

Whitepaper

Responsible Minerals Report for Server Products

Fujitsu ensures responsible operations in its supply chain by following Responsible Minerals Initiative (RMI) and by using the Responsible Minerals Assurance Process (RMAP). The below report includes the Due Diligence process that explains how Fujitsu is managing, identifying and mitigating risks in its supply chain and how the smelters and refineries are audited by independent third parties. The report also contains a list of countries and smelters that are used to source tantalum, tin, tungsten, gold ("3TG") and cobalt materials used in the Fujitsu PRIMERGY server products.



Business Overview

Fujitsu is a Japanese multinational information and communications technology equipment and services company, established in 1935 and headquartered in Tokyo. Some of the materials we use to manufacture our server products contain tantalum, tin, tungsten, gold ("3TG") or cobalt.

Due Diligence Overview

Fujitsu purchases parts and components which include 3TG and cobalt in order to manufacture our products. Fujitsu is located downstream in supply chain and does not directly purchase the minerals from mines nor smelters. We, therefore, rely on the information provided by our first-tier suppliers to Fujitsu in identifying the source country of them. In investigating the source country of them we used Conflict Minerals Reporting Template (CMRT) and Extended Minerals Reporting Template (EMRT), which facilitates the collection of information on the source of Responsible Minerals. The CMRT and the EMRT are developed and shared by the Responsible Minerals Initiative (RMI), an industry group that works to address Responsible Minerals issues within supply chains. We also rely on information from the Responsible Minerals Assurance Process (RMAP), a voluntary initiative managed by the RMI, in which an independent third party validates the responsible minerals management procedures of a smelter or refiner to determine, with reasonable confidence, that the minerals it processes were sourced responsibly.

Due Diligence Design

The design of Fujitsu's due diligence measures is in conformity with the "OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas (third edition)" ("OECD Guidance"). Fujitsu has taken the steps described below in accordance with the five steps laid out in the OECD Guidance.

Step 1 – Establish Strong Management System

- Developed and formally announced Fujitsu Group Policy on Responsible Minerals Procurement (https://www.fujitsu.com/global/documents/about/csr/procurement/Fujitsu_Group_Policy_on_Responsible_Minerals_Sourcing_v01.pdf) , which states our goal to source Conflict Minerals responsibly.
- Maintained an internal team to implement Fujitsu Group Policy on Responsible Minerals Procurement, which includes members from the Procurement, Legal, and Sustainability Unit, and reported program activities to Executive Management.
- Updated processes and procedures as appropriate to meet the requirements of the Fujitsu Group Policy on Responsible Minerals Procurement.
- Maintained our record retention practice for records related to the sourcing of Responsible Minerals.

Step 2 – Identify and Assess Risks in the Supply Chain

- Conducted a supply chain survey of our direct suppliers of Responsible Minerals using the CMRT and the EMRT to identify the smelters, refiners and/or mines of origin of Responsible Minerals.

Step 3 - Design and Implement a Strategy to Respond Identified Risks

- Updated our annual risk management plan designed to mitigate the risk that our direct suppliers do not meet our expectations to achieve a conformant supply chain.

- Conducted training and communicated periodically with our direct suppliers to increase awareness of our goal to achieve a conflict free supply chain and to reduce the risk of inaccurate information received from our suppliers.

Step 4 – Carry Out Independent Third-Party Audits of Smelter/Refiner’s Due Diligence Practices

- Maintained our membership in the RMI, an industry group that has implemented the RMAP to carry out independent third party audits of a Smelter/Refiner’s Conflict Minerals Management Practices. As a member, we have relied on the results of the RMAP to provide smelter, refiner, and mineral sourcing information on the Responsible Minerals we used to produce server products.

Step 5 – Report Annually on Supply Chain Due Diligence

- This document reports the result of the supply chain due diligence we performed for our server products.

Due Diligence Results

The following tables list the population of smelters, refiners, and origin of Responsible Minerals within our supply chain for IA server “PRIMERGY” and optional parts such as CPU, DIMM, HDD, and PCI cards. The information presented is derived from information provided by our direct suppliers and the RMI as of Nov. 29, 2023.

Appendix A: Smelter or Refiner List

Metal	Smelter ID	Smelter Name	Country
Gold	CID000015	Advanced Chemical Company	UNITED STATES OF AMERICA
Gold	CID000019	Aida Chemical Industries Co., Ltd.	JAPAN
Gold	CID000035	Agosi AG	GERMANY
Gold	CID000041	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN
Gold	CID000058	AngloGold Ashanti Brazil	BRAZIL
Gold	CID000077	Argor-Heraeus S.A.	SWITZERLAND
Gold	CID000082	Amagasaki Factory, Hyogo Prefecture, Japan	JAPAN
Gold	CID000090	Asaka Riken Co., Ltd.	JAPAN
Gold	CID000103	ATAkulche	TURKEY
Gold	CID000113	Aurubis AG	GERMANY
Gold	CID000128	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES
Gold	CID000157	Boliden Ronnskar	SWEDEN

Gold	CID000176	C. Hafner GmbH + Co. KG	GERMANY
Gold	CID000185	CCR	CANADA
Gold	CID000189	Cendres + M?taux SA	SWITZERLAND
Gold	CID000197	CHALCO Yunnan Copper Co. Ltd.	CHINA
Gold	CID000233	Chimet S.p.A.	ITALY
Gold	CID000264	Chugai Mining	JAPAN
Gold	CID000343	Daye Non-Ferrous Metals Mining Ltd.	CHINA
Gold	CID000359	Do Sung Corporation	KOREA, REPUBLIC OF
Gold	CID000401	AKITA Seiren	JAPAN
Gold	CID000425	Eco-System Recycling Co., Ltd. East Plant	JAPAN
Gold	CID000493	FSE Novosibirsk Refinery	RUSSIAN FEDERATION
Gold	CID000522	Refinery of Seemine Gold Co., Ltd.	CHINA
Gold	CID000651	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA
Gold	CID000689	HeeSung Metal Ltd.	KOREA, REPUBLIC OF
Gold	CID000694	Heimerle + Meule GmbH	GERMANY
Gold	CID000707	Heraeus Ltd. Hong Kong	CHINA
Gold	CID000711	Heraeus Germany GmbH Co. KG	GERMANY
Gold	CID000767	Hunan Chenzhou Mining Co., Ltd.	CHINA
Gold	CID000773	Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.	CHINA
Gold	CID000801	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA
Gold	CID000807	Ishifuku Metal Industry Co., Ltd.	JAPAN
Gold	CID000814	Istanbul Gold Refinery	TURKEY
Gold	CID000823	Japan Mint	JAPAN
Gold	CID000855	JCC	CHINA
Gold	CID000920	Asahi Refining USA Inc.	UNITED STATES OF AMERICA
Gold	CID000924	Asahi Refining Canada Ltd.	CANADA
Gold	CID000927	Ekaterinburg	RUSSIAN FEDERATION
Gold	CID000929	JSC Uralelectromed	RUSSIAN FEDERATION
Gold	CID000937	JX Nippon Mining & Metals Co., Ltd.	JAPAN
Gold	CID000957	Kazzinc	KAZAKHSTAN

Gold	CID000969	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA
Gold	CID000981	Kojima Chemicals Co., Ltd.	JAPAN
Gold	CID001029	Kyrgyzaltyn JSC	KYRGYZSTAN
Gold	CID001078	LS-NIKKO Copper Inc.	KOREA, REPUBLIC OF
Gold	CID001113	Materion	UNITED STATES OF AMERICA
Gold	CID001119	Matsuda Sangyo Co., Ltd.	JAPAN
Gold	CID001147	Metalor Technologies (Suzhou) Ltd.	CHINA
Gold	CID001149	Metalor Technologies (Hong Kong) Ltd.	CHINA
Gold	CID001152	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
Gold	CID001153	Metalor Switzerland	SWITZERLAND
Gold	CID001157	Metalor USA Refining Corporation	UNITED STATES OF AMERICA
Gold	CID001161	Metalurgica Met-Mex Peoles, S.A. de C.V	MEXICO
Gold	CID001188	Mitsubishi Materials Corporation	JAPAN
Gold	CID001193	Mitsui Kinzoku Co., Ltd.	JAPAN
Gold	CID001204	Federal State Unitary Enterprise Moscow Special Processing Plant (FSUE MZSS)	RUSSIAN FEDERATION
Gold	CID001220	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY
Gold	CID001236	Navoi Mining and Metallurgical Combinat	UZBEKISTAN
Gold	CID001259	Nihon Material Co., Ltd.	JAPAN
Gold	CID001325	Ohura Precious Metal Industry Co., Ltd.	JAPAN
Gold	CID001326	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	RUSSIAN FEDERATION
Gold	CID001352	MKS PAMP SA	SWITZERLAND
Gold	CID001362	Penglai Penggang Gold Industry Co., Ltd.	CHINA
Gold	CID001386	Prioksky Plant of Non-Ferrous Metals	RUSSIAN FEDERATION
Gold	CID001397	PT Aneka Tambang (Persero) Tbk	INDONESIA
Gold	CID001498	PX Precinox S.A.	SWITZERLAND
Gold	CID001512	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
Gold	CID001534	Royal Canadian Mint	CANADA
Gold	CID001555	Samdok Metal	KOREA, REPUBLIC OF
Gold	CID001585	SEMPSA Joyeria Plateria S.A.	SPAIN
Gold	CID001622	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA

Gold	CID001736	Sichuan Tianze Precious Metals Co., Ltd.	CHINA
Gold	CID001756	Shyolkovsky	RUSSIAN FEDERATION
Gold	CID001761	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA
Gold	CID001798	MEM(Sumitomo Group)	JAPAN
Gold	CID001875	Shonan Plant Tanaka Kikinzoku	JAPAN
Gold	CID001909	Great Wall Precious Metals Co., LTD.	CHINA
Gold	CID001916	China's Shandong Gold Mining Co., Ltd	CHINA
Gold	CID001938	Tokuriki Honten Co., Ltd.	JAPAN
Gold	CID001947	Anhui Tongling Nonferrous Metal Mining Co., Ltd.	CHINA
Gold	CID001955	Torecom	KOREA, REPUBLIC OF
Gold	CID001980	Metallurgie Hoboken Overpelt	BELGIUM
Gold	CID001993	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA
Gold	CID002003	Valcambi S.A.	SWITZERLAND
Gold	CID002030	AGR (Perth Mint Australia)	AUSTRALIA
Gold	CID002100	Kochi daiichi Yamaminami plant	JAPAN
Gold	CID002129	Yokohama Metal Co., Ltd.	JAPAN
Gold	CID002224	China Henan Zhongyuan Gold Smelter	CHINA
Gold	CID002243	Fujian Zijin mining stock company gold smelter	CHINA
Gold	CID002290	SAFINA A.S.	CZECHIA
Gold	CID002314	Umicore Precious Metals Thailand	THAILAND
Gold	CID002459	Geib Refining Corporation	UNITED STATES OF AMERICA
Gold	CID002509	MMTC-PAMP India Pvt., Ltd.	INDIA
Gold	CID002511	KGHM Polska Miedz S.A.	POLAND
Gold	CID002516	Singway Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Gold	CID002560	Al Etihad Gold LLC	UNITED ARAB EMIRATES
Gold	CID002561	Emirates Gold DMCC	UNITED ARAB EMIRATES
Gold	CID002562	International Precious Metal Refiners	UNITED ARAB EMIRATES
Gold	CID002580	T.C.A S.p.A	ITALY

Gold	CID002582	Remondis Argentia B.V.	NETHERLANDS
Gold	CID002605	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF
Gold	CID002606	Marsam Metals	BRAZIL
Gold	CID002615	TOO Tau-Ken-Altyn	KAZAKHSTAN
Gold	CID002708	Abington Reldan Metals, LLC	UNITED STATES OF AMERICA
Gold	CID002761	SAAMP	FRANCE
Gold	CID002762	L'Orfebre S.A.	ANDORRA
Gold	CID002763	8853 S.p.A.	ITALY
Gold	CID002765	Italpreziosi	ITALY
Gold	CID002778	WIELAND Edelmetalle GmbH	GERMANY
Gold	CID002779	Ogussa Österreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA
Gold	CID002850	AU Traders and Refiners	SOUTH AFRICA
Gold	CID002852	GGC Gujrat Gold Centre Pvt. Ltd.	INDIA
Gold	CID002863	BALORE REFINERSGA	INDIA
Gold	CID002918	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF
Gold	CID002919	Planta Recuperadora de Metales SpA	CHILE
Gold	CID002973	Safimet S.p.A	ITALY
Gold	CID003189	NH Recytech Company	KOREA, REPUBLIC OF
Gold	CID003382	CGR Metalloys Pvt Ltd.	INDIA
Gold	CID003424	Eco-System Recycling Co., Ltd. North Plant	JAPAN
Gold	CID003425	Eco-System Recycling Co., Ltd. West Plant	JAPAN
Gold	CID003461	Augmont Enterprises Private Limited	INDIA
Gold	CID003500	Alexy Metals	UNITED STATES OF AMERICA
Gold	CID003575	Metal Concentrators SA (Pty) Ltd.	SOUTH AFRICA
Gold	CID003615	WEEEREFINING	FRANCE
Gold	CID002920	ABC Refinery Pty Ltd.	AUSTRALIA
Gold	CID003641	Gold by Gold Colombia	COLOMBIA
Tantalum	CID000460	F & X	CHINA
Tantalum	CID000616	Guangdong Zhiyuan New Material Co., Ltd.	CHINA
Tantalum	CID000914	Jiujiang JinXin Nonferrous Metals Co., Ltd.	CHINA

Tantalum	CID000917	Jiujiang Nonferrous Metals Smelting Company Limited	CHINA
Tantalum	CID001076	AMG Brasil	BRAZIL
Tantalum	CID001163	Metallurgical Products India Pvt. Ltd. (MPIL)	INDIA
Tantalum	CID001175	Mineracao Taboca S.A.	BRAZIL
Tantalum	CID001192	Mitsui Mining & Smelting	JAPAN
Tantalum	CID001200	Molycorp Silmet A.S.	ESTONIA
Tantalum	CID001277	Ningxia Non-Ferrous Metal Smeltery	CHINA
Tantalum	CID001508	QuantumClean	UNITED STATES OF AMERICA
Tantalum	CID001522	RFH	CHINA
Tantalum	CID001769	Solikamsk	RUSSIAN FEDERATION
Tantalum	CID001869	Taki Chemical Co., Ltd.	JAPAN
Tantalum	CID001891	Telex Metals	UNITED STATES OF AMERICA
Tantalum	CID001969	ULBA	KAZAKHSTAN
Tantalum	CID002492	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA
Tantalum	CID002504	D Block Metals, LLC	UNITED STATES OF AMERICA
Tantalum	CID002505	FIR Metals & Resource Ltd.	CHINA
Tantalum	CID002506	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	CID002512	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	CID002539	KEMET Blue Metals	MEXICO
Tantalum	CID002544	H.C. Starck Co., Ltd.	THAILAND
Tantalum	CID002545	H.C. Starck Tantalum and Niobium GmbH	GERMANY
Tantalum	CID002548	H.C. Starck Inc.	UNITED STATES OF AMERICA
Tantalum	CID002549	H.C. Starck Ltd.	JAPAN
Tantalum	CID002550	H.C. Starck Smelting GmbH & Co. KG	GERMANY
Tantalum	CID002557	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA
Tantalum	CID002558	Global Advanced Metals Aizu	JAPAN
Tantalum	CID002707	Resind Ind e Com Ltda.	BRAZIL
Tantalum	CID002842	Jiangxi Tuohong New Raw Material	CHINA

Tantalum	CID003583	RFH Yancheng JinYE New Material Technology Co., Ltd.	CHINA
Tin	CID000228	Chenzhou Yun Xiang mining limited liability company	CHINA
Tin	CID000292	Alent plc	UNITED STATES OF AMERICA
Tin	CID000309	CV Nurjanah	INDONESIA
Tin	CID000402	Dowa	JAPAN
Tin	CID000438	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)
Tin	CID000448	Estanho de Rondonia S.A.	BRAZIL
Tin	CID000468	Fenix Metals	POLAND
Tin	CID000538	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA
Tin	CID000555	Gejiu Zi-Li	CHINA
Tin	CID000942	Gejiu Kai Meng Industry and Trade LLC	CHINA
Tin	CID001070	China Tin (Hechi)	CHINA
Tin	CID001105	Hulterworth Smelter	MALAYSIA
Tin	CID001142	Metallic Resources, Inc.	UNITED STATES OF AMERICA
Tin	CID001173	Mineracao Taboca S.A.	BRAZIL
Tin	CID001182	Funsur Smelter	PERU
Tin	CID001191	Ikuno Tin Smelter	JAPAN
Tin	CID001231	Jiangxi Nanshan	CHINA
Tin	CID001305	Novosibirsk Processing Plant Ltd.	RUSSIAN FEDERATION
Tin	CID001314	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND
Tin	CID001337	OMSA	BOLIVIA (PLURINATIONAL STATE OF)
Tin	CID001402	PT Babel Inti Perkasa	INDONESIA
Tin	CID001406	PT Babel Surya Alam Lestari	INDONESIA
Tin	CID001428	Brand IMLI	INDONESIA
Tin	CID001453	PT Mitra Stania Prima	INDONESIA
Tin	CID001458	PT Prima Timah Utama	INDONESIA
Tin	CID001460	Brand RBT	INDONESIA

Tin	CID001463	PT Sariwiguna Binasentosa	INDONESIA
Tin	CID001468	PT Stanindo Inti Perkasa	INDONESIA
Tin	CID001477	Kundur Smelter	INDONESIA
Tin	CID001482	INDONESIAN STATE TIN CORPORATION MENTOK SMELTER	INDONESIA
Tin	CID001486	PT Timah Nusantara	INDONESIA
Tin	CID001490	PT Tinindo Inter Nusa	INDONESIA
Tin	CID001539	Rui Da Hung	TAIWAN, PROVINCE OF CHINA
Tin	CID001898	Thai Solder Industry Corp., Ltd.	THAILAND
Tin	CID001908	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA
Tin	CID002036	White Solder Metalurgia e Mineracao Ltda.	BRAZIL
Tin	CID002158	Chengfeng Metals Co Pte Ltd	CHINA
Tin	CID002180	China Yunnan Tin Co Ltd.	CHINA
Tin	CID002455	CV Venus Inti Perkasa	INDONESIA
Tin	CID002468	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL
Tin	CID002500	Melt Metais e Ligas S.A.	BRAZIL
Tin	CID002517	O.M. Manufacturing Philippines, Inc.	PHILIPPINES
Tin	CID002570	CV Ayi Jaya	INDONESIA
Tin	CID002593	CV Tiga Sekawan	INDONESIA
Tin	CID002696	PT Cipta Persada Mulia	INDONESIA
Tin	CID002706	Resind Ind e Com Ltda.	BRAZIL
Tin	CID002756	Super Ligas	BRAZIL
Tin	CID002773	Aurubis Beerse	BELGIUM
Tin	CID002774	Aurubis Berango	SPAIN
Tin	CID002816	PT Sukses Inti Makmur (SIM)	INDONESIA
Tin	CID002835	PT Menara Cipta Mulia	INDONESIA
Tin	CID002844	HuiChang Hill Tin Industry Co., Ltd.	CHINA
Tin	CID003116	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA
Tin	CID003190	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA
Tin	CID003205	PT Bangka Serumpun	INDONESIA
Tin	CID003208	Pongpipat Company Limited	MYANMAR
Tin	CID003325	Tin Technology & Refining	UNITED STATES OF AMERICA

Tin	CID003381	PT Rajawali Rimba Perkasa	INDONESIA
Tin	CID003387	Luna Smelter, Ltd.	RWANDA
Tin	CID003387	Luna Smelter, Ltd.	RWANDA
Tin	CID003397	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CHINA
Tin	CID003409	Precious Minerals and Smelting Limited	INDIA
Tin	CID003449	PT Mitra Sukses Globalindo	INDONESIA
Tin	CID003486	CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda	BRAZIL
Tin	CID003524	CRM Synergies	SPAIN
Tin	CID003582	Fabrica Auricchio	BRAZIL
Tin	CID003868	PT Putera Sarana Shakti (PT PSS)	INDONESIA
Tin	CID000313	CV Serumpun Sebalai	INDONESIA
Tin	CID001421	PT Belitung Industri Sejahtera	INDONESIA
Tin	CID001493	PT Tommy Utama	INDONESIA
Tungsten	CID000004	A.L.M.T. Corp.	JAPAN
Tungsten	CID000105	ATI Metalworking Products	UNITED STATES OF AMERICA
Tungsten	CID000218	Chaozhou Xianglu Tungsten Industry Co., Ltd.	CHINA
Tungsten	CID000258	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
Tungsten	CID000568	Global Tungsten & Powders LLC	UNITED STATES OF AMERICA
Tungsten	CID000766	Hunan Chenzhou Mining Co., Ltd.	CHINA
Tungsten	CID000769	Human Chun-Chang non-ferrous Smelting & Concentrating Co., Ltd.	CHINA
Tungsten	CID000825	Japan New Metals Co., Ltd.	JAPAN
Tungsten	CID000966	Kennametal Fallon	UNITED STATES OF AMERICA
Tungsten	CID002044	WBH	AUSTRIA
Tungsten	CID002082	Xiamen Tungsten Co., Ltd.	CHINA
Tungsten	CID002315	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA
Tungsten	CID002316	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA
Tungsten	CID002317	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA
Tungsten	CID002318	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA
Tungsten	CID002319	Malipo Haiyu Tungsten Co., Ltd.	CHINA

Tungsten	CID002320	Xiamen H.C.	CHINA
Tungsten	CID002321	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
Tungsten	CID002494	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA
Tungsten	CID002513	Chenzhou Diamond Tungsten Products Co., Ltd.	CHINA
Tungsten	CID002541	H.C. Starck Tungsten GmbH	GERMANY
Tungsten	CID002542	H.C. Starck Smelting GmbH & Co. KG	GERMANY
Tungsten	CID002543	Masan High-Tech Materials	VIET NAM
Tungsten	CID002551	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA
Tungsten	CID002589	Niagara Refining LLC	UNITED STATES OF AMERICA
Tungsten	CID002641	China Molybdenum Co., Ltd.	CHINA
Tungsten	CID002645	Ganzhou Haichuang Tungsten Co., Ltd.	CHINA
Tungsten	CID002649	Hydrometallurg, JSC	RUSSIAN FEDERATION
Tungsten	CID002724	Unecha Refractory metals plant	RUSSIAN FEDERATION
Tungsten	CID002827	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES
Tungsten	CID002833	ACL Metais Eireli	BRAZIL
Tungsten	CID002845	Moliren Ltd.	RUSSIAN FEDERATION
Tungsten	CID003407	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Tungsten	CID003408	JSC "Kirovgrad Hard Alloys Plant"	RUSSIAN FEDERATION
Tungsten	CID003416	NPP Tyazhmetprom LLC	RUSSIAN FEDERATION
Tungsten	CID003417	GEM Co., Ltd.	CHINA
Tungsten	CID003427	Albasteel Industria e Comercio de Ligas Para Fundicao Ltd.	BRAZIL
Tungsten	CID003468	Cronimet Brasil Ltda	BRAZIL
Tungsten	CID003609	Fujian Xinlu Tungsten	CHINA
Tungsten	CID003614	OOO "Technolom" 1	RUSSIAN FEDERATION
Tungsten	CID003612	OOO "Technolom" 2	RUSSIAN FEDERATION
Cobalt	CID003264	Chemaf Etoile	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	CID003481	Chizhou CN New Materials and Technology Co., Ltd.	CHINA
Cobalt	CID003280	Compagnie de Tifnout Tiranimine	MOROCCO
Cobalt	CID003473	CoreMax Corporation	TAIWAN, PROVINCE OF CHINA

Cobalt	CID003415	Cosmo Chemical, Ltd.	KOREA, REPUBLIC OF
Cobalt	CID003232	Dynatec Madagascar Company	MADAGASCAR
Cobalt	CID003469	Fairsky Industrial Co., Limited	CHINA
Cobalt	CID003227	Gangzhou Yi Hao Umicore Industry Co.	CHINA
Cobalt	CID003384	Ganzhou Highpower Technology Co., Ltd.	CHINA
Cobalt	CID003212	Ganzhou Tengyuan Cobalt New Material Co., Ltd.	CHINA
Cobalt	CID003209	Gem (Jiangsu) Cobalt Industry Co., Ltd.	CHINA
Cobalt	CID003403	Glencore Nikkelverk Refinery	NORWAY
Cobalt	CID003291	Guangdong Jiana Energy Technology Co., Ltd.	CHINA
Cobalt	CID003213	Guangxi Yinyi Advanced Material Co., Ltd.	CHINA
Cobalt	CID003219	Hunan Brunp Recycling Technology Co., Ltd.	CHINA
Cobalt	CID003411	Hunan CNGR New Energy Science & Technology Co., Ltd.	CHINA
Cobalt	CID003470	Hunan Jinxin New Material Holding Co., Ltd.	CHINA
Cobalt	CID003467	Hunan Shiji Yintian New Material Co., Ltd.	CHINA
Cobalt	CID003404	Hunan Yacheng New Materials Co., Ltd.	CHINA
Cobalt	CID003491	ICoNiChem	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
Cobalt	CID003293	Jiangsu Xiongfeng Technology Co., Ltd.	CHINA
Cobalt	CID003377	Jiangxi Jiangwu Cobalt Industrial Co., Ltd.	CHINA
Cobalt	CID003447	Jiangxi Rui da Xinnengyuan Technology Co., Ltd.	CHINA
Cobalt	CID003378	Jingmen GEM Co., Ltd.	CHINA
Cobalt	CID003233	JSC Kolskaya Mining and Metallurgical Company (Kola MMC)	RUSSIAN FEDERATION
Cobalt	CID003261	Kamoto Copper Company	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	CID003275	Kolwezi Tailings (KMT, aka Kingamyambo Musonoi Tailings)	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	CID003210	Lanzhou Jinchuan Advanced Materials Technology Co., Ltd.	CHINA
Cobalt	CID003537	Mechema Chemicals (Thailand) Co., Ltd.	THAILAND
Cobalt	CID003536	Mechema Chemicals shang-yu	CHINA
Cobalt	CID003535	Mechema Korea, Co., Ltd.	KOREA, REPUBLIC OF

Cobalt	CID003533	Mechema Taiwan Plant 1	TAIWAN, PROVINCE OF CHINA
Cobalt	CID003534	Mechema Taiwan Plant 2	TAIWAN, PROVINCE OF CHINA
Cobalt	CID003385	METAL MINES SARL	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	CID003279	Mine de Bou-Azzer	MOROCCO
Cobalt	CID003464	MKM - La Miniere de Kalumbwe Myunga	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	CID003406	Minara Resources Pty	AUSTRALIA
Cobalt	CID003252	Nanjing Hanrui Cobalt	CHINA
Cobalt	CID003221	Nantong Xinwei	CHINA
Cobalt	CID003398	New Era Group Zhejiang Zhongneng Cycle Technology Co., Ltd.	CHINA
Cobalt	CID003278	Niihama Nickel and Cobalt Facility	JAPAN
Cobalt	CID003465	Ningbo Hubang New Material Co., Ltd.	CHINA
Cobalt	CID003422	Ningbo Yanmen Chemical Co., Ltd.	CHINA
Cobalt	CID003390	NORILSK NICKEL HARJAVALTA OY	FINLAND
Cobalt	CID003239	Port Colborne Refinery	CANADA
Cobalt	CID003538	PT Mechema Indonesia	INDONESIA
Cobalt	CID003255	Quzhou Huayou Cobalt New Material Co., Ltd.	CHINA
Cobalt	CID003442	Ruashi	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	CID003426	SOCIETE MINIERE DU KATANGA (SOMIKA SARL)	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	CID003266	Societe pour le Traitement du Terril de Lubumbashi (STL)	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	CID003338	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF
Cobalt	CID003429	Tenke Fungrume Mining (TFM)	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	CID003215	Maolian	CHINA
Cobalt	CID003226	Freeport Kokkola	FINLAND
Cobalt	CID003228	Umicore Olen	BELGIUM
Cobalt	CID003584	Vale – Long Harbour Processing Plant (LHPP)	CANADA
Cobalt	CID003466	Xiangtan Huacheng Nickel Cobalt New Material Co., Ltd.	CHINA

Cobalt	CID003376	XTC New Energy Materials (Xiamen) LTD.	CHINA
Cobalt	CID003225	Zhejiang Huayou Cobalt Co., Ltd.	CHINA
Cobalt	CID003526	Zhejiang Greatpower Cobalt Materials Co., Ltd.	CHINA
Cobalt	CID003211	Zhuhai Kelixin Metal Materials Co., Ltd.	CHINA
Cobalt	CID003927	Anhui Hanrui New Material Co., Ltd.	CHINA
Cobalt	CID003610	Guizhou CNGR Resource Recycling Industry Development Co., Ltd.	CHINA
Cobalt	CID003577	Harima Refinery	JAPAN
Cobalt	CID003242	Fort Saskatchewan Metals Facility	CANADA
Cobalt	CID003303	Vale New Caledonia	NEW CALEDONIA
Cobalt	CID003571	Hefei Rongjie Metal Technology Co., Ltd.	CHINA
Cobalt	CID003640	W&Q Metal Products Co., Limited	CHINA
Cobalt	CID003704	LLC Vostok	RUSSIAN FEDERATION
Cobalt	CID003803	Vital Materials Workshop	CHINA

Contact

FUJITSU LIMITED

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