior approval granted (4/01306/13) for change of use all four office buildings at Corner Hall to residential (70 flats). Conversion to housing completed at Brindley House (1,720 m² offices) and Brunel Court (1,324 m² offices). Telford House will remain in office use. Clifton Court (1,4221 m² offices): further prior	Loss of existing offices seems likely.

			•			,
		(04/20)			approval applications approved subsequently for different parts of the building. Conversion to housing completed at 2 and 3, and 6 Clifton Court (loss of 648 m²), but not at nos. 1 & 4 and 5.	
Frogmore Road See Site Allocations Development Plan document: http://www.dacorum.gov.u k/home/planning- development/planning- strategic-planning/local- planning-framework/site- allocations/site- allocations-adopted-(12- july-2017)	3.0			-12,000	Allocated for housing development in the Site Allocations DPD (site H/13), adopted July 2017. Estimated loss of industrial/warehousing floorspace is 12,000 m² (site area = 3 hectares; assuming plot ratio = 40%). The Council has granted permission for housing (4/01331/18/MFA) on nearly half of the site (1.32 ha.).	Redevelopment expected, with loss of existing buildings.
Paradise/Wood Lane See Site Allocations Development Plan Document			5,000	-5,000	part of the former Paradise General Employment Area, as designated in the Local Plan. However, it was reallocated as mixed use proposal MU/3 in the Site Allocations DPD (adopted July 2017), with proposed uses being B1 led business use and housing. Planning permission (4/01121/18/MFA) has been granted for housing (44 flats) since 31.03.18, involving the loss of 938 m² B1(c) floorspace.	It is uncertain how much employment floorspace will be demolished or built on this 3 hectare site. The estimates in columns 4 and 7 reflect the Site Allocations DPD. However, office development may not be viable and there may be pressure for most or all of the site to be redeveloped for housing.
Ebberns Road See Site Allocations Development Plan Document				-1,800	Proposed for housing in Local Plan (Policy 33) and the Ebberns Road Development Brief. The land still in industrial use was allocated for housing development in the Site Allocations DPD (site H/4). Housing is now being built on two parts of H/4: Drew House and The Factory: Permission 4/00931/13/MFA, with 2,900 m² B2 floorspace lost.	No current redevelopment proposals for the buildings still in B-class use. Redevelopment seems likely in due course.

					Heath House: permission 4/02431/15/MFA, with 1,287 m² industrial/warehousing floorspace lost. Two remaining industrial/warehousing buildings in the middle of the site not covered by the above permissions have an estimated floorspace of around 1,800 m².	
Hempstead House, Selden Hill		00193/18 OPA (03/21)	-2,438		Prior approval granted for change of use offices to residential, most recently under 4/00193/18/OPA (64 flats). The development involves a loss of 2,437 m² offices. Since 31.03.18, a planning application (4/01381/18) has been submitted for extensions to the building to provide a further 41 flats.	Loss of existing offices seems highly likely.
11 Bridge Street		01825/17/ OPA	-1,000		Prior approval granted for change of use from offices to residential, most recently under 4/01825/17/OPA (29 flats). Permission (4/00048/16) also been granted for 9 flats on the roof.	Construction started since 31.03.18.
Bryanston Court, Selden Hill		00644/17	-5,778		Prior approval (4/03283/15/OPA) granted for change of use from offices to residential (60 flats). Planning permission (4/00644/17/MFA) subsequently granted since 31.03 17 for change of use to housing and residential extensions (109 flats).	Construction started since 31.03.18.
Spencer's Park phase 2, Three Cherry Trees Lane	1.77			7,500	This site forms the southern part of Local Plan employment proposal site E4. The Core Strategy (Figure18) proposes mainly housing development at Spencer's Park (Site E4 and adjoining land). The Council has resolved to permit outline application (4/02539/16/MOA) for housing led development on the Spencer's Park phase 2 site, subject to a S106 agreement being entered into. The application proposes up to 7,500 m² of employment development (B1, B2, B8) in the south of the site, where proximity to the Buncefield oil terminal rules out housing.	The proposed employment development seems likely to be implemented.

							subject to a S106 agreement being entered into.	
Hamilton House, 111 Marlowes		03150/17/ OPA (02/21)		-3,340			Prior approval granted for change of use from offices to residential (49 flats). Since 31.03.18, permission (4/00862/18/FUL) has been granted for additional flats on the roof.	Loss of existing offices seems likely.
Hemel Hempstead Station Gateway, London Road See Site Allocations Development Plan Document		00722/17/ MOA (06/20) 00731/17/ MOA (06/20)	4,311 (499 London Road) 1,639 (501 London Road)			-816 (499 London Road) -629 (501 London Road)	The site is allocated for a housing-led mixed use redevelopment (proposal MU/4 in the Site Allocations DPD). An improved transport interchange and a new multi storey car park are proposed. Other commercial uses that complement the operation of the railway station are also encouraged. A more detailed masterplan for the site is currently being prepared. The MU/4 site includes 499 and 501 London Road, which are in motor trade use. Outline planning permission has been granted to redevelop this land for offices. A further application (4/01591/17/MOA) for 16,157 m² offices was refused, but not on land use principle grounds. A subsequent appeal was dismissed.	It is uncertain if any offices will be built on the MU/4 site, as offices may not be viable and housing development may be proposed (in accordance with the Site Allocations DPD).
Rest of Hemel Hempstead: totals			10,950	-13,329	7,500	-20,245		
Hemel Hempstead: totals			39,851	-20,588	102,635	-33,128		
Berkhamsted								
Berkhamsted: totals			-			-		
Tring								
Western Road See Site Allocations Development Plan Document	0.47					-2,000	Proposed for housing in Local Plan (Policy 33) and the Western Road Concept Statement (2006). A small part has been implemented. The land still in industrial use was allocated for housing development in the Site Allocations DPD (site H/16).	No current redevelopment proposals for the buildings still in B-class use. Redevelopment seems likely in due course.

						An estimated 2,000 m ² industrial/warehousing floorspace remains on the site.	
Icknield Way See Site Allocations Development Plan Document	0.75			3,000		The Site Allocations DPD (adopted July 2017) proposes the extension of the Icknield Way GEA into the Local Allocation LA5 site – see proposal E/1 in the Schedule of Employment proposals and Sites, and Policy LA5 (Icknield Way, West of Tring). An extension of 0.75 hectares is proposed. A hybrid planning application (4/00958/18/MFA) for the development of the LA5 site has been submitted. Mixed use development is proposed, including 226 homes and 0.75 hectares of employment development (B1 (a), (b) and (c)). Full planning permission is sought for the housing development and outline permission for the employment development).	The proposed employment development seems likely to be implemented.
Akeman Street	0.8	01257/16/ OPA (09/19) 02762/16/ OPA (11/19)	-2,999			Designated as a GEA in the Local Plan. The Site Allocations DPD (adopted July 2017) proposes housing development on the Langdon Street haulage yard (site H/17). It retains rest of GEA, but accepts a range of non-residential mixed uses including social and community facilities, to reflect the Core Strategy. Planning permission (4/02884/15) granted to redevelop the H/17 site for housing (375 m² of B8 floorspace lost 2016-17). Prior approval (4/01257/16 and 4/02762/16) granted to convert most of the rest of this GEA (Akeman Business Park) to housing (41 flats). The development involves a loss of 2,999 m²	Loss of existing offices seems likely.
Tring: totals			-2,999	3,000	-2,000	offices.	
Kings Langley							
Sunderland Yard, Church Lane	1.23					The Local Plan Policies Map shows this site as being within the residential area, so housing development would be acceptable in principle.	No current redevelopment proposals. Longer-term prospects for redevelopment

Kings Langley: totals						Existing industrial/warehousing floorspace is estimated to be 5,560 m². The Dacorum Employment Land Availability Assessment (Peter Brett Associates, October 2017) stated that the site is well used and suitable for local businesses and that it should be safeguarded for its existing employment use. In the new Local Plan, the Council will decide whether the site should become a GEA.	are uncertain.
Kings Langley, totals		_					
Markyate							
Hicks Road See Core Strategy and Site Allocations Development Plan Document	01173/11			1,052	-1,100 (north part)	Mixed use redevelopment of most of site (1.9 ha.) for housing and other uses including employment has largely been completed, reflecting Hicks Road Masterplan (updated June 2012) and the Core Strategy's proposals for Strategic Site SS2. Most of the original employment buildings have been demolished, but Sharose Court has been retained. Planning permission 4/01173/11/MFA excludes part of the SS2 site north of Hicks Road. This land has been allocated for housing development (site H/20) in the Site Allocations DPD (adopted July 2017). Assume loss of 1,100 m² industrial/warehousing floorspace.	It is uncertain whether the new employment floorspace permitted under 4/01173/11/MFA will be built. North part (site H/20): no current redevelopment proposals. Redevelopment seems likely in due course.
Markyate: totals		-		1,052	-1,100		
Rest of Dacorum							
Home Farm, Great Gaddesden	00012/11	1,326				Alterations and change of use of agricultural buildings to offices and a meeting room permitted (gain of 1,578 m² offices). 78 m² completed 2013-14, 174 m² completed 2014-15.	Under construction.
Rest of Dacorum: totals		1,326					
Dacorum: totals		41,177	-23,587	106,687	-36,228		
Dacorum: net floorspace change		17	,590	70	,459		

Table 6.7: Major sites with high uncertainty over prospects for employment floorspace change (sq. metres)

Location	Settlement ⁷	Offi	ces	Industry, storage and distribution		Development prospects
		Gain	Loss	Gain	Loss	
Maylands Avenue/Wood Lane End (south east) Heart of Maylands, Sites 1 and 2 (SE area)	HH (Maylands)	1,480				One building (1,480 m²) is proposed for either flats or offices subject to demand. High uncertainty over whether any new offices will be provided.
Aviva Site, Maylands Avenue Maylands Gateway, Site 2	HH (Maylands)	2,787				The location of the offices (accessed via the retail park's car park) may not be commercially attractive.
Breakspear Way/ Green Lane/ Boundary Way (DBC site) Maylands Gateway Site 4	HH (Maylands)	20,000		10,000		The split between office and industrial/warehousing development is uncertain. 20,000 m2 offices and 10,000 m2 industry/warehousing is assumed, but office development may not be viable.
Paradise/Wood Lane	HH (Town centre)	5,000			-5,000	It is uncertain how much employment floorspace will be demolished or built on this 3 hectare site. Office development may not be viable and there may be pressure for most or all of the site to be redeveloped for housing.
Hemel Hempstead Station Gateway, London Road	НН	5,950			-1,445	Outline permission has been granted for 5,950 sq.m. offices at 499 & 501 London Road. However, it is uncertain if any offices will be built at the Station Gateway, as offices may not be viable and housing development may be proposed (in accordance with the Site Allocations DPD).
Hicks Road	Markyate			1,052		It is uncertain whether the new employment floorspace permitted under 4/01173/11/MFA will be built.
Total		35,217		11,052	-6,445	

⁷ See footnotes 3 and 4.

(c) Supporting retailing and commerce

No further information provided.

(d) Economic Development Strategy

No further information provided.

7. Providing homes and community services

(a) Providing Homes

Table 7.1: Housing Completions compared to total required over the Plan period: 2006-2031

25 Year Core Strategy Requireme	10,750	
	Net Completions	
April 2006 – March 2007	400	
April 2007 – March 2008	384	1
April 2008 – March 2009	418	1
April 2009 - March 2010	237	
April 2011 - March 2011	603	1
April 2011 - March 2012	447	1
April 2012 - March 2013	290	1
April 2013 - March 2014	219	1
April 2014 - March 2015	379	1
April 2015 - March 2016	659	1
April 2016 - March 2017	723	1
April 2017 – March 2018	586	
Total 12 year completions	5,345	
Remaining 13 year completions 2	5,405	
Annualised remaining requiremen	416	
Actual Annual rate achieved (5,34	5/12)	445

Source: DBC Residential Land Position Statement No. 44 1st April 2018

Table 7.2a: Core Strategy 5-year housing land supply calculations (1st April 2019 to 31st March 2024) (5% Buffer)

25 year Core Strategy requirement 1 April 2006 – 31 March 2031	10,750
Completions 1 April 2006 – 31 March 2018	5,345
Projected completions (current year) 2018/19	495
Total projected completions 2006-2019 (5,345+495)	5,840
Remaining Core Strategy requirement 2019 – 2031 (10,750 – 5,840)	4,910
Requirement for 2006 - 2019 (430 x13)	5,590
Shortfall/excess 2006 - 2019 (5,590 - 5,840)	-250
5 year requirement for 2019 – 2024	2,258
Core Strategy unadjusted housing target (430 x 5) = 2,150	
Plus Shortfall = 0	
Plus 5% buffer on shortfall (5% of 0) = 0	
Plus 5% buffer brought forward from later in plan period (5% of	
2,150) = 108	
Annual adjusted 5 year requirement (2,258 / 5)	452
Projected supply 2019/20 - 2023/24	4,059
No. of years supply (4,059 / 452)	9.0
	years

Source: DBC Residential Land Position Statement No. 44 1st April 2017

Table 7.2b: Core Strategy 5-year housing land supply calculations (1st April 2019 to 31st March 2024) (20% Buffer)

25 year Core Strategy requirement 1 April 2006 – 31 March 2031	10,750
Completions 1 April 2006 – 31 March 2018	5,345
Projected completions (current year) 2018/19	495
Total projected completions 2006-2019 (5,345+495)	5,840
Remaining Core Strategy requirement 2019 – 2031 (10,750 – 5,840)	4,910
Requirement for 2006 - 2019 (430 x13)	5,590
Shortfall 2006 – 2019 (5,590 – 5,840)	-250
5 year requirement for 2019 – 2024	2, 580
Core Strategy unadjusted housing target (430 x 5) = 2,150	
Plus Shortfall = 0	
Plus 20% buffer on shortfall (20% of 0) = 0	
Plus 20% buffer brought forward from later in plan period (20% of	
2,150) = 430	
Annual adjusted 5 year requirement (2,580 / 5)	516
Projected supply 2019/20 - 2023/24	4,059
No. of years supply (4,059 / 516)	7.9
	years

Table 7.3: Proportion dwellings on previously developed land

Period	Gross completions on PDL	% of total	Net completions on PDL	% of total
2006/07	476	99	407	99
2007/08	458	98	376	98
2008/09	440	95	396	95
2009/10	243	94	220	93
2010/11	563	89	527	87
2011/12	407	85	377	84
2012/13	250	69	176	61
2013/14	126	50	91	42
2014/15	295	72	264	70
2015/16	611	87	570	86
2016/17	472	62	432	60
2017/18	388	62	351	60
Total	4,729	80%	4,187	78%

Source: DBC Residential Land Position Statement No. 44 1st April 2017

Note: Total gross completions 2006-18 = 5,904 dwellings

Table 7.4: Proportion of new build dwellings completions in the year by density and number of new dwellings per hectare

Period 2009/10	No.	%
Less than 30 dph	39	16.5
Between 30-50 dph	58	24.5
Greater than 50 dwellings dph	140	59
Total	236	100
% of development at densities >	30 dph	83.5
Period 2010/11	No.	%
Less than 30 dph	32	5
Between 30-50 dph	44	7
Greater than 50 dwellings dph	560	88
Total	636	100
% of development at densities >	30 dph	95
Period 2011/12	No.	%
Less than 30 dph	38	9
Between 30-50 dph	34	8
Greater than 50 dwellings dph	351	83
Total	423	100
% of development at densities >	30 dph	91
Period 2012/13	No.	%
Less than 30 dph	83	29
Between 30-50 dph	70	24
Greater than 50 dwellings dph	134	47
Total	287	100

Period 2013/14	No.	%
Less than 30 dph	78	38
Between 30-50 dph	84	41
Greater than 50 dwellings dph	42	21
Total	204	100
% of development at densities >	30 dph	62
Period 2014/15	No.	%
Less than 30 dph	88	24
Between 30-50 dph	94	26
Greater than 50 dwellings dph	179	50
Total	361	100
% of development at densities >	30 dph	76
Period 2015/16	No.	%
Less than 30 dph	123	22
Between 30-50 dph	62	11
Greater than 50 dwellings dph	368	67
Total	553	100
% of development at densities ≥	30 dph	78
Period 2016/17	No.	%
Less than 30 dph	124	19
Between 30-50 dph	202	30
Greater than 50 dwellings dph	344	51
Total	670	100
% of development at densities ≥	30 dph	81
Period 2017/18		
Less than 30 dph	145	27
Between 30-50 dph	166	31
Greater than 50 dwellings dph	227	42
Total	538	100
% of development at densities ≥	73	

Note: These figures exclude demolitions Source: DBC monitoring

Table 7.5: Average density of new dwellings built on finally completed sites

Year	Site Areas in total (Ha)	Number of dwellings completed on the sites (Gross)	Density of Development dwellings/ha
2006/07	10.71	382	36
2007/08	14.37	400	28
2008/09	9.19	347	38
2009/10	8.08	227	28
2010/11	12.35	586	47
2011/12	6.476	389	60
2012/13	9.51	183	19
2013/14	8.406	141	17
2014/15	11.19	264	24
2015/16	15.78	447	28
2016/17	14.6	654	45
2017/18	20.2	419	21
2006-18	140.862	4,439	31.5

¹ Sites recorded: this is a proportion of all completions in the year

Table 7.6: Completions (gross) by type of property 2006-2018

	Houses	Flats	Total
2017/18	352	266	618
2016/17	311	453	764
2015/16	243	440	683
2014/15	212	199	411
2013/14	184	70	254
2012/13	190	174	364
2011/12	206	270	476
2010/11	92	544	636
2009/10	92	167	259
2008/09	177	282	459
2007/08	182	290	472
2006/07	174	306	480
	2,415	3,461	5,876

Source: HCC Monitoring

² This figure excludes the John Dickson site. If this site is included, the average density is 47dph Source: DBC Monitoring Note: Average density- dwellings per hectare over all new build sites

Table 7.7: Completions (gross) by nos. of bedrooms 2006-2018

	1-bed	2-bed	3-bed	4-bed	5-bed	6-bed or more	Not known	Total
2017/18	144	184	160	86	38	5	11	628
2016/17	154	349	130	96	30	5	0	764
2016/17	154	349	130	96	30	5	0	764
2015/16	161	325	111	56	30	0	17	700
2014/15	93	144	75	70	26	3	0	411
2013/14	37	73	77	40	23	4	0	254
2012/13	90	141	78	31	22	2	0	364
2011/12	141	162	97	66	4	5	0	475
2010/11	218	335	44	22	16	1	0	636
2009/10	66	114	21	40	14	4	0	259
2008/09	94	218	77	41	26	3	0	459
2007/08	94	252	71	28	23	4	0	472
2006/07	95	258	63	17	36	11	0	480
Total	1387	2555	1004	593	288	47	28	5902

Source: HCC Monitoring

Table 7.8: Gross Affordable Housing Provision 2006 –2018 relative to Total (net) Housing

Dowload	Total	Affordable Housing Provision			
Period	Housing	Number	Proportion		
2006/7	400	137	34.3%		
2007/8	384	126	32.8%		
2008/9	418	148	35.4%		
2009/10	237	96	35.2%		
2010/11	603	60	10%		
2011/12	447	117	26.2%		
2012/13	290	92	31.7%		
2013/14	219	27	12.3%		
2014/15	379	128	33.8		
2015/16	659	203	30.8%		
2016/17	723	135	18.7%		
2017/18	586	232	39.6%		
Total	5,345	1,501	28.1%		
Annual rate	445	125	28.1%		
of provision					
2006/07 -					
2017/18					

Source: HCC/DBC Monitoring 2006/18

Table 7.9: Total supply of Affordable housing by type

	Social Rented	Shared Ownership	Affordable Rented	First Buy / Home Buy	Total
2006/07	59	78	-	-	137
2007/08	53	73	-	-	126
2008/09	92	56	-	-	148
2009/10	35	61	-	-	96
2010/11	53	7	-	-	60
2011/12	90	5	22	32	149
2012/13	43	24	25	58	150
2013/14	7	11	9	96	123
2014/15	41*	20	67	126	254
2015/16	126	26	51	n/a	203
2016/17	104	8	23	n/a	135
2017/18	98	53	81	n/a	232
Total 2006-18	801	422	287	312	1,822

Note: Intermediate homes include shared equity and key worker housing.

Source: DBC monitoring

(b) Meeting community needs

Table 7.10: Summary of school and pre-school completions

Settlement	Floor space (sqm)
Hemel Hempstead	143
Berkhamsted	65
Tring	0
Bovingdon	0
Kings Langley	9,160
Markyate	0
Rest of Dacorum	0
Total	9,368

Source: DBC monitoring (Employment Land Position Statement No. 41 (1st April 2018)

Table 7.11: Summary of outstanding school and pre-school floorspace (commitments)

Settlement	Floor space (sqm)	
Hemel Hempstead	2,561	
Berkhamsted	0	
Tring	1,160	
Bovingdon	624	
Kings Langley	0	
Markyate	-	

^{*} Includes a contribution of 41 social rented units from a hostel development (The Elms) in Hemel Hempstead.

Settlement	Floor space (sqm)	
Rest of Dacorum	1,302	
Total	5,647	

Source: DBC monitoring (Employment Land Position Statement No. 41 (1st April 2018)

Table 7.12: Summary of (net) completed Sports and Leisure Space

Settlement	Floor space (sqm) gain
Hemel Hempstead	1,925
Berkhamsted	42
Tring	317
Bovingdon	-
Kings Langley	-
Markyate	
Rest of Dacorum	331
Total	2,615

Source: DBC monitoring (Employment Land Position Statement No. 41 (1st April 2018)

8. Looking after the Environment

(a) Enhancing the natural environment

No further information provided.

(b) Conserving the natural environment

No further information provided.

(c) Using resources efficiently

No further information provided.

9. Implementation and delivery

No further information provided.