Supplementary Materials

Table S1. Determining significances of indicators.

Indicators		Significances of indicators										Ranks								
		Evaluation by experts									Weights	Evaluation by experts								
		E1	**E2**	**E3**	**E4**	**E5**	**E6**	**E7**	**E8**	**E9**		**E1**	**E2**	**E3**	**E4**	**E5**	**E6**	**E7**	**E8**	**E9**
Environmental sustainability dimension																				
Land use considerations	Appropriate site selection	0.265	0.289	0.111	0.24	0.174	0.268	0.313	0.198	0.198	**0.228**	1	1	4	2	3	2	1	3	2
	Developing damaged areas	0.194	0.159	0.259	0.184	0.233	0.166	0.192	0.211	0.124	**0.191**	3	3	2	3	2	3	3	2	3
	Landscape design	0.057	0.04	0.044	0.053	0.042	0.045	0.036	0.039	0.037	**0.044**	6	7	6	6	6	6	6	6	6
	Ecosystem preservation	0.215	0.259	0.32	0.249	0.296	0.272	0.236	0.362	0.377	**0.287**	2	2	1	1	1	1	2	1	1
	Quality of outdoor environment	0.065	0.079	0.121	0.118	0.089	0.071	0.07	0.061	0.106	**0.087**	5	5	3	5	5	5	5	5	5
	Housing density	0.034	0.042	0.035	0.031	0.027	0.037	0.031	0.027	0.035	**0.033**	7	6	7	7	7	7	7	7	7
	Infrastructure efficiency	0.17	0.133	0.109	0.125	0.138	0.141	0.122	0.101	0.122	**0.129**	4	4	5	4	4	4	4	4	4
CR		4.9%	6.5%	6.3%	6.3%	6.8%	9.4%	7.9%	8.4%	8.7%	**Σ=1**	4.9%	6.5%	6.3%	6.3%	6.8%	9.4%	7.9%	8.4%	
Kendall's W= 0.9242																				
$\chi^2 > \chi^2_{crit} = 49.907 > 14.067$																				
Water efficiency Considerations	Quality of potable water	0.793	0.682	0.671	0.747	0.747	0.717	0.655	0.659	0.655	**0.703**	1	1	1	1	1	1	1	1	1
	Implementation of alternative water resources	0.131	0.216	0.256	0.134	0.134	0.205	0.25	0.185	0.25	**0.196**	2	2	2	2	2	2	2	2	2
	Water conservation	0.076	0.103	0.073	0.119	0.119	0.078	0.095	0.156	0.095	**0.102**	3	3	3	3	3	3	3	3	3
CR		2.3%	0.3%	1.9%	1.3%	1.3%	1.9%	1.9%	3.0%	1.9%	**Σ=1**	2.3%	0.3%	1.9%	1.3%	1.3%	1.9%	1.9%	3.0%	1.9%
Kendall's W=1.0000																				
$\chi^2 > \chi^2_{crit} = 18.000 > 7.8147$																				
Energy and atmosphere considerations	Energy efficiency of housing	0.58	0.447	0.487	0.327	0.389	0.437	0.483	0.494	0.469	**0.457**	1	1	1	2	1	1	1	1	1
	Lighting efficiency	0.057	0.061	0.047	0.058	0.053	0.052	0.045	0.053	0.068	**0.055**	4	4	4	4	4	4	4	4	4
	Renewable energy use	0.158	0.254	0.284	0.411	0.35	0.326	0.297	0.28	0.297	**0.295**	3	2	2	1	2	2	2	2	2
	Greenhouse gas emission	0.205	0.239	0.181	0.204	0.208	0.185	0.175	0.173	0.166	**0.193**	2	3	3	3	3	3	3	3	3
CR		3.9%	0.9%	6.5%	4.9%	1.7%	6.2%	2.1%	5.8%	2.2%	**Σ=1**	3.9%	0.9%	6.5%	4.9%	1.7%	6.2%	2.1%	5.8%	2.2%

Kendall's W=0.916																				
$\chi^2 > \chi^2_{crit} = 24.3432 > 9.4877$																				
Materials and waste management	Use of materials with low environmental impact	0.572	0.511	0.562	0.451	0.535	0.648	0.484	0.535	0.575	**0.541**	1	1	1	1	1	1	1	1	1
	Use of regional/local materials	0.209	0.274	0.229	0.261	0.087	0.176	0.119	0.087	0.103	**0.172**	2	2	2	2	4	2	4	4	4
	Materials and products reused	0.109	0.147	0.131	0.169	0.266	0.104	0.213	0.266	0.195	**0.178**	3	3	3	3	2	3	2	2	2
	Availability of waste management facilities	0.109	0.068	0.078	0.119	0.112	0.072	0.184	0.112	0.127	**0.109**	3	4	4	4	3	4	3	3	3
CR		0.2%	0.4%	8.2%	2.6%	5.3%	7.7%	4.3%	5.3%	3.5%	**Σ=1**	0.2%	0.4%	8.2%	2.6%	5.3%	7.7%	4.3%	5.3%	3.5%
Kendall's W=0.8013																				
$\chi^2 > \chi^2_{crit} = 21.6351 > 9.4877$																				
Indoor environmental quality	Thermal comfort and control	0.465	0.511	0.517	0.477	0.531	0.508	0.564	0.5	0.562	**0.515**	1	1	1	1	1	1	1	1	1
	Indoor air quality	0.244	0.22	0.232	0.254	0.247	0.278	0.256	0.284	0.243	**0.251**	2	2	2	2	2	2	2	2	2
	Lighting comfort	0.051	0.04	0.042	0.036	0.043	0.044	0.036	0.042	0.036	**0.041**	5	5	5	5	5	5	5	5	5
	Visual comfort	0.092	0.088	0.09	0.059	0.088	0.079	0.054	0.075	0.072	**0.077**	4	4	4	4	4	4	4	4	4
	Aural comfort	0.149	0.141	0.118	0.174	0.091	0.091	0.09	0.099	0.087	**0.116**	3	3	3	3	3	3	3	3	3
CR		8.3%	3.5%	7.8%	5.3%	6.3%	6.2%	7.6%	9.4%	8.6%	**Σ=1**	8.3%	3.5%	7.8%	5.3%	6.3%	6.2%	7.6%	9.4%	8.6%
Kendall's W=1.0000																				
$\chi^2 > \chi^2_{crit} = 36.0000 > 11.0705$																				
External pollution	Pollution by NO2	0.093	0.098	0.063	0.068	0.047	0.117	0.125	0.123	0.114	**0.094**	3	2	4	3	4	4	2	2	3
	Pollution by CO	0.093	0.098	0.204	0.062	0.088	0.243	0.125	0.086	0.114	**0.124**	3	2	2	4	3	2	2	4	3
	Noise pollution	0.096	0.095	0.093	0.188	0.188	0.16	0.125	0.104	0.119	**0.130**	2	4	3	2	2	3	2	3	2
	Pollution reduction considerations	0.718	0.709	0.64	0.682	0.678	0.48	0.625	0.687	0.653	**0.652**	1	1	1	1	1	1	1	1	1
CR		0.1%	0.1%	2.9%	9.7%	9.3%	9.1%	0.0%	6.8%	0.2%	**Σ=1**	0.1%	0.1%	2.9%	9.7%	9.3%	9.1%	0.0%	6.8%	0.2%
Kendall's W=0.6921																				
$\chi^2 > \chi^2_{crit} = 18.6867 > 9.4877$																				
Innovation and design process considerations	Innovation in design	0.115	0.143	0.126	0.31	0.306	0.084	0.058	0.052	0.201	**0.155**	5	4	4	2	2	5	5	5	2
	Environmental friendly design	0.408	0.456	0.504	0.363	0.36	0.255	0.255	0.219	0.138	**0.329**	1	1	1	1	1	2	2	2	3
	Quality of facilities	0.143	0.106	0.139	0.082	0.056	0.239	0.088	0.084	0.053	**0.110**	4	5	3	5	5	3	4	4	5
	Architectural heritage considerations	0.156	0.147	0.087	0.114	0.115	0.296	0.182	0.141	0.08	**0.146**	3	3	5	4	4	1	3	3	4

	Architectural functionality, flexibility and adaptability	0.179	0.148	0.144	0.13	0.163	0.126	0.417	0.504	0.528	**0.260**	2	2	2	3	3	4	1	1	1
CR		2.2%	4.4%	6.9%	6.1%	2.3%	1.6%	6.8%	3.4%	7.5%	**Σ=1**	2.2%	4.4%	6.9%	6.1%	2.3%	1.6%	6.8%	3.4%	7.5%
Kendall's W=0.5086																				
$\chi^2 > \chi^2_{crit} = 18.3096 > 11.0705$																				
Social sustainability dimension																				
Accessibilities	Distance to the city center	0.028	0.021	0.211	0.054	0.048	0.042	0.044	0.034	0.027	**0.057**	9	10	1	7	8	8	8	8	9
	Access to public transportation	0.125	0.141	0.141	0.19	0.226	0.227	0.232	0.24	0.246	**0.196**	4	2	3	2	1	2	1	1	1
	Access to employment opportunities	0.29	0.304	0.171	0.218	0.223	0.239	0.224	0.237	0.236	**0.238**	1	1	2	1	2	1	2	2	2
	Access to educational institutions	0.098	0.124	0.117	0.144	0.118	0.101	0.101	0.111	0.12	**0.115**	5	3	5	3	4	4	4	3	3
	Access to shops	0.029	0.034	0.033	0.043	0.048	0.039	0.032	0.03	0.028	**0.035**	8	8	9	9	9	9	9	9	8
	Access to health care services	0.147	0.11	0.076	0.101	0.123	0.122	0.135	0.089	0.098	**0.111**	3	5	6	5	3	3	3	5	5
	Access to child care	0.149	0.113	0.137	0.113	0.072	0.073	0.084	0.101	0.101	**0.105**	2	4	4	4	6	6	5	4	4
	Access to leisure facilities	0.052	0.045	0.038	0.048	0.049	0.079	0.063	0.063	0.063	**0.056**	7	7	8	8	7	5	6	7	6
	Access to open green public space	0.062	0.077	0.045	0.066	0.073	0.059	0.056	0.065	0.058	**0.062**	6	6	7	6	5	7	7	6	7
	Car parking capacity	0.02	0.03	0.031	0.024	0.021	0.02	0.028	0.03	0.024	**0.025**	10	9	10	10	10	10	10	10	10
CR		8.3%	8.5%	9.3%	8.8%	8.8%	8.2%	9.5%	6.7%	9.1%	**Σ=1**	8.3%	8.5%	9.3%	8.8%	8.8%	8.2%	9.5%	6.7%	9.1%
Kendall's W=0.8533																				
$\chi^2 > \chi^2_{crit} = 69.1173 > 18.3070$																				
Neighbourhood /community considerations	Safety (crime rate)	0.519	0.481	0.377	0.457	0.523	0.527	0.46	0.488	0.546	**0.486**	1	1	1	1	1	1	1	1	1
	Neighbourhood reputation	0.097	0.082	0.074	0.164	0.099	0.106	0.095	0.049	0.043	**0.090**	4	4	5	3	4	4	4	5	5
	Population density	0.048	0.049	0.122	0.05	0.046	0.047	0.038	0.065	0.065	**0.059**	5	5	4	5	5	5	5	4	4
	Community cohesion	0.133	0.169	0.182	0.146	0.187	0.171	0.294	0.235	0.196	**0.190**	3	3	3	4	2	2	2	2	2
	Privacy	0.203	0.22	0.246	0.183	0.146	0.148	0.112	0.163	0.15	**0.175**	2	2	2	2	3	3	3	3	3
CR		2.8%	2.1%	4.1%	5.6%	6.6%	5.4%	4.3%	3.8%	9.0%	**Σ=1**	2.8%	2.1%	4.1%	5.6%	6.6%	5.4%	4.3%	3.8%	9.0%
Kendall's W=0.8667																				
$\chi^2 > \chi^2_{crit} = 31.2012 > 11.0705$																				
Economic sustainability dimension																				
Costs of construction	0.046	0.079	0.091	0.072	0.06	0.042	0.033	0.037	0.037	**0.055**	6	5	5	5	5	6	6	6	6	

House prices in relation to incomes (affordability)	0.294	0.256	0.261	0.247	0.276	0.189	0.337	0.296	0.283	**0.271**	1	2	1	1	1	4	1	2	2
Mortgage interest rates	0.177	0.197	0.21	0.201	0.209	0.225	0.118	0.106	0.125	**0.174**	4	3	3	3	3	2	4	4	4
Value stability	0.049	0.066	0.053	0.044	0.049	0.072	0.077	0.056	0.06	**0.058**	5	6	6	6	6	5	5	5	5
Economic efficiency of the project (added value)	0.182	0.123	0.167	0.193	0.193	0.265	0.267	0.329	0.327	**0.227**	3	4	4	4	4	1	2	1	1
Satisfaction of demand	0.252	0.279	0.218	0.242	0.213	0.208	0.168	0.176	0.169	**0.214**	2	1	2	2	2	3	3	3	3
CR	8.4%	8.0%	7.5%	7.5%	8.7%	8.9%	9.8%	3.8%	6.3%	**Σ=1**	8.4%	8.0%	7.5%	7.5%	8.7%	8.9%	9.8%	3.8%	6.3%
Kendall's W=0.7686																			
$\chi^2 > \chi^2_{crit} = 34.5870 > 12.5920$																			

Table S2. Determining significances of categories.

Categories	**Significances of categories**										**Ranks**								
	Evaluation by experts									**Weights**	**Evaluation by experts**								
	E1	**E2**	**E3**	**E4**	**E5**	**E6**	**E7**	**E8**	**E9**		**E1**	**E2**	**E3**	**E4**	**E5**	**E6**	**E7**	**E8**	**E9**
Environmental sustainability dimension																			
Land use considerations	0.078	0.076	0.144	0.114	0.081	0.074	0.052	0.049	0.064	**0.081**	5	5	3	4	5	5	6	6	5
Water Efficiency Considerations	0.032	0.035	0.037	0.035	0.033	0.033	0.034	0.031	0.027	**0.033**	7	7	7	7	7	7	7	7	7
Energy and Atmosphere Considerations	0.272	0.304	0.283	0.347	0.371	0.407	0.313	0.311	0.332	**0.327**	2	1	1	1	1	1	1	1	1
Materials and waste management	0.297	0.218	0.227	0.219	0.226	0.212	0.247	0.268	0.287	**0.245**	1	2	2	2	2	2	2	2	2
Indoor environmental quality	0.124	0.17	0.118	0.109	0.139	0.128	0.158	0.141	0.142	**0.137**	4	3	5	5	3	3	3	3	3
External pollution	0.154	0.152	0.142	0.131	0.102	0.085	0.131	0.14	0.09	**0.125**	3	4	4	3	4	4	4	4	4
Innovation and design process considerations	0.043	0.045	0.049	0.045	0.047	0.06	0.065	0.06	0.059	**0.053**	6	6	6	6	6	6	5	5	6
CR	8.0%	7.8%	5.0%	8.2%	7.9%	9.3%	4.2%	8.6%	7.2%	**Σ=1**	8.0%	7.8%	5.0%	8.2%	7.9%	9.3%	4.2%	8.6%	7.2%
Kendall's W=0.9286																			
$\chi^2 > \chi^2_{crit} = 50.1444 > 14.0670$																			
Social sustainability dimension																			
Accessibilities	0.75	0.833	0.667	0.8	0.667	0.667	0.5	0.667	0.75	**0.697**	1	1	1	1	1	1	1	1	1
Neigbourhood /community	0.25	0.167	0.333	0.2	0.333	0.333	0.5	0.333	0.25	**0.303**	2	2	2	2	2	2	1	2	2

considerations																			
CR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	**Σ=1**	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Kendall's W=0.8000																			
$\chi^2 > \chi^2_{crit} = 7.2000 > 5.9900$																			
Economic sustainability dimension																			
Costs of construction	0.046	0.079	0.091	0.072	0.06	0.042	0.033	0.037	0.037	**0.055**	6	5	5	5	5	6	6	6	6
House prices in relation to incomes (affordability)	0.294	0.256	0.261	0.247	0.276	0.189	0.337	0.296	0.283	**0.271**	1	2	1	1	1	4	1	2	2
Mortgage interest rates	0.177	0.197	0.21	0.201	0.209	0.225	0.118	0.106	0.125	**0.174**	4	3	3	3	3	2	4	4	4
Value stability	0.049	0.066	0.053	0.044	0.049	0.072	0.077	0.056	0.06	**0.058**	5	6	6	6	6	5	5	5	5
Added value	0.182	0.123	0.167	0.193	0.193	0.265	0.267	0.329	0.327	**0.227**	3	4	4	4	4	1	2	1	1
Satisfaction of demand	0.252	0.279	0.218	0.242	0.213	0.208	0.168	0.176	0.169	**0.214**	2	1	2	2	2	3	3	3	3
CR	8.4%	8.0%	7.5%	7.5%	8.7%	8.9%	9.8%	3.8%	6.3%	**Σ=1**	8.4%	8.0%	7.5%	7.5%	8.7%	8.9%	9.8%	3.8%	6.3%
Kendall's W=0.7686																			
$\chi^2 > \chi^2_{crit} = 34.5870 > 12.5920$																			

Table S3. Determining significances of dimensions.

	Significances of dimensions										**Ranks**								
	Evaluation by experts									**Weights**	**Evaluation by experts**								
	E1	**E2**	**E3**	**E4**	**E5**	**E6**	**E7**	**E8**	**E9**		**E1**	**E2**	**E3**	**E4**	**E5**	**E6**	**E7**	**E8**	**E9**
Environmental sustainability dimension	0.333	0.5	0.6	0.333	0.558	0.714	0.333	0.667	0.333	**0.486**	1	1	1	1	1	1	1	1	1
Social sustainability dimension	0.333	0.25	0.2	0.333	0.122	0.143	0.333	0.167	0.333	**0.246**	1	2	2	1	3	2	1	2	1
Economic sustainability dimension	0.333	0.25	0.2	0.333	0.32	0.143	0.333	0.167	0.333	**0.268**	1	2	2	1	2	2	1	2	1
CR	0.0%	0.0%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.0%	**Σ=1**	0.0%	0.0%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.0%
Kendall's W=0.5278																			
$\chi^2 > \chi^2_{crit} = 9.5004 > 7.8147$																			