

PERFORMANCE TABLE – DISAGGREGATED DATA BY REGION

Natural capital – The environment

	2018	2017	2016
Production performance			
Total production (External Sales) (kilotons)	17 836	18 472	18 806
Southern Africa: Including Mozambique	15 841	16 246	16 704
Eurasia	1 341	1 345	1 309
North America	654	881	793
Greenhouse gases (GHG) (kilotons)			
Direct methane (CH₄)	109	111	119
Southern Africa: Including Mozambique	109	111	119
Eurasia	0	0	0
North America	0	0	0
Nitrous Oxide (N₂O)	1,44	0,51	0,45
Southern Africa: Including Mozambique	1,43	0,51	0,45
Eurasia	0,00	0,00	0,00
North America	0,01	0,00	0,00
Direct carbon dioxide (CO₂) Scope 1	56 731	57 281	58 329
Southern Africa: Including Mozambique	55 045	55 225	56 273
Eurasia	698	748	748
North America	988	1309	1309
Indirect carbon dioxide (CO₂) Scope 2	7 756	7 659	8 046
Southern Africa: Including Mozambique	7 158	7 129	7545
Eurasia	473	170	162
North America	125	360	339
Indirect carbon dioxide (CO₂) Scope 3	0,59	0,78	0,52
Southern Africa: Including Mozambique	0,59	0,78	0,52
Eurasia	0,00	0,00	0,00
North America	0,00	0,00	0,00
Total greenhouse gas (CO₂ equivalent)	67 412,00	67 632,00	69 250,00
Southern Africa: Including Mozambique	65 250,00	65 351,00	66 692,00
Eurasia	823,00	943,00	910,00
North America	1 339,00	1 338,00	1 648,00
GHG intensity (CO₂ equivalent/ton product)	3,78	3,66	3,68
Southern Africa: Including Mozambique	4,12	4,02	3,99
Eurasia	0,61	0,70	0,70
North America	2,05	1,52	2,08
Atmospheric emissions (kilotons)			
Nitrogen oxides (NO_x)	147,00	152,00	156,00
Southern Africa: Including Mozambique	145,00	150,00	155,00
Eurasia	1,00	1,00	0,00
North America	1,00	1,00	1,00
Sulphur oxides (SO_x)	189,00	202,00	223,00
Southern Africa: Including Mozambique	188,93	201,95	222,92
Eurasia	0,02	0,03	0,06
North America	0,05	0,02	0,02
VOC indicator of performance	28,00	41,00	46,20
Southern Africa: Including Mozambique	27,99	40,98	46,18
Eurasia	0,00	0,00	0,00
North America	0,01	0,02	0,02
Particulates (fly ash)	10,20	10,00	9,80
Southern Africa: Including Mozambique	10,12	10,00	10,00
Eurasia	0,05	0,00	0,00
North America	0,00	0,00	0,00
Waste (kilotons)			
Hazardous waste	338,00	348,00	323,00
Southern Africa: Including Mozambique	319,00	330,00	304,00
Eurasia	18,00	15,00	15,00
North America	1,00	3,00	4,00
Non-hazardous waste	258,00	154,00	175,00
Southern Africa: Including Mozambique	220,00	126,00	125,00
Eurasia	17,00	11,00	11,00
North America	21,00	17,00	39,00
Total waste	596,00	502,00	498,00
Southern Africa: Including Mozambique	539,00	456,00	428,00
Eurasia	35,00	26,00	27,00
North America	22,00	20,00	43,00
Recycled waste	101,00	151,00	70,00
Southern Africa: Including Mozambique	77,00	130,72	31,00
Eurasia	24,00	20,20	21,00
North America	0,00	0,08	18,00

	2018	2017	2016
Energy use (thousand gigajoules)			
Electricity (purchased)	28 470,00	28 064,00	28 810,00
Southern Africa: Including Mozambique	26 485,00	25 682,00	26 548,00
Eurasia	886,00	1 272,00	1 210,00
North America	1 099,00	1 110,00	1 052,00
Feedstock to electricity (self-generated)	28 546,00	26 708,00	33 367,00
Southern Africa: Including Mozambique	25 080,00	23 965,00	32 353,00
Eurasia	3 466,00	2 743,00	1 014,00
North America	0,00	0,00	0,00
Feedstock to steam	258 587,00	261 403,00	271 416,00
Southern Africa: Including Mozambique	257 461,00	260 946,00	271 224,00
Eurasia	1 126,00	457,00	192,00
North America	0,00	0,00	0,00
Mobile fuel use	629,00	521,00	346,00
Southern Africa: Including Mozambique	342,00	520,68	345,61
Eurasia	287,00	0,32	0,39
North America	0,00	0,00	0,00
Stationary fuel use	3,40	3,60	3,30
Southern Africa: Including Mozambique	0,62	0,72	0,80
Eurasia	0,42	1,06	1,09
North America	2,36	1,81	1,41
Fuel gas	62 264,00	67 106,00	66 261,00
Southern Africa: Including Mozambique	31 983,00	34 408,00	34 275,00
Eurasia	9 106,00	10 765,00	9 680,00
North America	21 175,00	21 933,00	22 306,00
Other energy use	12 134,00	13 038,00	12 770,00
Southern Africa: Including Mozambique	7 646,00	12 271,00	12 042,00
Eurasia	3 874,00	50,00	45,00
North America	614,00	717,00	683,00
Total energy use	413 470,00	396 844,00	412 973,00
Southern Africa: Including Mozambique	372 120,00	352 891,00	373 517,00
Eurasia	18 459,00	20 191,00	15 683,00
North America	22 891,00	23 762,00	23 773,00
Material use (kiloton)			
Coal (dry ash-free basis)	17 474,00	17 961,00	17 963,00
Southern Africa: Including Mozambique	17 474,00	17 961,00	17 963,00
Eurasia	0,00	0,00	0,00
North America	0,00	0,00	0,00
Crude oil processed (kilotons)	3 979,00	4 379,00	4 529,00
Southern Africa: Including Mozambique	3 979,00	4 379,00	4 529,00
Eurasia	0,00	0,00	0,00
North America	0,00	0,00	0,00
Crude oil processed (mm bbl)	29,38	32,33	33,44
Southern Africa: Including Mozambique	29,38	32,33	33,44
Eurasia	0,00	0,00	0,00
North America	0,00	0,00	0,00
Nitrogen from air	584,00	583,00	528,00
Southern Africa: Including Mozambique	584,00	583,00	528,00
Eurasia	0,00	0,00	0,00
North America	0,00	0,00	0,00
Oxygen from air	11 855,00	12 873,00	12 747,00
Southern Africa: Including Mozambique	11 849,00	12 873,00	12 747,00
Eurasia	0,00	0,00	0,00
North America	6,00	0,00	0,00
Natural gas (kilotons)	2 007,00	2 007,00	2 099,00
Southern Africa: Including Mozambique	1 994,00	2 005,00	2 097,00
Eurasia	11,00	0,00	0,00
North America	2,00	2,00	2,00
Natural gas (bscf)	96,91	96,91	101,35
Southern Africa: Including Mozambique	96,28	96,81	101,25
Eurasia	0,53	0,00	0,00
North America	0,10	0,10	0,10
Other (eg chemicals, feedstock)	4 071,00	4 123,00	5 841,00
Southern Africa: Including Mozambique	1 123,00	1 123,00	2 851,00
Eurasia	1 398,00	1 356,00	1 334,00
North America	1 550,00	1 644,00	1 656,00
Total material use	39 969,00	41 926,00	43 708,00
Southern Africa: Including Mozambique	37 002,00	38 924,00	39 208,00
Eurasia	1 409,00	1 356,00	2 842,00
North America	1 558,00	1 646,00	1 658,00

	2018	2017	2016
Water (thousand cubic meters)			
Total water use	134 445,00	137 061,00	138 622,00
Southern Africa: Including Mozambique	118 180,00	120 344,06	121 198,85
Eurasia	9 139,00	9 711,94	10 346,15
North America	7 126,00	7 005,00	7 077,00
Liquid effluent	29 629,00	29 313,00	27 544,00
Southern Africa: Including Mozambique	21 802,00	22 708,00	20 558,00
Eurasia	3 615,00	2 297,00	2 787,00
North America	4 212,00	4 308,00	4 199,00
Water recycled	178 398,00	178 420,00	174 704,00
Southern Africa: Including Mozambique	114 894,00	114 045,00	107 027,00
Eurasia	63 504,00	64 375,00	67 677,00
North America	0,00	0,00	0,00
Land and biodiversity (hectares)¹			
Surface area affected by operations	12 780,00	11 344,00	11 470,00
Southern Africa: Including Mozambique	11 304,00	9 841,00	9 931,00
Eurasia	1 074,00	999,00	1 032,00
North America	402,00	504,00	507,00
Area dedicated to conservation	3 353,00	5 743,00	5 792,00
Southern Africa: Including Mozambique	3 071,00	5 059,00	5 108,00
Eurasia	282,00	684,00	684,00
North America	0,00	0,00	0,00
Land use and mining (hectare)			
Underground mining area	27 184,00	29 514,00	28 877,00
Southern Africa: Including Mozambique	27 184,00	29 514,00	28 877,00
Eurasia	0,00	0,00	0,00
North America	0,00	0,00	0,00

¹ Managing land use and biodiversity: we do not have operations in areas that have been declared biodiversity hotspots (areas identified as being critical or endangered eco-regions). However, we do have interests in areas of potential sensitivity, particularly as part of some of our upstream exploration and extraction activities. In accordance with our environmental management practices, the protection of biodiversity issues is addressed formally in new projects through environmental impact assessments (EIAs) and in existing projects through environmental management plans and/or programmes (EMPs). We are also working to assess the biodiversity of the habitats in land currently owned, leased or managed throughout the Group.

