

	Reviewed Tools	Short
A	Do bairro e da vizinhança à habitação	BVH
B	BREEAM Communities	BREEAM
C	CityCAD	CityCAD
D	Duurzaamheids Profiel van een Locatie	DPL
E	European Common Indicators	ECI
F	ECOCITY	ECOCITY
G	HQE2R (ISDIS systems and INDI model)	HQE2R
H	INDEX	INDEX
I	LEED Neighbourhood Development	LEED-ND
J	Plan Especial de Indicadores de Sostenibilidad Ambiental de la Actividad Urbanística	PEISAAUS
K	Propolis	Propolis
L	Area Profiles	QOLAP
M	SEEDA Sustainability Checklist	SESC
N	Neighbourhood Appraisal	SN
O	SOLUTIONS	SOLUTIONS
P	SPeAR	SPeAR
Q	Sustainable Urban Landscapes: The Site Design Manual for B.C. Communities	SUL
R	Urbanizing Suburbia	US

From all the tools

ID	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
Name	BREEAM	CityCAD	DPL	ECI	ECOCITY	HQE2R	INDEX	LEED-ND	PEISAAUS	Propolis	QOLAP	SESC	SN	SOLUTIONS	SPeAR	SUL	US
Date	2009	2008	2009	2002	2005	2003	2008	2009	2006	2004	2005	2003	2010	2009	2001	2003	2006
Country	UK	UK	NL	IT, EU	AT, DE, N	FR, EU	US	US	SP	EU	UK	UK	UK	UK	UK	CA	UK
Live	T	T	T	T	F	F	T	T	T	F	F	T	T	F	T	F	F
Source																	
Government	0	0	0	1	1	0	0	2	2	0	3	1	0	0	0	0	0
Academia	0	0	0	0	2	10	0	0	2	2	0	0	1	6	0	1	1
Industry	1	1	2	1	0	0	1	1	0	6	0	1	0	0	1	0	0
Non-governmental or	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
Type																	
Type	Rating	Indicators	Profiling	Indicators	Guide	Profiling	Indicators	Rating	Guide	Framework	Profiling	Checklist	Guide	Framework	Profiling	Guide	Indicators
Software	Excel	CAD	Excel	NA	NA	Excel	GIS	Excel	GIS	NA	Web	Web	NA	NA	Excel	NA	NA
Scale	Neighbour	Neighbour	Neighbour	All	Neighbour	Neighbour	Neighbour	Neighbour	Neighbour	City	Neighbour	Neighbour	Neighbour	Region, N	All	Neighbour	Neighbourhood
Planning Phase	Design	Design	Design	Monitoring	All	All	All	Design	Design	Policy	Monitoring	Design	All	Design	Design	Design	Design
Design Phase	Formulation	Design	All	None	Design	All	All	Design	Formulation	Design	Formulation	All	All	Design	Design	Design	Formulation, Design

From all the tools

Classification

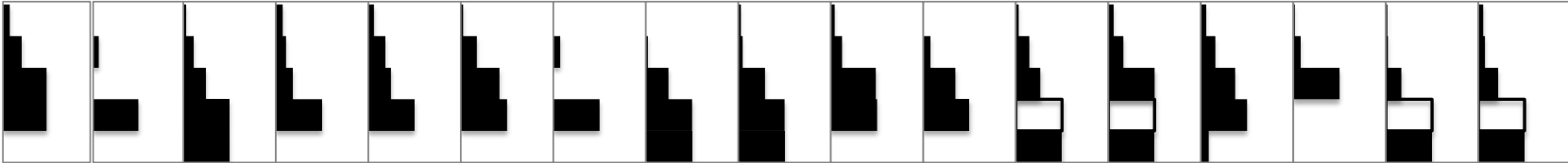
Name	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
	BREEM	CityCA	DPL	ECI	ECOCITY	HQE2R	INDEX	LEED-ND	PEISAA	Propolis	QOLAP	SESC	SN	SOLUTIONS	SPeAR	SUL	US
Measurement unit	Area	Area, bu	Area	Area	Area	Area	Area, Gr	Area	Area, Gr	Area, Gr	Area	Area	Area	Area	All	Area	Area
Weighted indicators	Fixed	None	Custom	None	None	None	Custom	Fixed	None	Fixed, C	None	Fixed	None	None	None	None	None
Aggregate rating	Full	None	Issue	None	None	Issue, C	None	Full, iss	None	Dimensi	Criteria	Criteria,	None	Criteria	None	None	None
Standardised output	None	All	Chart	None	Chart	Chart	Table, M	label	None	All	Chart	Table	None	None	Chart	None	None

Structure

Benchmarks	0	0	49	0	0	0	0	114	76	0	0	138	43	6	0	129	28
Indicators	51	40	49	27	57	61	54	114	76	37	65	138	43	35	0	129	28
Criteria	51	0	24	10	28	51	0	56	44	36	45	73	43	26	124	43	12
Issues	22	5	11	6	21	21	8	5	7	9	10	40	14	11	20	6	4
Dimensions	8	0	3	4	7	3	0	0	4	3	0	8	5	4	4	4	3

Normalised Structure

Benchmarks	0	0	1	0	0	0	0	1	1	0	0	1	1	0.1714	0	1	1
Indicators	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
Criteria	1	0	0.4898	0.3704	0.4912	0.8361	0	0.4912	0.5789	0.973	0.6923	0.529	1	0.7429	1	0.3333	0.4286
Issues	0.4314	0.125	0.2245	0.2222	0.3684	0.3443	0.1481	0.0439	0.0921	0.2432	0.1538	0.2899	0.3256	0.3143	0.1613	0.0465	0.1429
Dimensions	0.1569	0	0.0612	0.1481	0.1228	0.0492	0	0	0.0526	0.0811	0	0.058	0.1163	0.1143	0.0323	0.031	0.1071



Selection

Relevant	20%	60%	46%	33%	44%	26%	61%	46%	55%	22%	12%	32%	49%	51%	40%	70%	57%
Urban Form + Simulation	20%	63%	54%	33%	46%	26%	96%	46%	55%	70%	12%	32%	49%	91%	41%	70%	57%
Urban Form + Process	31%	60%	46%	33%	56%	34%	61%	54%	58%	22%	14%	50%	63%	51%	45%	71%	57%
Urban Form + Simulation +	31%	63%	54%	33%	58%	34%	96%	54%	58%	70%	14%	50%	63%	91%	47%	71%	57%
Not urban design variable	57%	0%	46%	60%	36%	43%	20%	32%	23%	39%	73%	49%	35%	31%	77%	5%	50%

Nor Relevant, why?

Simulation	0%	3%	8%	0%	2%	0%	35%	0%	0%	49%	0%	0%	0%	40%	2%	0%	0%
Building design, technology	33%	28%	8%	4%	30%	21%	19%	30%	38%	3%	6%	36%	9%	0%	29%	28%	0%
External forces	16%	9%	8%	7%	11%	18%	7%	12%	4%	22%	22%	10%	28%	9%	19%	0%	11%
Different stage	20%	0%	31%	56%	2%	26%	4%	4%	0%	5%	58%	4%	0%	0%	5%	2%	32%
Design process	12%	0%	0%	0%	12%	8%	0%	9%	3%	0%	2%	18%	14%	0%	6%	1%	0%

From all the issues and criteria

Tool Profile																		
Name	B BREEAM	C CityCAD	D DPL	E ECI	F ECOCITY	G HQE2R	H INDEX	I LEED-ND	J PEISAAUS	K Propolis	L QOLAP	M SESC	N SN	O SOLUTIONS	P SPeAR	Q SUL	R US	
Holistic perspective																		
Environmental	68%	40%	36%	33%	48%	52%	50%	60%	57%	44%	20%	50%	57%	55%	50%	50%	25%	
Social	45%	60%	55%	50%	48%	57%	50%	80%	57%	44%	80%	30%	57%	27%	30%	50%	25%	
Economic	32%	20%	36%	33%	24%	19%	38%	0%	43%	11%	10%	10%	36%	18%	20%	83%	25%	
Relevance for urban design																		
Urban Form	32%	40%	55%	17%	38%	43%	75%	40%	71%	89%	30%	43%	36%	64%	55%	100%	25%	
Accessibility	32%	20%	9%	17%	24%	14%	50%	40%	0%	56%	20%	15%	36%	55%	35%	50%	50%	
Context	41%	0%	18%	17%	0%	0%	0%	40%	0%	0%	10%	30%	57%	0%	50%	50%	0%	
Assessment Criteria																		
Buildings	24%	40%	17%	10%	21%	25%	24%	16%	27%	6%	11%	19%	7%	15%	0%	37%	0%	
Urban Form	22%	100%	29%	40%	46%	27%	56%	50%	68%	50%	13%	36%	58%	58%	23%	67%	50%	
Public Space	0%	20%	13%	20%	14%	16%	20%	4%	27%	11%	2%	15%	5%	4%	0%	51%	0%	
Not design variable	57%	0%	46%	60%	36%	43%	20%	32%	23%	39%	73%	49%	35%	31%	77%	5%	50%	
Any on Mobility	24%	40%	8%	40%	18%	12%	36%	34%	34%	61%	13%	21%	44%	54%	20%	51%	25%	
Mobility	14%	20%	4%	30%	14%	8%	27%	23%	20%	58%	13%	16%	21%	42%	11%	37%	17%	
Accessibility	16%	40%	8%	20%	14%	4%	18%	23%	23%	25%	4%	12%	42%	23%	14%	33%	25%	
Any on Context	37%	0%	21%	10%	0%	2%	1%	30%	14%	3%	2%	23%	35%	4%	23%	23%	17%	
Context	31%	0%	17%	10%	0%	0%	1%	29%	11%	3%	0%	22%	35%	4%	23%	21%	17%	
Region	14%	0%	4%	10%	0%	2%	0%	5%	7%	0%	2%	7%	14%	0%	1%	9%	8%	

From the indicators of each theme

Theme	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
Name	BREEM	CityCAD	DPL	ECI	ECOCITY	HQE2R	INDEX	LEED-ND	PEISAAUS	Propolis	QOLAP	SESC	SN	SOLUTIONS	SPeAR	SUL	US
Urban Form																	
Building Type	10%	13%	25%	0%	8%	13%	17%	13%	2%	0%	25%	18%	5%	11%	10%	16%	6%
Layout	50%	18%	33%	22%	28%	50%	41%	46%	24%	38%	0%	55%	76%	61%	22%	50%	19%
Land use	40%	60%	58%	67%	56%	56%	54%	58%	57%	100%	63%	43%	57%	67%	22%	38%	44%
Density	0%	28%	8%	33%	4%	6%	26%	12%	19%	38%	13%	0%	5%	6%	0%	9%	44%
Transport Infrastructure	30%	28%	25%	0%	20%	31%	22%	25%	26%	0%	0%	32%	43%	22%	27%	31%	31%
Multiple dimensions	30%	43%	50%	22%	16%	50%	44%	56%	38%	75%	0%	48%	67%	61%	8%	33%	38%
No buildings	80%	88%	75%	100%	92%	88%	83%	83%	57%	100%	75%	80%	95%	89%	65%	84%	94%
Potential	0%	18%	0%	33%	0%	6%	2%	4%	0%	0%	0%	2%	0%	0%	8%	0%	19%
Accessibility																	
Any Type	50%	28%	25%	33%	36%	25%	28%	25%	17%	13%	25%	61%	86%	50%	35%	27%	31%
Type 1	100%	100%	100%	100%	100%	50%	40%	8%	57%	0%	0%	70%	11%	0%	100%	13%	0%
Type 2	0%	0%	0%	0%	0%	0%	47%	77%	14%	100%	100%	11%	61%	78%	0%	29%	100%
Type 3	0%	0%	0%	0%	0%	50%	13%	15%	29%	0%	0%	19%	28%	22%	0%	58%	0%
Potential	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Context																	
Any Type overall	45%	0%	19%	11%	0%	13%	1%	9%	8%	0%	2%	21%	49%	20%	24%	17%	32%
Any Type in urban form	50%	0%	17%	33%	0%	13%	2%	15%	10%	0%	0%	33%	90%	33%	59%	20%	56%
Context Explicit	50%	0%	8%	33%	0%	6%	2%	13%	5%	0%	0%	30%	62%	33%	57%	13%	38%
Region Explicit	0%	0%	8%	0%	0%	6%	0%	2%	5%	0%	0%	5%	29%	0%	2%	7%	19%
Not urban design variable																	
Simulation	0%	3%	8%	0%	2%	0%	35%	0%	0%	49%	0%	0%	0%	40%	2%	0%	0%
Building design, technology	33%	28%	8%	4%	30%	21%	19%	30%	38%	3%	6%	36%	9%	0%	29%	28%	0%
External forces	16%	9%	8%	7%	11%	18%	7%	12%	4%	22%	22%	10%	28%	9%	19%	0%	11%
Different stage	20%	0%	31%	56%	2%	26%	4%	4%	0%	5%	58%	4%	0%	0%	5%	2%	32%
Design process	12%	0%	0%	0%	12%	8%	0%	9%	3%	0%	2%	18%	14%	0%	6%	1%	0%
Relevance																	
Relevant indicators	20%	60%	46%	33%	44%	26%	61%	46%	55%	22%	12%	32%	49%	51%	40%	70%	57%
Urban Form + Simulation	20%	63%	54%	33%	46%	26%	96%	46%	55%	70%	12%	32%	49%	91%	41%	70%	57%
Urban Form + Process	31%	60%	46%	33%	56%	34%	61%	54%	58%	22%	14%	50%	63%	51%	45%	71%	57%
Urban Form + Simulation + Process	31%	63%	54%	33%	58%	34%	96%	54%	58%	70%	14%	50%	63%	91%	47%	71%	57%