

Greenhouse Gas Emissions VAUDE Premises 2018 German Headquarters										
Year	2018									
				SCOPE 1	SCOPE 2	SCOPE 3	Source	Change in consumption from the previous year	Change in emissions from the previous year	
	Unit	Value								Reference Year Data
General Operating Data										
Number of employees (without apprentices)	[Persons]	553						18,4%		2016
Number of work days per year (per full-time position)	[Days Worked]	220						0,0%	-	2018
Operational space	[m2]	23.008						21,8%	-	2018
Page views of VAUDE Websites	Unit	Value	GHG							
Total		24.238	95,00			94,53			-8,10%	
		Amount	GHG							Reference Year Data
Energy	Unit	[kWh]	[t CO2e]							
Green energy Vaude-Str. 2	[kWh]	375.017	5,51			5,51	ecoinvent 2.2 electricity, low voltage, certified electricity, at grid	-6,7%	-6,7%	2018
Green energy, Siggenweilerstr. 25	[kWh]	65.190	0,96			0,96	ecoinvent 2.2, electricity, low voltage, certified electricity, at grid	-0,3%	-0,4%	2018
Company-generated, consumed energy VAUDE Str.	[kWh]	273.113	4,01			4,01		38,9%	38,8%	2018
Energy consumption, Amtzell/Manufaktur	[kWh]	87.381	1,28			1,28	EnBW-company mix:322g CO2/kWh, plus surcharge of 20% for provision of infrastructure			2018
Biogas, Vaude Str. 2	[kWh]	1.097.658	35,13		1,11	34,02	myclimate calculation based on ecoinvent 2.2	-6,5%	-6,4%	2018
Biogas, Siggenweilerstr. 25	[kWh]	46.546	1,49		0,05	1,44	myclimate calculation based on ecoinvent 2.2		52,0%	2018
Total		1.944.905	48,38	0,00	1,16	47,22		-2,8%	-5,9%	

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Wasser										
Water consumption, Vaude Str. 2	[m3]	1.880	0,60			0,60	ecoinvent 2.2, tap water, at user RER	-14,0%	-14,0%	2018
Water consumption, Siggenweilerstr. 25	[m3]	398	0,13			0,13	ecoinvent 2.2, tap water, at user RER	10,2%	10,3%	2018
Rain water consumption	[m3]	70	0,00			0,00	-	-56,5%		2018
Total		2.348	0,73			0,73		-16,6%	-19,1%	
	Distance	Fuel Consumption	GHG							Reference Year Data
	[km]	[L petrol/diesel resp. kg gas resp. kWh]	[t CO2e]							
Business travel and commuting										
Bus (Shuttle)	-	-	-					-	-	
Passenger cars, petrol		1.338	4,87	3,20		1,67	ecoinvent 2.2: transport, passenger car, petrol, fleet average, RER, [pkm]; without emissions from fuel	-58,3%	-58,3%	2016
Passenger cars, diesel		138.059	545,06	368,6		176,5	ecoinvent 2.2: transport, passenger car, diesel, fleet average 2010, RER, [pkm]; without emissions from fuel	-18,7%	-18,7%	2018

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Passenger cars, liquid petroleum gas (LPG)	kg	528 kg	4,51	2,40		2,11	IPCC 2006 + ecoinvent 2.2: transport, passenger car, natural gas	-50,0%	-50,0%	2018
Total			554,4	374,2	0,0	180,3		-100,0%	-29,1%	
	Distance		GHG							Reference Year Data
	[km]		[t CO2e]							
Commuting and business travel with other vehicles										
By foot / bicycle		77.662	0,74			0,74	ecoinvent 2.2 transport, bike	-100,0%	48,1%	2018
Bus		3.044	0,31			0,31	ecoinvent 2.2, transport, regular bus	-100,0%	26,9%	2018
Passenger cars. 5 - 8 L / 100 km		1.376.016	399,03			399,03	ecoinvent 2.2 transport, car	-100,0%	-12,0%	2018
Total		1.456.722	400,08			400,08		-100,0%	-15,2%	
Business travel (excl. deliveries)										
Train / Tram		111.826	7,62			7,62	ecoinvent 2.2, average of transport, high speed train, DE, [pkm] + transport, average train, DE	+139,7%	139,8%	
Air		424.590	123,16			123,16	myc internal flight calculator (documentation: http://www.myclimate.org/fileadmin/myc/files_myc_perfl12_flight_calculator_documentation_EN.pdf)	-49,8%	-25,8%	
Total		536.416	130,78			130,78		-39,9%	-22,7%	

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		Amount	GHG							
	Unit		[t CO2e]							
Consumables										
Paper consumption recycling	[t]	15,44	12,65			12,65	ecoinvent 2.2, recycled paper, without deinking, ex works	-2,7%	-2,8%	2018
IT		398	21,05			21,05				
Ladenbau			25,69			25,96				
Total			59,39			59,39		58,70%	58,7%	
Printed materials, third-party (flyers, compa										
on fresh fiber paper	[t]	0,07	0,19			0,99	myc data, based on print sector solution	-89,7%	-90,3%	2018
on recycled paper	[t]	28,02	62,37			34,64	myc data, based on print sector solution	-20,1%	-20,1%	2018
Total		28,09	62,56			62,56		-28,4%	-31,4%	
Material Production										
		[t]	[t CO2e]							
Total		193,41	1.305,43			1.305,43		-12,1%	-17,1%	
Material misc. consumption										
		[t]	[t CO2e]							
Cardboard packaging, new	[t]	295,96	278,35			278,35	ecoinvent 2.2: corrugated board, mixed fiber single-wall, ex works, disposal recycling	16,5%	16,5%	2018
Wrap		4,72	26,82			26,82				
Lighting (item)	[Stück]	1.122	0,99			0,99	compact fluorescent lamp, study OSRAM_LED_LCA_Summary_November_2009	220,6%	220,6%	2018
Total		300,68	305,18			305,18		-6,1%	-6,1%	

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Waste										
Waste [t] (residual waste only)	[t]	35,9	1,74			1,74	ecoinvent 2.2, disposal, municipal waste, 22.9% water, refuse incineration	-91,7%	-91,7%	2018
Waste water, Vaude Str. 2 [m3]	[m³]	1.950	0,76			0,76	ecoinvent 2.2, treatment, sewage, to wastewater treatment, class 3	-17,0%	-16,7%	2018
Waste water, Siggenweilerstr. 25 [m3]	[m³]	398	0,16			0,16	ecoinvent 2.2, treatment, sewage, to wastewater treatment, class 3	10,2%	14,1%	2018
Total			2,7	0,0	0,0	2,7		-8,2%	-8,2%	
Hotel accommodation										
Total		872,00	16,17			16,17		-100,0%	-41,2%	-
	Weight per year	total GHG	GHG							Reference year dates
Deliveries										
	[t]	[t CO2e]	[t CO2e]							
Truck freight 16 - 32t	3.836,0	515,39	0,00			515,39	emissions report various logistics providers	+21,3%	21,3%	2018
Ocean freight	45,4	16,95	0,00			16,95	emissions report Dachser	-8%	-0,8%	2018
Air freight	0,9	60,11	0,00			60,11	emissions report various logistics providers	-40,9%	-40,9%	2018
Total	3.882	594,06	27,52			594,06		-2,1%	-2,1%	
	Weight per year	Total GHG	GHG							Reference year data
Truck freight 16 - 32t	285,0	48,9	0,00			48,9	ecoinvent 2.2, transport, lorry 16-32t, EURO4, as well as emissions reports from various	+14,6%	14,6%	2018

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Rail freight Europe	0,0	20,8	0,00			20,8	emissions report Dachser	-21,9%	-21,9%	2018
Ocean freight	1.312,8	132,8	0,00			132,8	emissions reports from various logistics providers	-83,0%	-83,0%	2018
Air freight	28,2	272,4	0,00			272,4	emissions reports from various logistics providers	-52,6%	-52,6%	2018
Total	1.626,1	474,9	56,5	0,0	0,0	474,9		-41,2%	-41,2%	
Total Emissionen Total (t CO2e), komplett, nur anteilige Transporte			3.064,32	374,20	1,16	2689,00			-17,2%	
Total Emissionen Total (tCO2e)			4049,23	374,20	1,16	3673,91			-19,8%	