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PART 6/7

**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**

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## 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-Columbium					
	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
<b>Total</b>	<b>136 158</b>	<b>152 365</b>	<b>172 538</b>	<b>172 369</b>	<b>176 648</b>
Annual per capita income:					
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
<b>Total</b>	<b>136 158</b>	<b>152 365</b>	<b>172 538</b>	<b>172 369</b>	<b>176 648</b>
Political stability:					
Stable	0	0	0	0	0
Fair	4 999	5 508	170 734	170 792	5 497
Unstable	130 557	145 951	952	752	170 350
Extreme Unst.	602	906	852	825	801
<b>Total</b>	<b>136 158</b>	<b>152 365</b>	<b>172 538</b>	<b>172 369</b>	<b>176 648</b>
Country groups and economic 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	4 368	4 432	4 359	4 419	4 532
OECD	4 803	5 112	4 464	4 419	4 997
SADC	463	905	873	827	850



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

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



Division	Group	Class
	<a href="#">268</a> - Manufacture of magnetic and optical media	2680 - Manufacture of magnetic and optical media
Division	Group	Class
27 Manufacture of electrical equipment	<a href="#">271</a> - Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus <a href="#">274</a> - Manufacture of electric lighting equipment <a href="#">275</a> - Manufacture of domestic appliances <a href="#">279</a> - Manufacture of other electrical equipment	2710 - Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus 2740 - Manufacture of electric lighting equipment 2750 - Manufacture of domestic appliances 2790 - Manufacture of other electrical equipment
28 Manufacture of machinery and equipment n.e.c.	<a href="#">281</a> - Manufacture of general-purpose machinery <a href="#">282</a> - Manufacture of special-purpose machinery	2811 - Manufacture of engines and turbines, except aircraft, vehicle and cycle engines 2824 - Manufacture of machinery for mining, quarrying and construction 2829 - Manufacture of other special-purpose machinery
29 Manufacture of motor vehicles, trailers and semi-trailers	<a href="#">293</a> - Manufacture of parts and accessories for motor vehicles 303 – Manufacture of air and spacecraft and related machinery	2930 - Manufacture of parts and accessories for motor vehicles 3030 - Manufacture of air and spacecraft and related machinery
32 Other manufacturing	<a href="#">325</a> - Manufacture of medical and dental instruments and supplies	3250 - Manufacture of medical and dental instruments and supplies



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

Tantalum-Columbium					
Country	2007 metr. t	2008 metr. t	2009 metr. t	2010 metr. t	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	4 419	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

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

Tantalum-Columbium					
Rank 2011	Rank 2010	Country	Production 2011 metr. t	Share in %	Share cum. %
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	100,00
		Total	176 648	100,00	



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

(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 <sup>r</sup>	14.995 <sup>r</sup>	14.975 <sup>r</sup>	14.518 <sup>3</sup>
Brazil:					
Primary	9.384	11.020 <sup>r</sup>	8.311 <sup>r</sup>	9.098 <sup>r</sup>	9.100 <sup>p</sup>
Secondary <sup>e</sup>	250	250	250	250	250
Total	9.634	11.270 <sup>r</sup>	8.561 <sup>r</sup>	9.348 <sup>r</sup>	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
Indonesia, primary	64.127	53.417 <sup>r</sup>	51.418 <sup>r</sup>	43.832 <sup>r</sup>	43.000
Japan, primary	879	956 <sup>r</sup>	757	841 <sup>r</sup>	850
Malaysia, primary	25.263	31.630 <sup>r</sup>	36.407 <sup>r</sup>	38.737 <sup>r</sup>	40.267 <sup>3</sup>
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 <sup>r</sup>	32.290 <sup>3</sup>
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
Spain, secondary <sup>e</sup>	10	10	10	10	10
Thailand, primary	23.104 <sup>r</sup>	21.860 <sup>r</sup>	19.423 <sup>r</sup>	20.000 <sup>r</sup>	20.000
United States, secondary	12.200	11.700	11.100	11.100 <sup>r</sup>	11.000 <sup>3</sup>
Vietnam, primary	3.369	3.583	2.747 <sup>r</sup>	3.042 <sup>r</sup>	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:					
Primary	178.000 <sup>r</sup>	176.000 <sup>r</sup>	178.000 <sup>r</sup>	170.000 <sup>r</sup>	166.000
Secondary	18.500	17.900	17.200	17.200 <sup>r</sup>	17.200
Undifferentiated <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

<sup>e</sup>Estimated. <sup>p</sup>Preliminary. <sup>r</sup>Revised. -- Zero.

<sup>1</sup>World totals, U.S. data, and estimated data are rounded to no more than three significant digits; may not add to totals shown.



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

Tin					
Rank 2011	Rank 2010	Country	Production 2011 metr. t	Share in %	Share cum. %
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)

Tungsten					
	2007 metr. t	2008 metr. t	2009 metr. t	2010 metr. t	2011 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
<b>Total</b>	<b>55 476</b>	<b>57 083</b>	<b>60 818</b>	<b>77 618</b>	<b>82 278</b>
Annual per capita income:					
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
<b>Total</b>	<b>55 476</b>	<b>57 083</b>	<b>60 818</b>	<b>77 618</b>	<b>82 278</b>
Political stability:					
Stable	1 117	1 122	0	0	0
Fair	4 089	4 149	4 534	3 523	5 415
Unstable	49 269	51 347	55 578	73 330	76 564
Extreme Unst.	1 001	465	706	765	299
<b>Total</b>	<b>55 476</b>	<b>57 083</b>	<b>60 818</b>	<b>77 618</b>	<b>82 278</b>
Country groups and economic 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: Tungsten production of individual countries (Reichl et al. 2013)

Tungsten					
Country	2007 metr. t	2008 metr. t	2009 metr. t	2010 metr. t	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)

Tungsten					
Rank 2011	Rank 2010	Country	Production 2011 metr. t	Share in %	Share cum. %
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)**

Gold	2007 kg	2008 kg	2009 kg	2010 kg	2011 kg
Development status:					
Developed C.	624 781	583 712	583 256	637 049	629 835
Developing C	1 300 764	1 252 066	1 415 759	1 445 098	1 442 856
Least Developed C.	152 845	157 924	180 687	201 759	224 912
Transition C.	269 062	302 729	324 123	331 666	323 671
<b>Total</b>	<b>2 347 452</b>	<b>2 296 431</b>	<b>2 503 825</b>	<b>2 615 572</b>	<b>2 621 274</b>
Annual per capita income:					
High Income	621 193	581 070	582 243	636 136	633 556
Upper Middle Inc	651 746	864 470	926 826	942 314	1 317 492
Lower Middle Inc	692 245	523 257	810 046	834 866	441 904
Low Income	382 268	327 634	184 710	202 256	228 322
<b>Total</b>	<b>2 347 452</b>	<b>2 296 431</b>	<b>2 503 825</b>	<b>2 615 572</b>	<b>2 621 274</b>
Political stability:					
Stable	9 420	4 148	5 749	7 628	26 320
Fair	1 060 225	1 031 324	839 816	888 548	1 034 131
Unstable	1 110 319	1 137 019	1 503 652	1 537 917	1 383 846
Extreme Unst.	167 488	123 940	154 608	181 479	176 977
<b>Total</b>	<b>2 347 452</b>	<b>2 296 431</b>	<b>2 503 825</b>	<b>2 615 572</b>	<b>2 621 274</b>
Country groups and economic blocks:					
ACP	571 323	548 846	574 849	595 567	622 633
ASEAN	169 319	111 079	190 758	173 591	109 945
BRIC	479 983	516 877	581 600	606 466	613 624
CPE	287 963	290 469	323 783	346 917	366 663
EC	15 022	15 024	17 620	20 389	21 359
EFTA	0	0	0	0	0
G-8	506 321	521 347	533 337	543 393	528 536
MERCOSUR	106 615	109 956	121 342	133 931	135 962
NAFTA	384 087	380 646	382 674	413 068	423 028
OECD	669 430	637 576	654 237	766 914	787 586
SADC	311 515	263 160	252 497	249 241	244 244



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

Gold					
Country	2007 kg	2008 kg	2009 kg	2010 kg	2011 kg
Algeria	236	647	998	723	341
Argentina	42 021	42 046	46 588	63 189	61 964
Armenia	565	600	682	1 033	2 147
Australia	247 000	215 000	223 000	260 000	258 000
Azerbaijan			353	2 092	1 775
Benin	19	20	20	20	20
Bolivia	8 818	8 405	7 217	6 394	6 487
Botswana	2 722	3 176	1 626	1 773	1 562
Brazil	49 613	54 666	60 330	62 047	65 209
Bulgaria	3 964	4 160	4 482	4 489	5 302
Burkina Faso	753	5 482	12 149	22 338	32 179
Burundi	2 423	2 168	980	293	1 052
Cameroon	600	600	600	600	600
Canada	102 377	96 501	97 235	102 693	100 379
Central African Rep.	13	37	61	60	60
Chile	41 527	39 162	40 834	39 494	45 137
China	270 490	275 285	313 980	340 880	360 960
Colombia	15 482	34 321	47 838	53 606	55 908
Congo, D.R.	5 100	3 300	3 500	3 500	3 500
Congo, Rep.	25	30	35	35	35
Costa Rica	1 221	154	205	200	500
Cote d'Ivoire	1 243	4 205	6 947	5 316	11 694
Dominican Republic		41	425	533	495
Ecuador	4 588	4 133	5 392	4 753	4 149
Egypt		0	0	4 675	6 305
Eritrea	87	32	30	30	11 788
Ethiopia	3 342	4 180	3 159	6 002	11 200
Fiji	29	700	1 091	1 903	1 572
Finland	4 261	4 148	5 749	7 628	8 461
French Guiana	2 844	1 941	1 250	1 250	1 140
Gabon	300	300	300	300	300
Georgia	3 100	3 100	3 100	3 100	3 100
Ghana	77 349	80 433	91 143	92 380	97 801
Greenland	1 835	1 648	0	0	104
Guatemala	7 067	7 505	8 550	9 213	11 898
Guinea	15 303	17 981	17 545	24 836	18 798
Guyana	7 412	8 123	9 492	9 592	11 292
Honduras	3 012	1 846	2 127	2 197	1 893
India	2 969	2 438	2 084	2 239	2 192
Indonesia	117 851	64 390	140 488	119 726	68 220
Iran	850	850	850	850	400
Japan	8 870	6 868	7 709	8 223	8 692
Kazakhstan	22 564	20 825	22 839	30 272	36 846
Kenya	3 023	343	1 135	2 035	2 100
Korea, South	162	175	274	235	209
Kyrgyzstan	10 572	18 132	17 130	18 464	18 940
Laos	6 262	5 810	5 463	5 106	3 403
Liberia	311	624	524	800	469
Madagascar	1	50	31	15	0
Malaysia	2 913	2 490	2 794	3 766	4 242
Mali	52 600	48 900	49 700	42 000	42 100





## 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	2 014	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	2 314	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	4 427	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
Uruguay	3 172	2 429	2 192	1 704	1 829
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	4 966	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)

Gold					
Rank 2011	Rank 2010	Country	Production 2011 kg	Share in %	Share cum. %
1	( 1)	China	360 960	13,77	13,77
2	( 2)	Australia	258 000	9,84	23,61
3	( 3)	United States	234 000	8,93	32,54
4	( 4)	South Africa	180 184	6,87	39,41
5	( 5)	Russia, Asia	172 295	6,57	45,99
6	( 6)	Peru	164 013	6,26	52,24
7	( 9)	Canada	100 379	3,83	56,07
8	( 8)	Ghana	97 801	3,73	59,80
9	(12)	Mexico	88 649	3,38	63,19
10	(10)	Uzbekistan	73 000	2,78	65,97
11	( 7)	Indonesia	68 220	2,60	68,57
12	(13)	Brazil	65 209	2,49	71,06
13	(11)	Papua New Guinea	62 271	2,38	73,44
14	(14)	Argentina	61 964	2,36	75,80
15	(15)	Colombia	55 908	2,13	77,93
16	(17)	Chile	45 137	1,72	79,66
17	(19)	Mali	42 100	1,61	81,26
18	(18)	Tanzania	40 390	1,54	82,80
19	(20)	Kazakhstan	36 846	1,41	84,21
20	(22)	Burkina Faso	32 179	1,23	85,44
21	(16)	Philippines	31 120	1,19	86,62
22	(24)	Turkey	25 000	0,95	87,58
23	(55)	Sudan	23 739	0,91	88,48
24	(23)	Kyrgyzstan	18 940	0,72	89,20
25	(21)	Guinea	18 798	0,72	89,92
26	(28)	Togo	16 469	0,63	90,55
27	(25)	Russia, Europe	12 968	0,49	91,05
28	(30)	Zimbabwe	12 949	0,49	91,54
29	(27)	Suriname	12 606	0,48	92,02
30	(31)	Guatemala	11 898	0,45	92,47
31	(91)	Eritrea	11 788	0,45	92,92
32	(26)	New Zealand	11 761	0,45	93,37
33	(39)	Cote d'Ivoire	11 694	0,45	93,82
34	(29)	Guyana	11 292	0,43	94,25
35	(43)	Ethiopia	11 200	0,43	94,68
36	(32)	Japan	8 692	0,33	95,01
37	(58)	Finland	8 461	0,32	95,33
38	(33)	Mauritania	8 199	0,31	95,64
39	(34)	Venezuela	6 960	0,27	95,91
40	(35)	Bolivia	6 487	0,25	96,16
41	(41)	Nicaragua	6 395	0,24	96,40
42	(52)	Egypt	6 305	0,24	96,64
43	(36)	Sweden	5 994	0,23	96,87
44	(37)	Mongolia	5 703	0,22	97,09
45	(46)	Bulgaria	5 302	0,20	97,29



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

Gold					
Rank 2011	Rank 2010	Country	Production 2011	Share in %	Share cum. %
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)	Armenia	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	(71)	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	202	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	(86)	Myanmar	100	0,00	99,99
90	(89)	Central African Rep.	60	0,00	100,00
91	(87)	Oman	40	0,00	100,00
92	(90)	Congo, Rep.	35	0,00	100,00
93	(92)	Benin	20	0,00	100,00
		Total	2 621 274	100,00	

