Environmental and energy key figures

18/03/2022 *The content of this webpage includes information originally published as part of the company's 2021 Annual and Sustainability Report, which has not been updated since such publication and, as a result, may no longer be up-to-date. Further, other content on this webpage may also be out-of-date.*

Ludwigsburg) correspond to the categories used in internal reporting relevant for control.

Direct energy consumption by primary energy source in MWh	2021	2020	2019
Total	**433,289**	**340,327**	**327,119**
Production sites	**347,832**	**266,375**	**248,820**
Gas	272,976	204,868	182,101
Of which biogas	269,750	149,130	30,000
Combustible gas for manufacturing processes	72,811	56,936	65,505
Of which biogas	72,811	31,697	k. A.
Heating oil	2,046	4,571	1,214
Development sites	**69,891**	**61,427**	**64,437**
Gas	69,697	61,222	64,292
Of which biogas	65,555	k. A.	k. A.
Heating oil	194	205	145
Other sites	**1,485**	**1,641**	**1,757**
Gas	1,485	1,637	1,748
Heating oil	0	4	9

Direct energy consumption by primary energy source in MWh	2021	2020	2019
Fuel [1)]	14,081	10,884	12,105

Indirect energy consumption by primary energy source in MWh	
Total	

Indirect energy consumption by primary energy source in MWh			
Production sites			
Electrical energy [1)]	237,283	229,176	246,818
District heating	43,527	30,719	26,589
CHP plants and PV arrays	51,372	34,422	28,201
Development sites	**74,**	**66,**	**66,**

Indirect energy consumption by primary energy source in MWh			
Electrical energy [1)]	58,795	52,295	52,664
District heating	2,487	1,228	537
Weissach CHP plant	13,380	12,857	13,275
Other sites	**11,**	**11,**	**12,**

Indirect energy consumption by primary energy source in MWh			
Electrical energy [1]	8,165	8,493	9,249
District heating	3,582	2,833	3,095

Emissions in t of CO_2 equivalent and significant air emissions in t	2021	2020	2019
Direct and indirect GHG emissions in t of CO_2 equivalent			
Total	**9,090**	**26,971**	**57,685**
Production sites	2,895	12,167	42,123
Development sites	4,959	13,744	14,412
Other sites	1,236	1,060	1,150
Direct GHG emissions in t of CO_2 equivalent (Scope 1) [1]	**7,656**	**25,656**	**56,267**
Production sites	2,825	12,166	42,038
Development sites	4,561	13,192	13,906
Other sites	270	298	323
Indirect GHG emissions in t of CO_2 equivalent (Scope 2)	**1,434**	**1,315**	**1,418**
Production sites	70	1	85
Development sites	39	55	50

Emissions in t of CO_2 equivalent and significant air emissions in t	2021	2020	2019
Other sites	966	762	827
Other indirect GHG emissions in t of CO_2 equivalent			
Other indirect GHG emissions (Scope 3)	**27,574**	**28,753**	**74,157**
Porsche's vehicle fleet [2]	9,464	4,936	9,644
Rail [3]	0	0	38
Air	6,807	8,402	50,774
Rental cars	11,303	15,415	13,701
Significant air emissions in t of			
NOX emissions [4]	**41.75**	**33.06**	**42.67**
Production sites	33.99	26.2	33.82
Development sites	7.60	6.68	8.62
Other sites	0.16	0.18	0.23
SOX emissions	**0.31**	**0.24**	**0.45**
Production sites	0.24	0.18	0.36
Development sites	0.07	0.06	0.09
Other sites	0	0	0
Weight of volatile organic compounds (VOC)	**12**	**10**	**11**

Emissions in t of CO_2 equivalent and significant air emissions in t	2021	2020	2019
	3.29	5.29	5.40
Production sites	123.29	105.29	115.40
Development sites	0	0	0
Other sites	0	0	0
Weight of dust emissions	**0.27**	**0.22**	**0.14**
Production sites	0.22	0.18	0.11
Development sites	0.05	0.04	0.03
Other sites	0	0	0
Ozone-depleting substances [5]	**0**	**0**	**0**

Water intake and recirculation in m^3	2021	2020	2019
Water intake [1]			
Total	**758,443**	**710,237**	**694,992**
Of which water from third parties	756,783	701,308	690,066
Of which groundwater	1,660	8,929	4,926
Production sites	650,579	579,832	553,267
Development sites	100,461	111,857	128,437
Other sites	5,743	9,619	13,288
Water recirculation [2]			
Total	**624.597**	**577,026**	**603,759**

Water intake and recirculation in m^3	2021	2020	2019
Production sites	539,785	491,679	509,098
Development sites	79,069	75,728	81,373
Other sites	5,743	9,619	13,288

Waste by location, type and disposal method in t [1)]	2021	2020	2019
Total	**21,755**	**20,787**	**23,995**
Production sites	**16,143**	**13,556**	**16,202**
Waste for recycling			
Hazardous waste	4,481	4,080	5,183
Non-hazardous waste	7,376	5,394	7,365
Non-production-specific waste	705	298	341
Metallic waste	2,604	3,027	2,674
Waste for removal			
Hazardous waste	885	630	346
Non-hazardous waste	80	90	241
Non-production-specific waste	12	37	52
Development sites	**5,272**	**6,797**	**7,156**
Waste for recycling			
Hazardous waste	1,280	1,686	986
Non-hazardous waste	937	1,160	1,666
Non-production-specific waste	89	57	176

Waste by location, type and disposal method in t [1)]	2021	2020	2019
Metallic waste	2,196	3,130	3,196
Waste for removal			
Hazardous waste	30	18	58
Non-hazardous waste	731	743	1,058
Non-production-specific waste	9	3	16
Other sites	**340**	**434**	**637**
Waste for recycling			
Hazardous waste	5	22	61
Non-hazardous waste	167	335	458
Non-production-specific waste	124	1	15
Metallic waste	44	74	99
Waste for removal			
Hazardous waste	0	2	3
Non-hazardous waste	0	0	1
Non-production-specific waste	0	0	0

Investments in environmental protection in €	2021	in %	2020	in %	2019	in %
Total [1)]	**12,958,000**	**100%**	**20,003,000**	**100%**	35,640,000	100%
Waste disposal	1,853,000	14 %	2,437,000	12 %	4,270,000	12 %
Emission treatment	**2,089,000**	**16 %**	**3,213,000**	**16 %**	5,847,000	16 %
Remedial costs	763,00	6%	1,081,	5%	2,070,	6%

Investments in environmental protection in €	2021	in %	2020	in %	2019	in %
Prevention	8,253,000	64 %	13,272,000	66 %	23,453,000	66 %

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