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#### **COVER NOTE**

From:	Secretary-General of the European Commission, signed by Mr Jordi AYET PUIGARNAU, Director			
date of receipt:	6 March 2014			
To:	Mr Uwe CORSEPIUS, Secretary-General of the Council of the European Union			
No. Cion doc.:	SWD(2014) 53 final - PART 6/7			
Subject:	COMMISSION STAFF WORKING DOCUMENT			
	IMPACT ASSESSMENT			
	PART 6 (Fourth part of Annex III to the Impact Assessment)			
	Accompanying the document			
	Proposal for a Regulation of the European Parliament and of the Council setting up a Union system for supply chain due diligence self-certification of responsible importers of tin, tantalum and tungsten, their ores, and gold originating in conflict-affected and high-risk areas			

Delegations will find attached document SWD(2014) 53 final - PART 6/7.

Encl.: SWD(2014) 53 final - PART 6/7



EUROPEAN COMMISSION

> Brussels, 5.3.2014 SWD(2014) 53 final

PART 6/7

# COMMISSION STAFF WORKING DOCUMENT

# IMPACT ASSESSMENT

# PART 6 (Fourth part of Annex III to the Impact Assessment)

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> {COM(2014) 111 final} {SWD(2014) 52 final}

# ANNEX III (Cont.)

### 5. ANNEXES

 5.1 Annex 1: World Production of Tantalum by Development Status, Income, Political Stability of the Producer Countries (according World Bank), Country Groups and Economic Blocks (Reichl et al. 2013)

Tantalum-Colum	nbium				
	2007	2008	2009	2010	2011
	metr. t	metr. t	metr. t	metr. t	metr. t
Development status:					
Developed C.	4 803	5 112	4 464	4 419	4 997
Developing C.	129 788	144 980	166 057	166 106	169 640
Least Developed C.	1 567	2 273	2 017	1 844	2 011
Transition C.	0	0	0	0	0
Total	136 158	152 365	172 538	172 369	176 648
Annual per capita inco	me:				
High Income	4 803	5 112	4 464	4 419	4 997
Upper Middle Inc	129 586	144 759	165 865	165 943	169 457
Lower Middle Inc	2	221	192	163	183
Low Income	1 767	2 273	2 017	1 844	2 011
Total	136 158	152 365	172 538	172 369	176 648
Political stability:					
Stable	0	0	0	0	0
Fair	4 999	5 508	170 734	170 792	5 4 97
Unstable	130 557	145 951	952	752	170 350
Extreme Unst.	602	906	852	825	801
Total	136 158	152 365	172 538	172 369	176 648
Country groups and ec	conomic blocks:				
ACP	1 767	2 492	2 207	2 004	2 191
ASEAN	0	0	0	0	0
BRIC	129 586	144 759	165 865	165 943	169 457
CPE	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G-8	4 368	4 432	4 359	4 419	4 532
MERCOSUR	129 586	144 759	165 865	165 943	169 457
NAFTA OECD	4 368 4 803	4 432 5 112	4 359 4 464	4 419 4 419	4 532 4 997
SADC	4 803	905	4 464 873	4 4 19 827	4 997 850
					200

### 5.2 Annex 2: Examples of industry uses of tantalum according to the ISIC Code

Division	Group	Class
	Section B - Mining and quarrying	
07- Mining of metal ores	072 - Mining of non-ferrous metal ores	0729 - Mining of other non-ferrous metal ores
	Section C – Manufacturing	
20 - Manufacture of	202 - Manufacture of other chemical	2029 - Manufacture of other
chemicals and chemical products	products	chemical products n.e.c.
24 Manufacture of basic metals	243 - Casting of metals	2432 - Casting of non-ferrous metals
25 Manufactures of	251 - Manufacture of structural metal	2512 - Manufacture of tanks,
fabricated metal products, except machinery and equipment	products, tanks, reservoirs and steam	reservoirs and containers of metal
	252 - Manufacture of weapons and ammunition	2520 - Manufacture of weapons and ammunition
	259 - Manufacture of other fabricated metal products; metalworking service activities	<ul> <li>2591 - Forging, pressing, stamping and roll-forming of metal; powder metallurgy</li> <li>2592 - Treatment and coating of</li> </ul>
		metals; machining 2593 - Manufacture of cutlery, hand
26 Manufacture of	261 - Manufacture of electronic	tools and general hardware 2610 - Manufacture of electronic
computer, electronic and optical products	components and boards	components and boards
	262 - Manufacture of computers and	2620 - Manufacture of computers
	peripheral equipment	and peripheral equipment
	263 - Manufacture of communication	2630 - Manufacture of
	equipment	communication equipment
	264 - Manufacture of consumer electronics	2640 - Manufacture of consumer
		electronics
	265 - Manufacture of measuring, testing, navigating and control equipment; watches and clocks	2651 - Manufacture of measuring, testing, navigating and control equipment
	265 - Manufacture of measuring, testing,	2652 - Manufacture of watches and
	navigating and control equipment; watches and clocks	clocks
	266 - Manufacture of irradiation,	2660 - Manufacture of irradiation,
	electromedical and electrotherapeutic	electromedical and
	equipment	electrotherapeutic equipment
	267 - Manufacture of optical instruments	2670 - Manufacture of optical
	and photographic equipment	instruments and photographic equipment
	268 - Manufacture of magnetic and optical media	2680 - Manufacture of magnetic and optical media
Division	Group	Class
27 Manufacture of electrical	271 - Manufacture of electric motors,	2710 - Manufacture of electric
equipment	generators, transformers and electricity	motors, generators, transformers
	distribution and control apparatus	and electricity distribution and

Division	Group	Class
		control apparatus
	274 - Manufacture of electric lighting	2740 - Manufacture of electric
	equipment	lighting equipment
	275 - Manufacture of domestic appliances	2750 - Manufacture of domestic appliances
	279 - Manufacture of other electrical	2790 - Manufacture of other
	equipment	electrical equipment
28 Manufacture of	281 - Manufacture of general-purpose	2811 - Manufacture of engines and
machinery and equipment	machinery	turbines, except aircraft, vehicle and
n.e.c.		cycle engines
	282 - Manufacture of special-purpose	2824 - Manufacture of machinery
	machinery	for mining, quarrying and
		construction
		2829 - Manufacture of other
		special-purpose machinery
29 Manufacture of motor	293 - Manufacture of parts and accessories	2930 - Manufacture of parts and
vehicles, trailers and semi-	for motor vehicles	accessories for motor vehicles
trailers		
	303 – Manufacture of air and spacecraft and	3030 - Manufacture of air and
	related machinery	spacecraft and related machinery
32 Other manufacturing	325 - Manufacture of medical and dental	3250 - Manufacture of medical and
-	instruments and supplies	dental instruments and supplies



Tantalum-Colur	mbium				
Country	2007	2008	2009	2010	2011
	metr. t				
Australia	435	680	105	0	465
Bolivia	2	2	2	3	3
Brazil	129 586	144 759	165 865	165 943	169 457
Burundi	18	91	24	67	68
Canada	4 368	4 432	4 359	4 4 1 9	4 532
Congo, D.R.	267	509	468	397	350
Ethiopia	117	82	166	198	200
Mozambique	196	396	405	430	500
Nigeria	200	219	190	160	180
Rwanda	969	1 190	950	749	890
Somalia		5	4	3	3
Total	136 158	152 365	172 538	172 369	176 648

#### 5.3 Annex 3: Production of Tantalum of individual Countries (Reichl et al., 2013)

#### 5.4 Annex 4: Share of World Tantalum Production 2011 by Countries (Reichl et al. 2013)

ntalun	n-Colum	bium			
Rank	Rank	Country	Production	Share	Share
2011	2010		2011	in %	cum. %
			metr. t		
1	(1)	Brazil	169 457	95,93	95,93
2	(2)	Canada	4 532	2,57	98,49
3	(3)	Rwanda	890	0,50	99,00
4	(5)	Mozambique	500	0,28	99,28
5	(7)	Australia	465	0,26	99,54
6	(4)	Congo, D.R.	350	0,20	99,74
7	(6)	Ethiopia	200	0,11	99,86
8	(8)	Nigeria	180	0,10	99,96
9	(9)	Burundi	68	0,04	100,00
10	(10)	Bolivia	3	0,00	100,00
11	(11)	Somalia	3	0,00	100,0
		Total	176 648	100,00	

1		(Metric tons)			
Country	2007	2008	2009	2010	2011 <sup>e</sup>
Australia:					
Primary	118	170	7.637	3.000	3.000
Secondary <sup>e</sup>	400	400	400	400	400
Total <sup>e</sup>	518	570	8.037	3.400	3.400
Belgium, secondary <sup>e</sup>	5.000	5.000	5.000	5.000	5.000
Bolivia, primary	12.251	12.666 r	14.995 <sup>r</sup>	14.975 <sup>r</sup>	14.518
Brazil:			i i		
Primary	9.384	11.020 <sup>r</sup>	8.311 <sup>r</sup>	9.098 <sup>r</sup>	9.100
Secondary <sup>e</sup>	250	250	250	250	250
Total	9.634	11.270 r	8.561 r	9.348 r	9.350
Bulgaria, secondary <sup>e</sup>	10	10	10	10	10
Burma, primary <sup>e</sup>	30	30	30	30	30
China, undifferentiated <sup>e</sup>	149.000	140.000	140.000	150.000	156.000
Denmark, secondary <sup>e</sup>	100	75	75	75	60
Greece, secondary <sup>e</sup>	100	75	75	60	50
ndonesia, primary	64.127	53.417 r	51.418 r	43.832 r	43.000
apan, primary	879	956 <sup>r</sup>	757	841 r	850
Malaysia, primary	25.263	31.630 <sup>r</sup>	36.407 <sup>r</sup>	38.737 <sup>r</sup>	40.267
Mexico, primary	25	15	15		
Norway, secondary <sup>e</sup>	50	50	50	50	50
Peru, primary	36.004	38.865 <sup>r</sup>	34.503 <sup>r</sup>	36.451 r	32.290
Russia: <sup>e</sup>					
Primary	3.800	2.000	1.700	100 <sup>r</sup>	100
Secondary	400	300	300	300	300
Total	4.200	2.300	2.000	400 <sup>r</sup>	400
pain, secondary <sup>e</sup>	10	10	10	10	10
Fhailand, primary	23.104 <sup>r</sup>	21.860 <sup>r</sup>	19.423 <sup>r</sup>	20.000 r	20.000
United States, secondary	12.200	11.700	11.100	11.100 <sup>r</sup>	11.000
Vietnam, primary	3.369	3.583	2.747 r	3.042 r	3.000
Grand total	346.000	334.000 <sup>r</sup>	335.000 <sup>r</sup>	337.000 <sup>r</sup>	339.000
Of which:	170.000 [	17.000 [	170.000 [	170.000 [	1
Primary	178.000 r	176.000 r	178.000 r	170.000 r	166.000
	18.500	17.900	17.200	17.200 r	17.200
SecondaryUndifferentiated <sup>e</sup>	149.000 <sup>r</sup>	140.000 <sup>r</sup>	140.000 <sup>r</sup>	150.000 <sup>r</sup>	156.000

#### 5.5 Annex 5: Tin: World Smelter Production, by Country (USGS 2013c)



 5.6 Annex 6: World Production of Tin by Development Status, Income, Political Stability of the Producer Countries (according World Bank), Country Groups and Economic Blocks (Reichl et al. 2013)

Tin					
	2007 metr. t	2008 metr. t	2009 metr. t	2010 metr. t	2011 metr. t
Development status:					
Developed C. Developing C Least Developed C. Transition C.	2 112 291 049 14 808 2 500	2 002 289 527 16 938 1 500	5 674 273 966 14 253 1 200	6 668 324 893 12 841 1 000	6 639 316 409 9 563 600
Total	310 469	309 967	295 093	345 402	333 211
Annual per capita inc	come:				
High Income Upper Middle Inc Lower Middle Inc Low Income	2 112 17 359 268 290 22 708	2 002 57 038 228 589 22 338	5 674 50 615 219 151 19 653	6 668 47 916 272 577 18 241	6 639 199 836 117 697 9 039
Total	310 469	309 967	295 093	345 402	333 211
Political stability:					
Stable Fair Unstable Extreme Unst.	0 9 803 288 566 12 100	0 10 599 284 768 14 600	0 20 582 261 856 12 655	0 25 136 309 548 10 718	0 15 906 311 471 5 834
Total	310 469	309 967	295 093	345 402	333 211
Country groups and e	economic blocks:				
ACP ASEAN BRIC CPE EC EFTA G-8 MERCOSUR NAFTA OECD	$\begin{array}{c} 15\ 388\\ 73\ 854\\ 164\ 096\\ 154\ 428\\ 41\\ 0\\ 2\ 500\\ 12\ 596\\ 0\\ 2\ 112\\ 96\ 0\\ 2\ 112\\ 96\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ $	17 619 88 566 145 399 135 444 49 0 1 500 13 899 0 2 002	$\begin{array}{c} 14 \ 974 \\ 65 \ 659 \\ 151 \ 700 \\ 146 \ 408 \\ 44 \\ 0 \\ 1 \ 200 \\ 9 \ 500 \\ 0 \\ 5 \ 674 \\ 100 \end{array}$	$\begin{array}{c} 12\ 789\\ 107\ 507\\ 164\ 400\\ 158\ 400\\ 22\\ 0\\ 1\ 000\\ 10\ 000\\ 10\ 400\\ 0\\ 6\ 68\\ 8\ 700\end{array}$	$\begin{array}{c} 10\ 305\\ 99\ 687\\ 167\ 325\\ 161\ 400\\ 39\\ 0\\ 600\\ 10\ 725\\ 0\\ 6\ 639\\ 2\ 500\\ \end{array}$
SADC	9 600	12 800	10 100	8 700	3 500

5.7	Annex 7: Share of World	Tin Production 2011	by Countries	(Reichl et al. 2013)
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Tin					
Rank	Rank	Country	Production	Share	Share
2011	2010	,	2011	in %	cum. %
2011	2010		metr. t		ouni /o
			indu. t		
1	(1)	China	156 000	46,82	46,82
2	(2)	Indonesia	89 600	26,89	73,71
3	(3)	Peru	28 882	8,67	82,37
4	(4)	Bolivia	20 373	6,11	88,49
5	(5)	Brazil	10 725	3,22	91,71
6	(7)	Australia	6 600	1,98	93,69
7	(8)	Vietnam	5 400	1,62	95,31
8	(9)	Rwanda	5 005	1,50	96,81
9	(6)	Congo, D.R.	3 500	1,05	97,86
10	(10)	Malaysia	3 343	1,00	98,86
11	(11)	Nigeria	1 800	0,54	99,40
12	(12)	Russia, Asia	600	0,18	99,58
13	(14)	Myanmar	534	0,16	99,75
14	(13)	Laos	524	0,16	99,90
15	(15)	Thailand	286	0,09	99,99
16	(16)	Portugal	39	0,01	100,00
		Total	333 211	100,00	



5.8 Annex 8: World Production of Tungsten by Development Status, Income, Political Stability of the Producer Countries (according World Bank), Country Groups and Economic Blocks (Reichl et al. 2013)

Fungsten					
	2007	2008	2009	2010	2011
	metr. t	metr. t	metr. t	metr. t	metr. t
Development status:					
Developed C.	4 697	4 878	4 440	2 433	4 245
Developing C.	44 512	46 840	52 593	71 119	73 726
Least Developed C.	2 567	1 665	885	866	907
Transition C.	3 700	3 700	2 900	3 200	3 400
Total	55 <mark>47</mark> 6	57 083	60 818	77 618	82 278
Annual per capita incor	me:				
High Income	4 697	4 878	4 440	2 433	4 245
Upper Middle Inc	3 837	4 164	3 326	3 682	74 038
Lower Middle Inc	43 725	45 626	51 967	69 287	2 888
Low Income	3 217	2 415	1 085	2 216	1 107
Total	55 476	57 083	60 818	77 618	82 278
Political stability:					
Stable	1 117	1 122	0	0	0
Fair	4 089	4 149	4 534	3 523	5 4 1 5
Unstable	49 269	51 347	55 578	73 330	76 564
Extreme Unst.	1 001	465	706	765	299
Total	55 476	57 083	60 818	77 618	82 278
Country groups and ec	onomic blocks:				
ACP	2 384	1 529	798	703	737
ASEAN	1 006	718	437	1 768	1 612
BRIC	44 737	47 108	52 592	69 966	73 200
CPE	41 409	43 947	50 127	68 264	71 170
EC	1 967	2 259	1 935	2 016	1 862
EFTA	0	0	0	0	0
G-8	5 900	5 808	4 901	3 200	5 368
MERCOSUR	537	408	192	166	300
NAFTA	2 700	2 608	2 501	400	2 368
OECD	4 697	4 878	4 440	2 433	4 245
SADC	580	340	190	40	19

5.9	Annex 9: Tungster	production of individua	I countries	(Reichl et al. 2013)
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Tungsten					
Country	2007	2008	2009	2010	2011
	metr. t				
Australia	30	11	4	17	15
Austria	1 117	1 122	887	977	706
Bolivia	1 395	1 447	1 290	1 518	1 418
Brazil	537	408	192	166	300
Burundi	121	125	79	107	110
Canada	2 700	2 608	2 501	400	2 368
China	41 000	43 500	50 000	67 000	69 900
Congo, D.R.	580	340	190	40	19
Kazakhstan	100	100	100	0	0
Korea, North	250	350	100	100	100
Kyrgyzstan	100	100	100	100	100
Mongolia	159	97	27	14	20
Myanmar	183	136	87	163	170
Peru	348	456	634	716	546
Portugal	850	983	823	799	819
Russia, Asia	2 720	2 720	2 040	2 380	2 550
Russia, Europe	480	480	360	420	450
Rwanda	1 597	1 016	520	501	598
Spain		154	225	240	337
Thailand	823	582	350	455	292
Uganda	86	48	9	55	10
Uzbekistan	300	300	300	300	300
Vietnam				1 150	1 150
Total	55 476	57 083	60 818	77 618	82 278



### 5.10 Annex 10: Share of World Tungsten Production 2011 by Countries (Reichl et al. 2013)

Tungstei	n				
_		0	Desiduation	Ohana	Ohaaa
	Rank	Country	Production	Share	Share
2011	2010		2011	in %	cum. %
			metr. t		
1	(1)	China	69 900	84,96	84,96
2	(2)	Russia, Asia	2 550	3,10	88,06
3	(11)	Canada	2 368	2,88	90,93
4	(3)	Bolivia	1 418	1,72	92,66
5	(4)	Vietnam	1 150	1,40	94,05
6	(7)	Portugal	819	1,00	95,05
7	(5)	Austria	706	0,86	95,91
8	(6)	Rwanda	598	0,73	96,63
9	(8)	Peru	546	0,66	97,30
10	(10)	Russia, Europe	450	0,55	97,85
11	(14)	Spain	337	0,41	98,25
12	(16)	Brazil	300	0,36	98,62
13	(15)	Uzbekistan	300	0,36	98,98
14	(9)	Thailand	292	0,35	99,34
15	(19)	Myanmar	170	0,21	99,55
16	(17)	Burundi	110	0,13	99,68
17	(13)	Korea, North	100	0,12	99,80
18	(18)	Kyrgyzstan	100	0,12	99,92
19	(22)	Mongolia	20	0,02	99,95
20	(12)	Congo, D.R.	19	0,02	99,97
21	(21)	Australia	15	0,02	99,99
22	(20)	Uganda	10	0,01	100,00
		Total	82 278	100,00	



5.11 Annex 11: World production of gold, by development status, income, political stability of the producer countries (according World Bank), country groups and economic blocks (Reichl et al. 2013)

7 2008 9 kg 1 583 712 1 252 066 5 157 924 2 302 729 2 2 296 431 3 581 070 6 864 470 5 523 257 8 327 634 2 2 296 431	2009 kg 583 256 1 415 759 180 687 324 123 2 503 825 582 243 926 826 810 046 184 710	2010 kg 637 049 1 445 098 201 759 331 666 2 615 572 636 136 942 314 834 866 202 256	kg 629 835 1 442 856 224 912 323 671 2 621 274 633 556 1 317 492 441 904
g kg 1 583 712 4 1 252 066 5 157 924 2 302 729 2 2 296 431 3 581 070 6 864 470 5 523 257 8 327 634	kg 583 256 1 415 759 180 687 324 123 2 503 825 582 243 926 826 810 046	kg 637 049 1 445 098 201 759 331 666 2 615 572 636 136 942 314 834 866	kg 629 835 1 442 856 224 912 323 671 2 621 274 633 556 1 317 492 441 904
g kg 1 583 712 4 1 252 066 5 157 924 2 302 729 2 2 296 431 3 581 070 6 864 470 5 523 257 8 327 634	kg 583 256 1 415 759 180 687 324 123 2 503 825 582 243 926 826 810 046	kg 637 049 1 445 098 201 759 331 666 2 615 572 636 136 942 314 834 866	kg 629 835 1 442 856 224 912 323 671 2 621 274 633 556 1 317 492 441 904
1       583 712         4       1 252 066         5       157 924         2       302 729         2       2 296 431         3       581 070         6       864 470         5       523 257         8       327 634	583 256 1 415 759 180 687 324 123 2 503 825 582 243 926 826 810 046	637 049 1 445 098 201 759 331 666 2 615 572 636 136 942 314 834 866	629 835 1 442 856 224 912 323 671 2 621 274 633 556 1 317 492 441 904
4         1 252 066           5         157 924           2         302 729           2         2 296 431           3         581 070           6         864 470           5         523 257           8         327 634	1 415 759 180 687 324 123 2 503 825 582 243 926 826 810 046	1 445 098 201 759 331 666 2 615 572 636 136 942 314 834 866	1 442 856 224 912 323 671 2 621 274 633 556 1 317 492 441 904
4         1 252 066           5         157 924           2         302 729           2         2 296 431           3         581 070           6         864 470           5         523 257           8         327 634	1 415 759 180 687 324 123 2 503 825 582 243 926 826 810 046	1 445 098 201 759 331 666 2 615 572 636 136 942 314 834 866	1 442 856 224 912 323 671 2 621 274 633 556 1 317 492 441 904
4         1 252 066           5         157 924           2         302 729           2         2 296 431           3         581 070           6         864 470           5         523 257           8         327 634	1 415 759 180 687 324 123 2 503 825 582 243 926 826 810 046	1 445 098 201 759 331 666 2 615 572 636 136 942 314 834 866	1 442 856 224 912 323 671 2 621 274 633 556 1 317 492 441 904
2 302 729 2 2 296 431 3 581 070 6 864 470 5 523 257 8 327 634	324 123 2 503 825 582 243 926 826 810 046	331 666 2 615 572 636 136 942 314 834 866	323 671 2 621 274 633 556 1 317 492 441 904
2 302 729 2 2 296 431 3 581 070 6 864 470 5 523 257 8 327 634	2 503 825 582 243 926 826 810 046	2 615 572 636 136 942 314 834 866	2 621 274 633 556 1 317 492 441 904
2 2 296 431 3 581 070 6 864 470 5 523 257 8 327 634	582 243 926 826 810 046	636 136 942 314 834 866	633 556 1 317 492 441 904
3 581 070 6 864 470 5 523 257 8 327 634	582 243 926 826 810 046	636 136 942 314 834 866	633 556 1 317 492 441 904
6 864 470 5 523 257 8 327 634	926 826 810 046	942 314 834 866	1 317 492 441 904
6 864 470 5 523 257 8 327 634	926 826 810 046	942 314 834 866	1 317 492 441 904
6 864 470 5 523 257 8 327 634	926 826 810 046	942 314 834 866	1 317 492 441 904
5 523 257 8 327 634	810 046	834 866	441 904
8 327 634			
			228 322
2 2 2 9 6 4 3 1			
2 2200 401	2 503 825	2 615 572	2 621 274
0 4 148	5 749	7 628	26 320
5 1 031 324	839 816	888 548	1 034 131
9 1 137 019	1 503 652	1 537 917	1 383 846
8 123 940	154 608	181 479	176 977
120 040	104 000	101 470	110 011
2 2 296 431	2 503 825	2 615 572	2 621 274
locks:			
3 548.846	574 849	595 567	622 633
			109 945
-			613 624
			366 663
			21 359
			21 3 3 9
•	-		528 536
			135 962
			423 028
			787 586
380 646			244 244
		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

Gold					
Country	2007	2008	2009	2010	201
,	kg	kg	kg	kg	kg
Algeria	236	647	998	723	34
Argentina	42 021	42 046	46 588	63 189	61 964
Armenia	565	600	682	1 033	2 14
Australia	247 000	215 000	223 000	260 000	258 000
Azerbaijan			353	2 092	177
Benin	19	20	20	20	2
Bolivia	8 818	8 405	7 217	6 394	6 48
Botswana	2 722	3 176	1 626	1 773	1 56
Brazil	49 613	54 666	60 330	62 047	65 20
Bulgaria	3 964	4 160	4 482	4 489	5 30
Burkina Faso	753	5 482	12 149	22 338	32 17
Burundi	2 423	2 168	980	293	1 05
Cameroon	600	600	600	600	60
Canada	102 377	96 501	97 235	102 693	100 37
Central African Rep.	13	37	61	60	6
Chile	41 527	39 162	40 834	39 494	45 13
China	270 490	275 285	313 980	340 880	360 96
Colombia	15 482	34 321	47 838	53 606	55 90
Congo, D.R.	5 100	3 300	3 500	3 500	3 50
Congo, Rep.	25	30	35	35	3
Costa Rica	1 221	154	205	200	50
Cote d'Ivoire	1 243	4 205	6 947	5 316	11 69
Dominican Republic	1210	41	425	533	49
Ecuador	4 588	4 133	5 392	4 753	4 14
Egypt	4 000	0	0	4 675	6 30
Eritrea	87	32	30	30	11 78
Ethiopia	3 342	4 180	3 159	6 002	11 20
Fiji	29	700	1 091	1 903	1 57
Finland	4 261	4 148	5 749	7 628	8 46
French Guiana	2 844	1 941	1 250	1 250	1 14
Gabon	300	300	300	300	30
Georgia	3 100	3 100	3 100	3 100	3 10
Ghana	77 349	80 433	91 143	92 380	97 80
Greenland	1 835	1 648	0	0	10
Guatemala	7 067	7 505	8 550	9 213	11 89
Guinea	15 303	17 981	17 545	24 836	18 79
Guyana	7 412	8 123	9 492	9 592	11 29
Honduras	3 012	1 846	2 127	2 197	1 89
India	2 969	2 438	2 084	2 239	2 19
Indonesia	117 851	64 390	140 488	119 726	68 22
Iran	850	850	850	850	40
Japan	8 870	6 868	7 709	8 223	8 69
Kazakhstan	22 564	20 825	22 839	30 272	36 84
Kenva	3 023	343	1 135	2 035	2 10
Korea, South	162	175	274	235	20
Kyrgyzstan	10 572	18 132	17 130	18 464	18 94
Laos	6 262	5 810	5 463	5 106	3 40
Liberia	311	624	524	800	46
Madagascar	1	50	31	15	-10
Malaysia	2 913	2 490	2 794	3 766	4 24
Mali	52 600	48 900	49 700	42 000	42 10

### 5.12 Annex 12: Production of gold of individual countries (Reichl et al. 2013)

### 5.13 Annex 12: Production of gold of individual countries (Reichl et al. 2013) (cont.)

Gold					
Country	2007	2008	2009	2010	2011
Mauritania	1 694	6 227	7 874	8 326	8 199
Mexico	43 710	50 818	62 439	79 375	88 649
Mongolia	17 473	15 184	9 803	6 037	5 703
Morocco	771	587	470	650	520
Mozambique	95	242	511	106	103
Myanmar	100	100	100	100	100
Namibia	2 519	2 115	2 0 1 4	2 683	2 063
New Zealand	8 833	13 403	13 442	13 494	11 761
Nicaragua	3 132	2 964	2 591	4 877	6 395
Niger	2 625	2 3 1 4	2 067	1 929	1 846
Nigeria	3 868	2 890	1 350	3 718	3 700
Oman	248	118	93	82	40
Panama	0		831	1 728	2 115
Papua New Guinea	57 549	67 436	68 173	66 901	62 271
Peru	170 235	179 870	183 994	164 084	164 013
Philippines	38 792	35 568	37 047	40 847	31 120
Poland	883	902	814	776	704
Romania	500	500	500	500	500
Russia, Asia	145 928	171 574	190 869	187 209	172 295
Russia, Europe	10 983	12 914	14 337	14 091	12 968
Saudi Arabia	4 441	4 527	4 4 27	4 476	4 612
Senegal	600	600	5 655	5 354	4 089
Serbia	500	712	452	356	360
Sierra Leone	212	191	167	270	164
Slovakia	92	198	346	534	398
Solomon Islands	93	141	130	130	1 588
South Africa	252 598	212 571	197 628	188 702	180 184
Sudan	6 049	7 508	14 914	26 317	23 739
Suriname	8 585	10 290	12 800	12 923	12 606
Sweden	5 159	4 953	5 542	6 285	5 994
Tajikistan	2 000	1 672	1 361	2 049	2 240
Tanzania	40 193	36 434	39 113	39 448	40 390
Thailand	3 401	2 721	4 866	4 046	2 860
Togo	10 159	11 835	12 955	10 452	16 469
Turkey	9 920	11 120	14 500	17 000	25 000
Uganda	3 542	2 055	931	918	163
United Kingdom	163	163	187	177	202
United States	238 000	233 327	223 000	231 000	234 000
	3 172	235 527	2 192	1 704	1 829
Uruguay Uzbekistan	72 850	73 200	73 000	73 000	73 000
Venezuela	11 809	10 815	12 232	6 991	6 960
Zambia	1 269	1 693	3 108	3 409	3 493
Zimbabwe	7 018	3 579	3 108	9 620	
Zimbabwe	7 010	3 21 9	4 900	9 620	12 949
Total	2 347 452	2 296 431	2 503 825	2 615 572	2 621 274

### 5.14 Annex 13: Share of world gold production 2011, by countries (Reichl et al. 2011)

old					
Rank	Rank	Country	Production	Share	Share
2011	2010		2011	in %	cum. %
			kg		
1	(1)	China	360 960	13,77	13,77
2	(2)	Australia	258 000	9,84	23,6
3	(3)	United States	234 000	8,93	32,5
4	(4)	South Africa	180 184	6,87	39,4
5	(5)	Russia, Asia	172 295	6,57	45,9
6	(6)	Peru	164 013	6,26	52,2
7	(9)	Canada	100 379	3,83	56,0
8	(8)	Ghana	97 801	3,73	59,8
9	(12)	Mexico	88 649	3,38	63,1
10	(10)	Uzbekistan	73 000	2,78	65,9
11	(7)	Indonesia	68 220	2,60	68,5
12	(13)	Brazil	65 209	2,49	71,0
13	(11)	Papua New Guinea	62 271	2,38	73,4
14	(14)	Argentina	61 964	2,36	75,8
15	(15)	Colombia	55 908	2,13	77,9
16	(17)	Chile	45 137	1,72	79,6
17	(19)	Mali	42 100	1,61	81,2
18	(18)	Tanzania	40 390	1,54	82,8
19	(20)	Kazakhstan	36 846	1,41	84,2
20	(22)	Burkina Faso	32 179	1,23	85,4
21	(16)	Philippines	31 120	1,19	86,6
22	(24)	Turkey	25 000	0,95	87,5
23	(55)	Sudan	23 739	0,91	88,4
24	(23)	Kyrgyzstan	18 940	0,72	89,2
25	(21)	Guinea	18 798	0,72	89,9
26	(28)	Togo	16 469	0,63	90,5
27	(25)	Russia, Europe	12 968	0,49	91,0
28	(30)	Zimbabwe	12 949	0,49	91,5
29	(27)	Suriname	12 606	0,48	92,0
30	(31)	Guatemala	11 898	0,45	92,4
31	(91)	Eritrea	11 788	0,45	92,9
32	(26)	New Zealand	11 761	0,45	93,3
33	(39)	Cote d'Ivoire	11 694	0,45	93,8
34	(29)	Guyana	11 292	0,43	94,2
35	(43)	Ethiopia	11 200	0,43	94,6
36	(32)	Japan	8 692	0,33	95,0
37	(58)	Finland	8 461	0,32	95,3
38	(33)	Mauritania	8 199	0,31	95,6
39	(34)	Venezuela	6 960	0,27	95,9
40	(35)	Bolivia	6 487	0,25	96,1
41	(41)	Nicaragua	6 395	0,24	96,4
42	(52)	Egypt	6 305	0,24	96,6
43	(36)	Sweden	5 994	0,23	96,8
44	(37)	Mongolia	5 703	0,22	97,0
45	(46)	Bulgaria	5 302	0,20	97,2

Deek	Deel	Country	Deschustion	Chara	Cher
2011	Rank 2010	Country	Production 2011	Share in %	Shar cum. 9
46	(42)	Saudi Arabia	4 612	0,18	97,47
47	(45)	Malaysia	4 242	0,16	97,63
48	(79)	Ecuador	4 149	0,16	97,79
49	(38)	Senegal	4 089	0,16	97,94
50	(47)	Nigeria	3 700	0,14	98,08
51	(50)	Congo, D.R.	3 500	0,13	98,22
52	(48)	Zambia	3 493	0,13	98,35
53	(40)	Laos	3 403	0,13	98,48
54	(49)	Georgia	3 100	0,12	98,60
55	(44)	Thailand	2 860	0,11	98,71
56	(57)	Tajikistan	2 240	0,09	98,79
57	(53)	India	2 192	0,08	98,88
58	(65)	Amenia	2 147	0,08	98,96
59	(**)	Panama	2 115	0,08	99,04
60	(59)	Kenya	2 100	0,08	99,12
61	(51)	Namibia	2 063	0,08	99,20
62	(54)	Honduras	1 893	0,07	99,27
63	(60)	Niger	1 846	0,07	99,34
64	(63)	Uruguay	1 829	0,07	99,41
65	(56)	Azerbaijan	1 775	0,07	99,48
66	(85)	Solomon Islands	1 588	0,06	99,54
67	(61)	Fiji	1 572	0,06	99,60
68	(62)	Botswana	1 562	0,06	99,66
69	(64)	French Guiana	1 140	0,04	99,70
70	(67)	Burundi	1 052	0,04	99,74
71	(70)	Poland	704	0,03	99,77
72	(74)	Cameroon	600	0,02	99,79
73	(73)	Morocco	520	0,02	99,81
74	(83)	Costa Rica	500	0,02	99,83
75	(77)	Romania	500	0,02	99,85
76	(78)	Dominican Republic	495	0,02	99,87
77	(69)	Liberia	469	0,02	99,89
78	(68)	Iran	400	0,02	99,90
79	(75)	Slovakia	398	0,02	99,92
80	(72)	Serbia	360	0,01	99,93
81	(72)	Algeria	341	0,01	99,94
82	(80)	Gabon	300	0,01	99,95
83	(82)	Korea, South	209	0,01	99,96
84	(84)	United Kingdom	203	0,01	99,97
85	(81)	Sierra Leone	164	0,01	99,98
86	(66)	Uganda	163	0,01	99,98
87	(**)	Greenland	104	0,00	99,99
88	(76)	Mozambique	103	0,00	99,99
89			100	0,00	99,99
90	(86)	Myanmar Central African Rep.	60		100,00
90	(89)		40		
91	(87)	Oman Congo, Rep.	40 35		100,00
92	(90) (92)	Benin	20		100,00 100,00
	/				
		Total	2 621 274	100,00	

5.15 Annex 13 (cont.): Share of world gold production 2011, by countries (Reichl et al. 2011)