

# Green House Gas Emissions 2014 VAUDE Obereisenbach (Headquater)

year		2019							Change of consumption in %	Change of emissions in %
		SCOPE 1	SCOPE 2	SCOPE 3	Data source					
	unit	value								
<b>general company data</b>										
number of employees	[Personen]	486						-12,1%		
number of workdays per year (per full time position)	[Arbeitstage]	220						0,0%	-	
company area	[m2]	23.008						0,0%	-	
	<b>unit</b>	<b>value</b>	<b>GHG</b>							
		[kWh]	[t CO2e]							
<b>energy</b>		[kWh]	[t CO2e]							
renewable power (label see comment) Vaude-Str. 2	[kWh]	486496,39	7,15			7,15	ecoinvent 2.2 electricity, low voltage, certified electricity, at grid	0,30	0,30	
renewable power (label see comment) Siggenweilerstr. 25	[kWh]	65.201	0,96			0,96	ecoinvent 2.2, electricity, low voltage, certified electricity, at grid	0,0%	0,0%	
natural gas Vaude Str. 2	[kWh]	1.090.187	34,89		1,10	33,79	ecoinvent 2.2, natural gas, burned in industrial furnace	0,7%	0,7%	
natural gas Siggenweilerstr. 25	[kWh]	64871	2,08		0,00	2,08	ecoinvent 2.2, natural gas, burned in industrial furnace		39,4%	
<b>total</b>		<b>2.069.158</b>	<b>50,39</b>		<b>1,17</b>	<b>49,22</b>		<b>6,4%</b>	<b>4,2%</b>	
<b>water</b>										
water consumption Vaude Str. 2	[m3]	2.607	0,83			0,83	ecoinvent 2.2, tap water, at user RER	38,7%	39,7%	

water consumption Siggenweilerstr. 25	[m3]	399	0,13			0,13	ecoinvent 2.2, tap water, at user RER	0,3%	0,3%
<b>total</b>		<b>3.153</b>	<b>0,96</b>			<b>0,96</b>		<b>+34,3%</b>	<b>+32,0%</b>
	[km]	fuel consumption	GHG						
<b>Geschäftsreisen und Pendelverkehr firmeneigene Fahrzeuge</b>	[L petrol/diesel resp. kg gas resp. kWh]			[t CO2e]					
<b>total</b>	<b>distance</b>		<b>513,8</b>	<b>347,1</b>		<b>166,8</b>			<b>-7,3%</b>
	[km]		GHG						
<b>business trips and commuting</b>		Liter	[t CO2e]				ecoinvent 2.2: transport, passenger car, petrol, fleet average, RER, [pkm]; without emissions from fuel		
Bus (Shuttle)		5.100,0	0,5					-	-
cars 5-8 l /100 km		1.433.284,0	415,6				ecoinvent 2.2: transport, passenger car, petrol, fleet average, RER, [pkm]; without emissions from fuel		
<b>total</b>		<b>1.521.119,0</b>	<b>416,7</b>			<b>417,0</b>			<b>4,2%</b>
<b>business trips (excl. delivery)</b>									
trains		113415	-	7,73			ecoinvent 2.2, average of transport, high speed train, myc internal flight calculator (documentation:	1,4%	1,4%
airplane		594548		103,85		103,85		40,0%	15,7%
<b>total</b>		<b>707.963,00</b>		<b>11,58</b>		<b>111,58</b>		<b>+32,0%</b>	<b>+14,7%</b>
	<b>Unit</b>	<b>Value</b>	<b>GHG</b>						
<b>consumables</b>			[t CO2e]						
paper consumption recycled	[t]	10,83	8,88			8,88	ecoinvent 2.2, paper, Recycling-, without Deinking,	29,8%	29,8%
IT	[Stück]	85,00	21,86			21,86		46,1%	46,1%

shop fitting		3	0,78			0,78	ecoinvent 2.2: keyboard, standard version, at plant		
<b>total</b>			<b>31,52</b>			<b>31,52</b>		<b>46,9</b>	<b>46,90%</b>
<b>External Prints</b>									
virgin fibre	[t]	0,11	0,31			0,31	myc data, based on print sector solution	1,8%	1,8%
recycled paper	[t]	15,09	33,60			33,60	myc data, based on print sector solution	46,1%	46,1%
<b>total</b>		<b>15,21</b>	<b>33,91</b>			<b>33,91</b>		<b>45,9%</b>	<b>45,9%</b>
<b>material production</b>									
<b>total</b>		219,71	1362,93			1362,93		<b>+13,6%</b>	<b>+4,4%</b>
<b>material consumption diverse</b>		[t]	[t CO2e]						
cardboard boxes	[t]	255,99	240,49			240,49	ecoinvent 2.2: corrugated cardboard carton, mixed fibre, once corrugated, at plant, disposal: recycling	13,5%	13,5%
Strech foil	[t]	3,19	20,37			20,37	ecoinvent 2.2: approximated with foil, LDPE, at plant + disposal (KVA)	4,9%	6,5%
lights (pieces)	[Stück]	46,00	0,02			0,02	compact fluorescent lamp, Study: OSRAM_LED_LCA_Summary_November_2009	130,0%	130,0%
<b>total</b>		<b>259,57</b>	<b>260,86</b>			<b>260,86</b>		<b>+14,5%</b>	<b>+14,5%</b>
<b>waste</b>									
waste [t]	[t]	41,2	20,60			20,60	ecoinvent 2.2, disposal, municipal waste, 22.9%	14,9%	1083,9%
waste water Vaude Str. 2 [m3]	[m³]	2.754,0	1,07			1,07	ecoinvent 2.2, treatment, sewage, to wastewater	41,2%	41,2%
waste water Siggenweilerstr. 25 [m3]	[m³]	399	0,16			0,16	ecoinvent 2.2, treatment, sewage, to wastewater treatment, class 3	0,3%	0,3%
<b>total</b>			<b>21,8</b>			<b>21,8</b>		<b>+720,8%</b>	<b>+720,8%</b>

	Wert		TGH						
<b>total accomodation</b>	total	831,0	16,8			16,8			4,1%
	<b>weight per year</b>	<b>total GHG</b>	<b>GHG</b>						
<b>delivery outbound</b>	[t]	[t CO2e]	[t CO2e]						
lorry 16 - 32t	3.315,0	397,77	29,55			397,77	ecoinvent 2.2, transport, lorry 16-32t, EURO4	22,8%	22,8%
freight trains, europe	0,0	0,48	0,04			0,48	ecoinvent 2.2, transport, freight, rail RER	80,2%	80,2%
transoceanic freight ship	20,9	3,36	0,25			3,36	ecoinvent 2.2, transport, transoceanic freight ship	40,6%	40,6%
aircraft freight	3,0	84,50	6,28			84,5	ei V2.2: transport, aircraft, freight, intercontinental	18,2%	18,2%
<b>total</b>	<b>3.339</b>	<b>486,11</b>	<b>36,12</b>			<b>486,11</b>		<b>18,2%</b>	<b>18,2%</b>
<b>delivery inbound</b>	<b>weight per year</b>								
	[t]	<b>total GHG</b>	<b>GHG</b>						
lorry 16 - 32t	467,6	82,3	6,8			82,3	ecoinvent 2.2, transport, lorry 16-32t, EURO4, RER	68,4%	168,4%
freight trains, europe	0,0	23,1	1,9			23,1	ecoinvent 2.2, transport, freight, rail RER	11,1%	111,1%
transoceanic freight ship	1.460,9	146,7	12,2			146,7	ecoinvent 2.2, transport, transoceanic freight ship	10,5%	10,5%
aircraft freight	18,4	180,7	15,01			180,7	ei V2.2: transport, aircraft, freight, intercontinental	33,7%	33,7%
<b>total</b>	<b>1.976,8</b>	<b>432,9</b>	<b>36,00</b>			<b>432,9</b>		<b>8,8%</b>	<b>8,8%</b>
<b>total emissions (t CO2e)</b>			2.976,09	347,07	1,17	2627,86			2,9%
<b>total emissions (t CO2e)</b>			3.822,98	347,07	1,17	3474,75			5,6%