Environmental Data Table 2017

This table provides an overview of the environmental performance of all our operations. It includes indicators for production, energy consumption, air emissions, refrigerants, wastewater and waste from our beverage production plants, malting plants and other operations.

				Total all sites			Breweries, cider, soft drink and water plants			Malting sites			Other and packaging
Performance indicator	**Unit**	**2015**	**2016**	**2017**	**2015**	**2016**	**2017**	**2015**	**2016**	**2017**	**2015**	**2016**	**2017**
Total beverage production	Mhl	205.2	218.9	**225.5**	205.2	218.9	**225.5**	–	–	**–**	–	–	**–**
Beer production	Mhl	188.1	203.5	**212.2**	188.1	203.5	**212.2**	–	–	**–**	–	–	**–**
Cider production	Mhl	3.9	4.1	**4.1**	3.9	4.1	**4.1**	–	–	**–**	–	–	**–**
Soft drink production	Mhl	9.2	9.5	**9.7**	9.2	9.5	**9.7**	–	–	**–**	–	–	**–**
Water production	Mhl	3.9	1.8	**0.5**	3.9	1.8	**0.5**	–	–	**–**	–	–	**–**
Malt production	ktons	702	694	**711**	–	–		702	694	**711**	–	–	**–**
Thermal energy consumption	PJ	15.9	16.4	**16.4**	14.0	14.6	**14.5**	1.5	1.5	**1.5**	0.4	0.4	**0.4**
Electricity consumption	GWh	1,738	1,833	**1,869**	1,616	1,717	**1,750**	80	77	**81**	42	39	**38**
CO_2e emissions (direct: from fuel combustion and refrigerant losses)	ktons	1,034	1,059	**1,022**	926	944	**908**	85	84	**84**	24	31	**30**
CO_2e emissions (indirect: from heat and electricity import)	ktons	486	513	**511**	439	472	**471**	30	26	**26**	17	15	**14**
HC-based refrigerants in use	tons	57	55	**52**	46	50	**46**	5	5	**5**	5	1	**0**
HC-based refrigerants lost	tons	10.5	7.4	**7.1**	10.0	7.0	**6.3**	0.0	0.4	**0.8**	0.6	0.0	**0.0**
	kg R11 equivalents	341	265	**235**	341	254	**225**	0	2	**7**	0	9	**4**
	kton CO_2 equivalents	19.9	16.8	**15.1**	19.9	16.2	**13.9**	0.0	0.6	**1.2**	0.0	0.1	**0.0**
Water consumption	Mm^3	80.1	82.5	**83.9**	76.8	79.4	**80.9**	2.1	2.0	**2.0**	1.2	1.0	**1.0**
Waste water quantity	Mm^3	51.7	54.7	**55.6**	49.6	52.7	**53.7**	1.3	1.3	**1.3**	0.8	0.8	**0.7**
Waste water organic load before treatment	ktons COD	163	182	**177**	157	177	**171**	3	3	**4**	3	1	**2**
Effluent organic load discharged to surface water	ktons COD	17.7	15.6	**14.3**	17.5	15.4	**14.0**	0.3	1.6	**0.3**	0.0	1.4	**0.0**

Environmental Data Table 2017

				Total all sites			Breweries, cider, soft drink and water plants			Malting sites			Other and packaging
Performance indicator	**Unit**	**2015**	**2016**	**2017**	**2015**	**2016**	**2017**	**2015**	**2016**	**2017**	**2015**	**2016**	**2017**
Destinations of co-products and waste													
Re-use	tons	18,110	13,976	**4,220**	18,110	13,976	**4,220**	0	0	**0**	0	0	**0**
Human consumption	tons	54,764	71,353	**73,202**	54,764	71,353	**73,202**	0	0	**0**	0	0	**0**
Animal feed	tons	2,732,862	2,947,785	**2,985,857**	2,687,271	2,891,911	**2,931,403**	44,225	46,928	**54,231**	1,365	8,945	**224**
New materials	tons	220,950	234,320	**256,128**	215,848	233,947	**246,426**	173	80	**177**	4,930	294	**9,526**
Compost/soil improvement	tons	151,057	150,922	**166,459**	129,764	132,389	**146,658**	16,002	17,150	**16,803**	5,292	1,384	**2,998**
Fermentation into biogas	tons	43,429	52,402	**45,384**	15,553	20,947	**22,829**	0	0	**0**	27,876	31,455	**22,555**
Combustion with energy recovery	tons	18,752	35,305	**38,915**	18,672	35,241	**38,851**	29	28	**25**	51	36	**39**
Combustion without heat recovery	tons	2,350	4,029	**2,379**	2,350	4,029	**2,356**	0	0	**23**	0	0	**0**
Landfill	tons	189,131	120,796	**133,759**	182,314	119,692	**132,760**	6,353	718	**334**	464	386	**665**