

The Code for Sustainable Homes on a Page

Category	Credits	Weight	Issue	Issue Credits	Issue Points	Code	Year					
							1	2	3	4	5	6
							2007	2010	2013	2016 "True" Zero Carbon		
							36+	48+	57+	68+	84+	90+
1 Energy and Emissions	29	36.4	Points for Code level rating									
			Ene 1.01 Dwelling Emission Rate (DER) - Mandatory	15	18.83	Minimal	1.26	3.77	6.28	10.04	17.57	18.83
			Percentage of minimal points required				3.47	7.85	11.01	14.76	20.92	20.92
			Improvement on SAP 2005 Target Emission Rate				10%	18%	25%	44%	100%	100% or higher
			Ene 1.02 Building Fabric Heat Loss Parameter	2	2.51				1.26	1.26	2.51	2.51
			HLP ≤ 1.3 = 1 of 2 Credits									
			HLP ≤ 1.1 = 2 of 2 Credits									
			Ene 1.03 Internal Lighting	2	2.51		1.26	1.26	1.26	2.51	2.51	2.51
			≥ 40% energy efficient = 1 of 2 Credits									
			≥ 75% energy efficient = 2 of 2 Credits									
			Ene 1.04 Drying Space - Internal or External	1	1.26		1.26	1.26	1.26	1.26	1.26	1.26
			Ene 1.05 Eco-labelled White Goods	2	2.51		1.26	1.26	1.26	2.51	2.51	2.51
			information only = 1 of 2 Credits									
			some efficient appliances = 1 of 2 Credits									
			all efficient appliances = 2 of 2 Credits									
			Ene 1.06 External Lighting	2	2.51		1.26	1.26	2.51	2.51	2.51	2.51
			efficient space lighting = 1 of 2 Credits									
efficient security lighting = 1 of 2 Credits												
or no security lighting = 1 of 2 Credits												
Ene 1.07 Low or Zero Carbon Energy Technologies	2	2.51				1.26	2.51	2.51	2.51			
10% reduction in emissions = 1 of 2 Credits												
15% reduction in emissions = 2 of 2 Credits												
For heating, hot water, ventilation, and lighting												
Ene 1.08 Cycle Storage	2	2.51		1.26	1.26				2.51			
smaller storage space = 1 of 2 Credits												
larger storage space = 2 of 2 Credits												
Ene 1.09 Home Office	1	1.26				1.26	1.26	1.26	1.26			
2 Water	6	9	Wat 2.01 Internal Potable Water Use - Mandatory	5	7.5	Minimal	1.5	1.5	4.5	4.5	7.5	7.5
			Water use in litres/person/day				120	120	105	105	80	80 or lower
			Wat 2.02 External Water Use	1	1.5						1.5	1.5
rainwater collection system = 1 of 1 Credits												
or if no gardens = 1 of 1 Credits												
3 Materials	24	7.2	Mat 3.01 Environmental Impact - Mandatory	15	4.5	Entry	0.26	0.45	0.9	1.8	2.7	4.5
			Three of the five key elements of roof, external walls, internal walls, floors and windows achieve A+ to D ratings from The Green Guide 2007, BRE weighted, and assuming a 60 year study period				3xD	3xC	3xB	3xA	3xA+	5xA+
			Mat 3.02 Responsible Sourcing – Basic elements	6	1.8		0.3	0.6	0.9	1.2	1.5	1.8
			Mat 3.03 Responsible Sourcing – Finishing elements	3	0.9		0.15	0.3	0.45	0.6	0.75	0.9
4 Surface Water Run-off	4	2.2	Sur 4.01 Surface Water Run-off from Site - Mandatory	2	1.1	Entry	1.1	1.1	1.1	1.1	1.1	1.1
			from hard surfaces = 1 of 2 Credits									
			from roofs = 1 of 2 Credits									
Reduction of peak and annual water run-off rates												
Sur 4.02 Flood Risk Reduction	2	1.1		1.1	1.1	1.1	1.1	1.1	1.1			
medium to high flood risk = 1 of 2 Credits												
low flood risk = 2 of 2 Credits												
5 Waste	7	6.4	Was 5.01 Household Waste Facilities - Mandatory	4	3.66	Entry	1.83	1.83	1.83	1.83	3.66	3.66
			limited recycling bin space = 2 of 4 Credits									
			recycling and waste bin space = 4 of 4 Credits									
			Household waste storage space required									
			Was 5.02 Construction Waste - Mandatory	2	1.83	Entry	0.91	1.83	1.83	1.83	1.83	1.83
minimise waste = 1 of 2 Credits												
and sort, reuse, and recycle = 1 of 2 Credits												
Site Waste Management Planning												
Was 5.03 Composting	1	0.91		0.91	0.91	0.91	0.91	0.91	0.91			
6 Pollution	4	2.8	Pol 6.01 Global Warming Potential of Insulants less than 5	1	0.7		0.7	0.7	0.7	0.7	0.7	
			Pol 6.02 NOx Emissions from building services	3	2.1		0.7	0.7	1.4	1.4	2.1	2.1
			≤ 100 Dry NOx level (mg/kWh) = 1 of 3 Credits									
			≤ 70 Dry NOx level (mg/kWh) = 2 of 3 Credits									
≤ 40 Dry NOx level (mg/kWh) = 3 of 3 Credits												
7 Health and Well Being	12	14	Hea 7.01 Daylighting	3	3.5		3.5	3.5	3.5	3.5	3.5	3.5
			kitchen daylight factor 2% = 1 of 3 Credits									
			habitable room daylight factor 1.5% = 1 of 3 Credits									
			80% of kitchen with sky light = 1 of 3 Credits									
			Hea 7.02 Sound	4	4.67		1.16	4.67	1.16	3.5	3.5	4.67
			achieve airborne sound insulation values 3dB higher and impact sound insulation values 3dB lower than Approved Document E 2004 = 1 of 4 Credits									
			achieve airborne sound insulation values 5dB higher and impact sound insulation values 5dB lower than Approved Document E 2004 = 3 of 4 Credits									
achieve airborne sound insulation values 8dB higher and impact sound insulation values 8dB lower than Approved Document E 2004 = 4 of 4 Credits												
detached dwellings = 4 of 4 Credits												
attached dwellings with separation = 3 of 4 Credits												
Hea 7.03 Semi-Private Outdoor Space Provision	1	1.17		1.17	1.17	1.17	1.17	1.17	1.17			
Hea 7.04 Lifetime Homes as a 16 point design guide	4	4.67				4.67	4.67	4.67	4.67			
8 Management	9	10	Man 8.01 Home User Guide	3	3.33		3.33	3.33	3.33	3.33	3.33	3.33
			individual Home User Guide = 2 of 3 Credits									
			and neighbourhood User Guide = 1 of 3 Credits									
			Man 8.02 Considerate Constructors Scheme	2	2.22		1.11	1.11	1.11	1.11	1.11	2.22
			regularly audited scheme = 1 of 2 Credits									
			regularly audited enhanced scheme = 2 of 2 Credits									
Man 8.03 Construction Site Impacts	2	2.22		1.11	1.11	1.11	1.11	1.11	2.22			
2 of 6 site impact procedures = 1 of 2 Credits												
4 of 6 site impact procedures = 2 of 2 Credits												
Man 8.04 Secured By Design as a Police standard	2	2.22							2.22			
9 Ecology	9	12	Eco 9.01 Ecological Value of Site Reporting	1	1.33		1.33	1.33	1.33	1.33	1.33	
			Eco 9.02 Ecological Enhancement Proposal	1	1.33				1.33	1.33	1.33	
			Eco 9.03 Protection of Ecological Features	1	1.33		1.33	1.33	1.33	1.33	1.33	
			Eco 9.04 Change of Ecological Value of Site	4	5.33		2.66	2.66	2.66	2.66	2.66	
			minor negative change = 1 of 4 Credits									
			neutral = 2 of 4 Credits									
			minor enhancement = 3 of 4 Credits									
major enhancement = 4 of 4 Credits												
Eco 9.05 Building Footprint	2	2.67		2.67	2.67	2.67	2.67	1.33	1.33			
Net Internal Floor Area:Net Internal Ground Floor Area over 2.5:1 for houses and 3:1 for flats = 1 of 2 Credits												
Net Internal Floor Area:Net Internal Ground Floor Area over 3:1 for houses and 4:1 for flats = 2 of 2 Credits												
Totals	104	100%		104	100		36.39	48.64	57.34	68.54	84.36	90.67
							1	2	3	4	5	6

The Code For Sustainable Homes was updated by the CLG (Communities and Local Government) in October 2007, and is available at www.communities.gov.uk