

Credit Suisse Group
VfU-Indicators for In-house Operations 2017
according to GRI and GHG-Protocol¹⁾:
Comparison of Regions³⁾



	Switzerland	Europe / Middle East	Americas	Asia-Pacific	2017	Change to 2016	Indicator per FTE
Premises Energy Consumption in MWh	183'600	114'500	133'400	64'100	495'700	-5%	10'470 kWh
Electricity consumed in MWh	129'900	105'000	123'400	61'600	419'900	-5%	8'870 kWh
District Heating etc. consumed in MWh	10'600	700	7'000	2'200	20'600	-16%	430 kWh
Fossil Fuels consumed in MWh							
Natural Gas	37'640	8'030	530	20	46'220	0%	980 kWh
Heating Oil and Emergency Power Supply Fuels	5'400	750	2'480	290	8'920	37%	190 kWh
Share of renewable electricity	100%	87%	68%	27%	77%	19%	
Share of renewable building energy (electricity and heating)	71%	80%	63%	26%	65%	16%	
Business Travel in mio km	48.2	111.1	148.3	111.3	418.9	-3%	8'845 km
Paper consumed in tons	1'910	230	240	290	2'670	-27%	56 kg
Water consumed in m³	330'300	215'500	271'200	126'700	943'700	4%	20 m³
Waste produced in tons	7'400	1'960	2'770	810	12'950	13%	274 kg
Valuable materials separated and recycled	5'630	600	940	390	7'560	35%	58%
Waste incinerated	1'770	1'260	30	40	3'110	-4%	24%
Waste disposed of in landfills		100	1'800	280	2'180	-14%	17%
Special waste treatment				100	110	11%	1%
Losses of Coolants and Fire Extinguishers in kg	270	510	130	740	1'640	-40%	35 grams
Greenhouse Gas Emissions net in metric tons CO2 equivalents²⁾	24'720	27'810	43'050	45'710	141'290	-34%	2'980 kg
- Directly through burning fuels and losses from coolants and fire extinguishers (Scope 1) ²⁾	9'860	4'550	940	1'170	16'520	-22%	350 kg
- Indirectly from energy production (Scope 2 market based) ²⁾	740	6'310	20'150	25'620	52'820	-47%	1'120 kg
- Indirectly from energy production (Scope 2 location based) ²⁾	26'090	38'660	58'940	39'130	162'820	-6%	3'440 kg
- Indirectly from energy precombustion, business travel, etc. (Scope 3) ²⁾	14'110	16'940	21'960	18'910	71'920	-24%	1'520 kg
Offsetted Greenhouse Gas Emissions net in metric tons CO2 equivalents²⁾	24'720	27'810	43'050	45'710	141'290		
Share of offsetted emissions	100%	100%	100%	100%	100%		

1) GRI = Global Reporting Initiative; www.globalreporting.org
GHG-Protocol = Greenhouse Gas Protocol; www.ghgprotocol.org
distribution of scope 1 - 3 emissions, Rounded figures

2) Global greenhouse gas emissions for 2015, 2016 and 2017 are based on net emissions, taking into account the composition of electricity qualities purchased globally. In the regions EMEA, Americas and APAC additional Renewable Electricity Certificates (RECs) are purchased and accounted for. The total of Scope 1, 2 and 3 emissions contain in Scope 2 the market based mix emissions according to the GHG protocol. The total greenhouse gas emissions include 52'820 tons from purchased electricity qualities (Scope 2 Market Based Mix). Had this electricity been purchased without environmental criteria, an additional 110'000 tons of GHG emissions would have been the result, the scope 2 emissions would then have added up to 162'820 tons (Scope 2 Location Based Mix). The gross greenhouse gas emissions for the EMEA region are following the DEFRA guidelines for UK. In the course of the data collection for 2017 minor adjustments were made to 2016 basic data set. By greenhouse gas net emissions we mean the remaining emissions before offsetting for carbon neutrality.

3) The environmental data 2015 were calculated and reported according to the VfU Indicators Standard Version 2013, the 2016 and 2017 data according to the new edition VfU Indicators Standard Version 2015. In the region Switzerland, energy consumption sold to third parties has been deducted since 2016.



Credit Suisse Group
VfU-Indicators for In-house Operations 2015 to 2017
according to GRI and GHG-Protocol ¹⁾:
Comparison of Periods³⁾

	GRI Reporting Standards	Overall Consumption			Indicator per Capita		
		2015	2016	2017	2015	2016	2017
Premises Energy Consumption in MWh / kWh per FTE	302-1	558'100	520'500	495'700	11'510	10'910	10'470
Electricity consumed in MWh		459'000	443'300	419'900	9'460	9'290	8'870
District Heating etc. consumed in MWh		32'900	24'600	20'600	680	520	430
Fossil Fuels consumed in MWh		66'200	52'600	55'100	1'360	1'100	1'170
Business Travel in mio km / km per FTE	302-2	552	432	419	11'390	9'060	8'850
Paper consumed in tons / kg per FTE	301-1	4'080	3'660	2'670	84	77	56
Water consumed in m³ / m³ per FTE	303-1	1'023'000	904'200	943'700	21	19	20
Waste produced in tons / kg per FTE	306-2	11'310	11'490	12'950	230	240	274
Losses of Coolants and Fire Extinguishers in kg / grams per FTE	306-3	1'190	2'718	1'640	25	57	35
Greenhouse Gas Emissions net offset in metric tons CO₂e / kg per FTE²⁾	305-1-3	240'720	207'590	141'290 ²⁾	4'960	4'350	2'980 ²⁾
- Directly through burning fuels and losses from coolants and fire extinguishers ²⁾	305-1	16'490	21'090	16'520 ²⁾	340	440	350 ²⁾
- Indirectly from energy production (Scope 2 market based) ²⁾	305-2	110'660	99'620	52'820 ²⁾	2'280	2'090	1'120 ²⁾
- Indirectly from energy production (Scope 2 location based) ²⁾	305-2	177'030	173'590	162'820 ²⁾	3'650	3'640	3'440 ²⁾
- Indirectly through sources such as business travel, paper, waste and water ²⁾	305-3	113'580	86'880	71'920 ²⁾	2'340	1'820	1'520 ²⁾
Share of offset emissions		100%	100%	100%			

1) GRI = Global Reporting Initiative; www.globalreporting.org. GHG-Protocol = Greenhouse Gas Protocol; www.ghgprotocol.org
 Energy consumption is presented in MWh and not in MJ. One megawatt hour (MWh) equals 3.6 mega joule (MJ), rounded figures

2) Global greenhouse gas emissions for 2015, 2016 and 2017 are based on net emissions, taking into account the composition of electricity qualities purchased globally. In the regions EMEA, Americas and APAC additional Renewable Electricity Certificates (RECs) are purchased and accounted for. The total of Scope 1, 2 and 3 emissions contain in Scope 2 the market based mix emissions according to the GHG protocol. The total greenhouse gas emissions include 52'820 tons from purchased electricity qualities (Scope 2 Market Based Mix). Had this electricity been purchased without environmental criteria, an additional 110'000 tons of GHG emissions would have been the result, the scope 2 emissions would then have added up to 162'820 tons (Scope 2 Location Based Mix). The gross greenhouse gas emissions for the EMEA region are following the DEFRA guidelines for UK. In the course of the data collection for 2017 minor adjustments were made to 2016 basic data set. By greenhouse gas net emissions we mean the remaining emissions before offsetting for carbon neutrality.

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