

https://www.exxaro.com/investors/integrated-reports

Coal business performance

Coal production and sales volumes (000 tonnes)

	Produ	Production		Sales		
	FY18	FY17	FY18	FY17		
Thermal	44 417	42 843	43 967	43 258		
Commercial - Waterberg	27 375	23 406	25 364	22 466		
Commercial – Mpumalanga	10 433	12 037	4 033	5 777		
Exports commercial			7 965	7 612		
Tied	6 609	7 400	6 605	7 403		
Metallurgical						
Commercial - Waterberg	2 323	2 132	1 197	1 190		
Total coal	46 740	44 975	45 164	44 448		
Semi-coke	23	86	33	88		
Total coal (excluding buy-ins)	46 763	45 061	45 197	44 536		
Thermal coal buy-ins	1 049	504				
Total coal (including buy-ins)	47 812	45 565	45 197	44 536		

Production for year ended 31 December (000t)

2 027

1 513

2 320

1 524

339

1 845

2 081

10 948

717

43

2011

14 909

1 862

1 460

2 151

1 879

299

1 918

142

2 291

10 150

628

2 265

2010

14 294

2 419

1 441

1 688

1 408

285

1 779

114

4 173

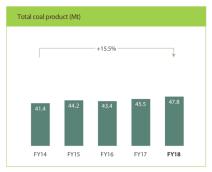
12 288

850

2 674



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Products

Steam coal

Steam coal

Steam coal

Steam coal

Char

North Block Complex Power station coal (Eskom)

Steam coal

Power station coal (Eskom)

Power station coal (Eskom)

Coking coal (ArcelorMittal)

Power station coal (Eskorn)

Semi-soft coking coal

| 934 | 934 | 935 | 965 | 965 | 967 | 988 | 999 | 991 | 1000 | 1011 | 1012 | 1013 | 1014 | 1015 | 1016 | 1017 | 1018 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 1019 | 10

Operation

Grootegeluk mine

Leeuwpan mine

Mafube coal

Inyanda mine

Arnot mine

Matla mine

Exxaro Reductants

New Clydesdale mine Steam coal

			-2)		
	0.2	0,9	1,2	0,6	8,5	
	0,3			7.9		8,1
13,3	12,0	12,0	9,3	1,5		
					41,2	
			33,7	34,9		39,2
27,8	27,9	28,5				

	0,3	0,9	1,2	0,6	8,5	8,1
13,3	12,0	12,0	9,3	7.9		
73,0						
					41,2	
			33,7	34,9		39,2
27,8	27,9	28,5				
2012	2013	2014	2015	2016	2017*	2018*
Commerc	cial Tie	d Buy	r-ins			

	12 months ended 31 December					
000 tonnes produced	2010	2009	2008	2007		
COAL						
Coking coal	2 419	2 020	2 560	2 962		
Grootegeluk	2 134	1 752	2 233	2 499		
Tshikondeni	285	268	327	463		
Power station coal (Eskom)	36 767	36 562	36 700	34 246		
Grootegeluk	14 924	15 324	14 581	14 510		
Leeuwpan	1 688	1 247	1 188	956		
Matta	12 288	11 273	13 230	13 030		
Arnot	4 173	5 213	4 865	3 702		
New Clydesdale			115	156		
North Block Complex	2 674	2 822	2 271	1 892		
Mafube	1 020	683				
Steam coal	7 502	6 638	5 574	4 111		
Grootegeluk	1 441	1 207	1 387	1 486		
Leeuwpan	1 408	1 259	1 801	1 421		
New Clydesdale	850	822	984	814		
North Block Complex	697	691	561	391		
Inyanda	1 779	1 843	841			
Mafube	1 327	816				
Char	114	38				
Total coal production	46 802	45 258	44 834	41 319		

Exxaro Integrated Annual Report 2012, page 6: Coal mining.

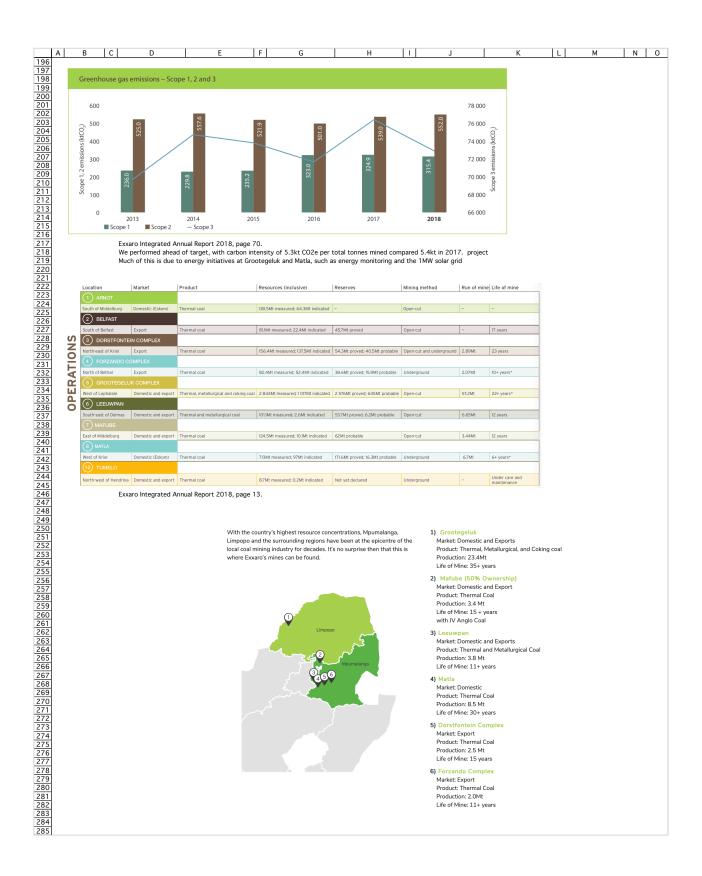
		31 De	ths ended cember		12 months ended 30 June		
'000 tonnes	2006	2005	2004	2003	2003	2002	
IRON ORE							
Production							
Sishen ¹	28 692	28 458	27 609	27 110	26 168	25 903	
Thabazimbi ¹	2 418	2 529	2 503	2 484	2 389	2 421	
Total	31 110	30 987	30 112	29 594	28 557	28 324	
Sales							
Export ¹	21 495	22 113	20 923	20 446	20 946	19 916	
COKING COAL							
Production							
Grootegeluk	2 133	1 859	1 972	1 781	1 830	1 670	
Tshikondeni	363	414	437	381	377	404	
Total	2 496	2 273	2 409	2 162	2 207	2 074	
THERMAL COAL							
(Eskom)							
Production ²	34 599	14 573	14 383	13 869	13 036	13 351	
Sales to Eskom ²	34 665	14 703	14 356	14 097	13 051	13 198	
THERMAL/							
METALLURGICAL							
COAL							
Production							
Grootegeluk	1 585	1 551	1 403	1 323	1 313	1 194	
Leeuwpan	1 504	1 442	1 249	1 610	1 456	1 631	
New Clydesdale ²	1 107						
North block complex ²	469						
Total	4 665	2 993	2 652	2 933	2 769	2 825	

Exxaro Integrated Annual Report 2010, page 10.

	Years ended 30 June						
	2003	2002	2001	2000	1999	1998	
IRON ORE PRODUCTION (000 TONNES) Sishen Thabazimbi	26 168 2 389	25 903 2 421	24 842 2 202	22 669 2 156	21 601 2 901	23 439 2 789	
Total	28 557	28 324	27 044	24 825	24 502	26 228	
SALES Sishen exports (000 tonnes)	20 946	19 916	18 057	18 750	16 842	18 332	
COKING COAL PRODUCTION (000 TONNES) Grootsgelder Tailkindnern Durnacol Hildsane	1 830 377	1 670 404	1 536 408 182	1 312 375 386	1 207 343 415 22	1 402 328 677 199	
Total	2 207	2 074	2 126	2 073	1 987	2 606	
THERMAL COAL (000 TONNES) Production Sales to Eskorn	13 036 13 051	13 351 13 198	12 037 11 934	12 261 12 072	11 495 11 829	12 847 12 857	
OTHER COAL PRODUCTION (000 TONNES) Geordegeldik Northfield Hilbane	1 313 1 456	1 194 1 631	1 258 1 575	1 152 934	706 906 59 1	504 738 250 92	
Total	2 769	2 825	2 833	2 086	1 672	1 584	

Kumba Resources Annual Report 2003, page 1.

Exxaro Annual Report 2006, page 4.



Cell: H9

Comment: Rick Heede:

Exxaro Resources (formerly part of Kumba Resources) is a large coal and heavy minerals mining company in South Africa. The company operates facilities and offices in Africa, Asia, Europe and Australia. The company is listed on the Johannesburg Stock Exchange and at 31 December 2016, had assets of R59.931 billion and a market capitalisation of R32.05 billion. The company was formerly known as Kumba Resources Limited and changed its name to Exxaro Resources Limited in November 2006. The company is based in Pretoria West, South Africa. Exxaro Resources Limited is a subsidiary of Main Street 333 Proprietary Limited. https://en.wikipedia.org/wiki/Exxaro (Jun19)

Kumba Resources was reorganized in November 2006 when coal and heavy minerals operations were spun off to newly created companies Kumba Iron Ore (Heavy minerals) and Exxaro Resources(Coal).

Cell: K11

Comment: Rick Heede:

Coal production by coal mining companies and state-owned enterprises, including subsidiaries of oil and gas companies.

Coal types produced are not ordinarily reported by coal operators (except for metallurgical coal). We distinguish, where possible and reasonably well known, between hard (bituminous and subbituminous) and soft (lignite or peat) coals, especially for the larger companies operating in regions such as Australia and India where soft coals are predominant. Soft coals have lower carbon content per tonne than do hard coals.

Cell: D65

Comment: Rick Heede:

Kumba Resources Annual Report 2003 coal production for 1998 to 2003. CAI adds Thermal coal and 50% of "other coal" (the other 50% allocated to coking and metallurgical coal. Thus, in 2002, thermal coal totaled 13.64 Mt, and coking plus metallurgical coal totaled 3.40 Mt.

(See table below.)

Cell: D70

Comment: Rick Heede:

Exxaro Annual Report 2006 coal production for 2003 to 2006. CAI adds Thermal coal and 50% of "other coal" (the other 50% allocated to coking and metallurgical coal. (See table below.)

Cell: D74

Comment: Rick Heede:

Exxaro Integrated Annual Report 2010, page 10.

Cell: D77

Comment: Rick Heede:

Exxaro Integrated Annual Report 2012, page 6: Coal mining.

Cell: D79

Comment: Rick Heede:

Exxaro Integrated Annual Report 2068, page 73. Exxaro does not show precise production data. CAI uses figure of total production 2012-2016 (reproduced below), including "buy-ins" (which are not defined, and included in our table).

Cell: E84

Comment: Rick Heede:

Exxaro Intergrated Annual Report for 2018, page 80 and 84: thermal coal production (excluding "buy-ins") of 46.763 Mt, and very small semi-coke production (0.023 Mt). See table below.