SULZER

Sulzer sustainability data 2020

Social

Labor Relations

Number of employees

	Unit	2020	2019	2018	2017	2016
Number of employees Sulzer Ltd (according to IFRS; i.e., Sulzer total FTEs)	FTE	15'054	16'506	15'572	14'732	14'005

Type of employment: temporary (on payroll)

	Unit	2020	2019	2018	2017	2016
Employees with temporary contract (on average)	FTE	1'120	1'615	1'062	1'052	887

Type of employment: part-time (on payroll)

	Unit	2020	2019	2018	2017	2016
Employees working part-time (on average)	FTE	310	241	240	279	225

Employees with higher education

	Unit	2020	2019	2018	2017	2016
Number of employees with higher education (minimum BA)	headcount	4'128	4'288	4'226	4'432	4'123

Employee training

	Unit	2020	2019	2018	2017	2016
Behavior-based safety observations (including safety walks)	Cases	32'344	70'739	60'284	27'420	n/a

Voluntary attrition rate

	Unit	2020	2019	2018	2017	2016
Total voluntary attrition rate	% (FTE)	6.2%	6.7%	7.4%	9.0%	8.0%

Diversity

Geographical spread

	Unit	2020	2019	2018	2017	2016
Europe, the Middle East, Africa	FTE	7'555	7'766	7'495	7'279	7'455
Americas	FTE	3'741	4'526	4'374	3'911	3'822
Asia-Pacific	FTE	3'758	4'027	3'703	3'542	2'728

Geographical spread of female employees

	Unit	2020	2019	2018	2017	2016
Europe, the Middle East, Africa	% (FTE)	58%	57%	58%	59%	57%
Americas	% (FTE)	21%	21%	22%	21%	23%
Asia-Pacific	% (FTE)	21%	22%	20%	20%	20%

Age spread

	Unit	2020	2019	2018	2017	2016
FTE age < 20	% (FTE)	0%	1%	1%	1%	1%
FTE age 20-29	% (FTE)	12%	14%	16%	16%	16%
FTE age 30-39	% (FTE)	33%	31%	32%	31%	30%
FTE age 40-49	% (FTE)	25%	27%	24%	25%	25%
FTE age 50-59	% (FTE)	21%	20%	20%	20%	21%
FTE age > 60	% (FTE)	9%	8%	7%	6%	7%

Occupational Health and Safety

Occupational accidents

	Unit	2020	2019	2018	2017	2016
Occupational accidents (with > 1 lost day)	cases	55	55	85	78	50
Occupational accidents and illnesses (absences)	lost days	1113	1'847	2'282	1'564	1'414

Non-occupational accidents and illnesses

	Unit	2020	2019	2018	2017	2016
Non-occupational accidents and illnesses	cases	17'505	31'267	25'496	24'986	23'695
Non-occupational accidents and illnesses	lost days	69'598	92'055	87'191	83'496	74'159

Occupational fatalities

	Unit	2020	2019	2018	2017	2016
Total occupational fatalities	#	0	0	0	0	1
whereof occupational fatalities through accidents/injuries	#	0	0	0	0	1
whereof occupational fatalities through illnesses	#	0	0	0	0	0

Non-occupational fatalities

	Unit	2020	2019	2018	2017	2016
Total non-occupational fatalities	#	1	1	3	2	2
whereof non-occupational fatalities through accidents /injuries	#	1	0	1	0	0
whereof non-occupational fatalities through illnesses	#	0	1	2	2	2

Accident Frequency Rate (AFR)

	Unit	2020	2019	2018	2017	2016
Accident Frequency Rate	hours	1.9	1.7	2.9	2.7	1.8

Accident Severity Rate (ASR)

	Unit	2020	2019	2018	2017	2016
Accident Severity Rate	hours	37.5	58.3	81.1	54.0	51.2

Value Chain

Subcontractor (incl. accidents & fatalities)

	Unit	2020	2019	2018	2017	2016
Subcontractor accidents	cases	5	10	12	4	7
Fatalities	#	0	0	0	0	0

Environment

Energy

Energy consumption

	Unit	2020	2019	2018	2017	2016
Total energy consumed	GJ	878'109	902'751	860'753	872'335	845'056
Energy consumed per 1'000 working hours	GJ/1'000 whr	35.7	36.9	38.3	40	37

Energy sources mix: consumption by sources

	Unit	2020	2019	2018	2017	2016
Total energy consumed	GJ	878'109	902'751	860'753	872'335	845'056
whereof electricity	GJ	463'723	509'934	499'712	511'309	480'243
whereof gas	GJ	214'908	228'284	234'756	220'736	194'119
whereof fuels	GJ	101'712	125'651	89'521	84'573	98'675
whereof fuel oils, coal, coke	GJ	44'034	11'735	9'403	15'764	12'451
whereof district heating	GJ	27'859	27'147	27'362	31'849	51'612
whereof cooling energy	GJ	0	0	0	0	0
whereof wood and other renewable sources	GJ	25'873	0	0	8'104	7'956

Emissions

Green House Gases according to GHG Protocol

	Unit	2020	2019	2018	2017	2016
Total GHG emissions	t CO_2 eq.	111'176	118'805	113'764	116'338	91'440
GHG emissions for scope 1[1)]	t CO_2 eq.	21'545	21'245	18'979	18'366	17'690
GHG emissions for scope 2[1)]	t CO_2 eq.	59'794	56'214	55'998	59'934	56'970
GHG emissions for scope 3[1)]	t CO_2 eq.	29'837	41'346	38'787	38'038	16'780
GHG emissions emitted per 1'000 working hours	t CO_2 eq./1'000 whr	4.5	4.8	5.1	5.4	4.0

Water

Water consumption

	Unit	2020	2019	2018	2017	2016
Total water consumed	m^3	987'576	1'029'302	930'530	1'163'905	1'600'383
Water consumed per 1'000 working hours	m^3/1'000 whr	40	42	41	54	71

Water consumption by usage

	Unit	2020	2019	2018	2017	2016
Total water consumed	m^3	987'576	1'029'302	930'530	1'163'905	1'600'383
whereof drinking water	m^3	234'800	266'671	279'796	24'820	200'732
whereof process water	m^3	136'692	71'500	110'981	184'937	105'041
whereof cooling water	m^3	542'325	622'236	587'177	780'159	1'206'133
whereof other usage	m^3	73'760	68'896	12'749	63'252	88'477

Water consumption by source

	Unit	2020	2019	2018	2017	2016
Total water consumed	m^3	987'576	1'029'302	930'530	1'163'905	1'600'383
whereof municipal water	m^3	447'761	401'603	368'895	385'035	374'116
whereof ground water	m^3	514'035	621'059	555'468	771'403	906'903
whereof surface water	m^3	22'922	2'347	1'225	7'032	318'839
whereof ocean water	m^3	0	0	0	0	0
whereof other sources	m^3	2'858	4'293	4'942	435	525

Water discharges

	Unit	2020	2019	2018	2017	2016
Total water discharged	m^3	949'598	939'850	852'361	1'131'376	1'559'770
whereof to waste water treatment plant (WWTP)	m^3	359'760	265'619	240'702	267'854	287'848
Whereof to ground water	m^3	171'062	177'167	156'758	170'485	271'214
Whereof to ocean water	m^3	22'922	2'347	13'280	49'879	342'372
Whereof to surface water	m^3	355'135	448'425	394'756	603'539	631'158
Whereof to air and other water bodies	m^3	18'784	15'780	18'549	23'363	27'178

Waste and recycling

	Unit	2020	2019	2018	2017	2016
Total waste	t (metric)	19'546	20'998	18'142	19'029	26'064
Total waste produced per 1'000 working hours	t (metric)/1'000 whr	0.8	0.9	0.8	0.9	1.2
Non-hazardous - excl. recycling (total)	t (metric)	5'073	3'399	6'750	3'634	5'004
to landfill	t (metric)	4'152	8'447	7'277	3'798	3'313
to incineration	t (metric)	788	969	770	733	493
other treatment	t (metric)	38	2'152	1'883	3'383	1'198
External recycling - excl. hazardous - (total)	t (metric)	5'887	9'430	8'213	11'114	14'821
Hazardous waste (total)	t (metric)	2'664	2'911	3'162	4'280	6'239
to landfill	t (metric)	1'019	449	1'266	431	1'371
to incineration	t (metric)	119	86	137	121	220
to external treatment	t (metric)	1'019	1'239	327	2'672	3'430
to external recycling	t (metric)	507	1'136	1'432	1'056	1'218

Biodiversity

Land use

	Unit	2020	2019	2018	2017	2016
Land owned, leased, or affetcted otherwise by company	m^2	2'105'335	2'047'625	1'930'041	1'826'558	1'701'380
whereof impermeable land	m^2	1'254'868	1'140'360	1'105'589	1'054'806	1'003'144

Remarks: FTE: Full-time equivalents, whr: Working hours

[1)] Scope 1: direct emissions from Sulzer stemming from primary energy sources such as natural gas and fuels used on-site; scope 2: indirect emissions from secondary (converted) energy sources such as electricity and district heating; scope 3: indirect emissions from the production and transport of fuels and gases not included in scopes 1 or 2