



SUSTAINABLE PERFORMANCE 2014

EPRA SUSTAINABILITY BEST PRACTICES RECOMMENDATIONS



WERELDHAVE

Retail portfolio

Impact area	GRI G4	EPRA sustainability performance measures	Absolute		Like for like comparison										
			Total		Belgium		Finland		Netherlands		Total				
			2013	2014	2013	2014	2013	2014	2013	2014	2013	2014			
Energy	EN4	Elec-Abs Elec-LfL	Energy consumption from electricity	mWh	27,531	25,482	4,749	4,444	16,560	13,774	3,493	3,344	24,802	21,563	
	EN4		Electricity exclusively sub-metered to tenants	mWh	17,547	18,049	0	0	12,081	13,641	3,607	3,262	15,688	16,902	
	EN4	DH&C-Abs DH&C-LfL	Energy consumption from district heating and cooling	mWh	15,745	14,620	0	0	15,745	14,620	0	0	15,745	14,620	
	EN3	Fuels-Abs Fuels-LfL	Energy consumption from fuels	mWh	13,184	9,194	3,684	2,400	0	0	3,355	2,461	7,038	4,862	
	EN3		Fuels exclusively sub-metered to tenants	mWh	2,937	3,388	0	0	0	0	2,205	1,453	2,205	1,453	
	EN3-EN4		Total energy consumption from all sources	mWh	76,945	70,733	8,433	6,845	44,385	42,035	12,660	10,521	65,478	59,400	
Greenhouse gas emissions	EN16	GHG-Dir-Abs GHG-Dir-LfL	Total direct GHG emissions GHG Protocol Scope 1	tonnes CO ₂ e	2,500	1,695	740	444	0	0	617	453	1,358	897	
		GHG-Indir-Abs GHG-Indir-LfL	Total indirect GHG emissions GHG Protocol Scope 2	tonnes CO ₂ e	4,912	4,663	727	298	1,685	1,579	1,480	1,524	3,891	3,401	
		GHG-Indir-Abs GHG-Indir-LfL	Total indirect GHG emissions GHG Protocol Scope 3	tonnes CO ₂ e	2,857	2,632	0	0	0	0	1,934	1,754	1,934	1,754	
			Total direct and indirect GHG emissions	tonnes CO ₂ e	10,268	8,990	1,467	742	1,685	1,579	4,031	3,731	7,183	6,051	
Water consumption	EN8	Water-Abs	Total water withdrawal	cubic metres (m ³)	120,602	184,852	12,749	15,527	68,544	50,535	11,227	10,198	92,520	76,260	
Waste management	EN22	Waste-Abs Waste-LfL	Total weight of waste	metric tonnes	4,490	4,308	1,150	1,163	2,069	1,893	582	611	3,801	3,667	
		Waste-Abs Waste-LfL	Disposal route – Reused	proportion by weight (%)											
			Disposal route – Recycled	proportion by weight (%)	31.8	26.0	35.3	31.0	62.0	60.0	24.3	18.0	34.4	29.6	
			Disposal route – Landfill facility – non-hazardous	proportion by weight (%)	2.4	0.1			28.9	2.0			4.1	0.3	
			Disposal route – Hazardous waste treatment facility	proportion by weight (%)											
			Disposal route – Incineration	proportion by weight (%)	65.7	72.4	64.7	69.0	9.0	24.0	75.7	81.0	61.4	67.7	
			Disposal route – Composting/ anaerobic digestion facility	proportion by weight (%)		0.9				14.0				2.0	
Disposal route – other	proportion by weight (%)	0.1	0.5			0.1				1.0		0.4			
Energy consumption	CRE1	Energy-Int	Building energy intensity	kWh/m ² /year	108.4	98.1	113.3	92.7	292.2	276.7	165.9	138.4	161.4	138.6	
Greenhouse gas emissions	CRE3	GHG-Int	Greenhouse gas intensity from building energy	kg CO ₂ e/m ² /year	24.2	21.0	19.8	10.3	11.1	10.4	54.5	50.8	33.4	27.7	
Water consumption	CRE2	Water-Int	Building water intensity	m ³ /m ² /year	0.26	0.39	0.18	0.22	0.45	0.33	0.13	0.12	0.30	0.24	
Water consumption	CRE2	Water-Int	Building water intensity	liter/visitor/year	1.8	2.7	1.2	1.4	4.8	3.1	0.9	0.8	2.5	1.9	

The information provided above is for the calendar years 2014 and 2013. The emission factors are based on local conversion factors. For 2014 the absolute coverage data includes 15 out of 15 shopping centres for energy and greenhouse gas emissions, 15 out of 15 shopping centres for water and data disclosed for waste refers to 14 out of 15 shopping centres.

For the like for like figures, 7 properties are included for the energy and greenhouse gas data, 7 properties are included for the water and waste data. The reported data contains the total landlord-obtained energy and water purchased for the shopping centres owned and managed by Wereldhave and consumed in common areas and in tenants areas without sub-metres. Where tenant consumption is sub-metered, this is explicitly reported in absolute consumption. Wereldhave acknowledges that intensity indicators may be affected due to a mismatch between numerator and denominator, following the EPRA sustainability best practices recommendations. [Please visit our corporate website to view our complete Sustainable Business Report 2014.](#)

Office portfolio

Impact area	GRI G4	EPRA sustainability performance measures			Absolute		Like for like comparison								
					Total		Belgium		Finland		France		Total		
					2013	2014	2013	2014	2013	2014	2013	2014	2013	2014	
Energy	EN4	Elec-Abs Elec-LfL	Energy consumption from electricity	mWh	12,121	10,180	7,130	6,912	140	156	3,368	2,065	10,638	9,133	
	EN4		Electricity exclusively sub-metered to tenants	mWh	4,979	4,727	4,979	4,727	0	0	0	0	4,979	4,727	
	EN4	DH&C-Abs DH&C-LfL	Energy consumption from district heating and cooling	mWh	390	397	0	0	390	397	0	0	390	397	
	EN3	Fuels-Abs Fuels-LfL	Energy consumption from fuels	mWh	5,886	4,557	5,886	4,557	0	0	0	0	5,886	4,557	
	EN3		Fuels exclusively sub-metered to tenants	mWh	0	0	0	0	0	0	0	0	0	0	
	EN3-EN4		Total energy consumption from all sources	mWh	23,375	19,861	17,994	16,196	531	553	3,368	2,065	21,893	18,814	
Greenhouse gas emissions	EN16	GHG-Dir-Abs GHG-Dir-LfL	Total direct GHG emissions GHG Protocol Scope 1	tonnes CO ₂ e	1,183	843	1,183	843	0	0	0	0	1,183	843	
		GHG-Indir-Abs GHG-Indir-LfL	Total indirect GHG emissions GHG Protocol Scope 2	tonnes CO ₂ e	1,836	957	1,091	463	42	43	488	299	1,621	805	
		GHG-Indir-Abs GHG-Indir-LfL	Total indirect GHG emissions GHG Protocol Scope 3	tonnes CO ₂ e	762	317	762	317	0	0	0	0	762	317	
			Total direct and indirect GHG emissions	tonnes CO ₂ e	3,781	2,117	3,036	1,623	42	43	488	299	3,566	1,965	
Water consumption	EN8	Water-Abs	Total water withdrawal	cubic metres (m ³)	37,609	40,847	18,516	27,045	8,227	1,694	8,227	6,585	34,970	35,324	
Waste management	EN22	Waste-Abs Waste-LfL	Total weight of waste	metric tonnes	638	608	286	308	41	0	250	244	577	552	
		Waste-Abs Waste-LfL	Disposal route – Reused	proportion by weight (%)											
		Waste-Abs Waste-LfL	Disposal route – Recycled	proportion by weight (%)	23.9	18.1	25.3	17.3	62.0	60.0			26.6	19.9	
		Waste-Abs Waste-LfL	Disposal route – Landfill facility – non-hazardous	proportion by weight (%)	2.9	0.2			28.9	2.0				3.2	0.2
		Waste-Abs Waste-LfL	Disposal route – Hazardous waste treatment facility	proportion by weight (%)											
		Waste-Abs Waste-LfL	Disposal route – Incineration	proportion by weight (%)	53.2	80.0	74.7	82.0	9.0	24.0		100.0		59.1	78.0
		Waste-Abs Waste-LfL	Disposal route – Composting/ anaerobic digestion facility	proportion by weight (%)		1.7		0.7		14.0					1.9
Waste-Abs Waste-LfL	Disposal route – other	proportion by weight (%)	20.0				0.1		100.0			11.1			
Energy consumption	CRE1	Energy-Int	Building energy intensity	kWh/m ² /year	220.4	185.0	240.8	205.5	166.1	173.1	177.9	109.0	227.0	192.6	
Greenhouse gas emissions	CRE3	GHG-Int	Greenhouse gas intensity from building energy	kg CO ₂ e/m ² /year	35.4	19.8	41.0	21.6	13.1	13.4	25.8	15.8	36.7	20.2	
Water consumption	CRE2	Water-Int	Building water intensity	m ³ /m ² /year	0.35	0.38	0.25	0.36	0.47	0.53	0.43	0.35	0.29	0.36	

The information provided above is for the calendar years 2014 and 2013. The emission factors are based on local conversion factors. For 2014 the absolute coverage data includes 11 out of 11 offices for energy and greenhouse gas emissions, 11 out of 11 offices for water and data disclosed for waste refers to 9 out of 11 offices.

For the like for like figures, 10 offices are included for the energy and greenhouse gas data, 10 for water and 8 for waste. The reported data contains the total landlord-obtained energy and water purchased for the offices owned and managed by Wereldhave and consumed in common areas and in tenants areas without sub-metres. Where tenant consumption is sub-metered, this is explicitly reported in absolute consumption. Wereldhave acknowledges that intensity indicators may be affected due to a mismatch between numerator and denominator, following the EPRA sustainability best practices recommendations. [Please visit our corporate website to view our complete Sustainable Business Report 2014.](#)