



Smelter and refiner list

Sky is an end user and customer, via component producers and final product assembly in our supply chain, of metals such as tantalum, tin, tungsten and gold which may be sourced from conflict-affected and high-risk areas. Our approach to responsible sourcing of these minerals is set out in our [Conflict Minerals Policy](#). We report annually on our progress in [Sky's Impact Report](#).

This list contains smelters and refiners which processed tantalum, tin, tungsten or gold in our Sky-branded product supply chain as at December 31, 2020. For more details, as well as the most current status of each smelter or refiner, visit the [Responsible Minerals Assurance Process \(RMAP\) website](#).

Metal	Smelter Name	Country
Gold	8853 S.p.A.	Italy
Gold	Abington Reldan Metals, LLC**	United States of America
Gold	Advanced Chemical Company	United States of America
Gold	African Gold Refinery*	Uganda
Gold	Aida Chemical Industries Co., Ltd.	Japan
Gold	Al Etihad Gold Refinery DMCC	United Arab Emirates
Gold	Allgemeine Gold-und Silberscheideanstalt A.G.	Germany
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	Uzbekistan
Gold	AngloGold Ashanti Corrego do Sitio Mineracao	Brazil
Gold	Argor-Heraeus S.A.	Switzerland
Gold	Asahi Pretec Corp.	Japan
Gold	Asahi Refining Canada Ltd.	Canada
Gold	Asahi Refining USA Inc.	United States of America
Gold	Asaka Riken Co., Ltd.	Japan
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.*	Turkey
Gold	AU Traders and Refiners	South Africa
Gold	Augmont Enterprises Private Limited**	India
Gold	Aurubis AG	Germany
Gold	Bangalore Refinery	India
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	Philippines
Gold	Boliden AB	Sweden
Gold	C. Hafner GmbH + Co. KG	Germany
Gold	C.I Metales Procesados Industriales SAS**	Colombia
Gold	Caridad*	Mexico
Gold	CCR Refinery - Glencore Canada Corporation	Canada
Gold	Cendres + Metaux S.A.	Switzerland
Gold	CGR Metalloys Pvt Ltd.*	India
Gold	Chimet S.p.A.	Italy
Gold	Chugai Mining	Japan
Gold	Daejin Indus Co., Ltd.*	Korea, Republic Of
Gold	Daye Non-Ferrous Metals Mining Ltd.*	China
Gold	Degussa Sonne / Mond Goldhandel GmbH*	Germany
Gold	Dijllah Gold Refinery FZC*	United Arab Emirates
Gold	DODUCO Contacts and Refining GmbH	Germany

Metal	Smelter Name	Country
Gold	Dowa	Japan
Gold	DS PRETECH Co., Ltd.	Korea, Republic Of
Gold	DSC (Do Sung Corporation)	Korea, Republic Of
Gold	Eco-System Recycling Co., Ltd.	Japan
Gold	Eco-System Recycling Co., Ltd. North Plant	Japan
Gold	Eco-System Recycling Co., Ltd. West Plant	Japan
Gold	Emirates Gold DMCC	United Arab Emirates
Gold	Fidelity Printers and Refiners Ltd.*	Zimbabwe
Gold	Fujairah Gold FZC*	United Arab Emirates
Gold	GCC Gujrat Gold Centre Pvt. Ltd.*	India
Gold	Geib Refining Corporation	United States of America
Gold	Gold Coast Refinery*	Ghana
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	China
Gold	Great Wall Precious Metals Co., Ltd. of CBPM*	China
Gold	Guangdong Jinding Gold Limited*	China
Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.*	China
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.*	China
Gold	HeeSung Metal Ltd.	Korea, Republic Of
Gold	Heimerle + Meule GmbH	Germany
Gold	Heraeus Metals Hong Kong Ltd.	China
Gold	Heraeus Precious Metals GmbH & Co. KG**	Germany
Gold	Hunan Chenzhou Mining Co., Ltd.*	China
Gold	Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.*	China
Gold	HwaSeong CJ CO., LTD.*	Korea, Republic Of
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	China
Gold	International Precious Metal Refiners**	United Arab Emirates
Gold	Ishifuku Metal Industry Co., Ltd.	Japan
Gold	Istanbul Gold Refinery	Turkey
Gold	Italpreziosi	Italy
Gold	JALAN & Company*	India
Gold	Japan Mint	Japan
Gold	Jiangxi Copper Co., Ltd.	China
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant*	Russian Federation
Gold	JSC Uralelectromed	Russian Federation
Gold	JX Nippon Mining & Metals Co., Ltd.	Japan
Gold	Kaloti Precious Metals*	United Arab Emirates
Gold	Kazakhmys Smelting LLC*	Kazakhstan
Gold	Kazzinc	Kazakhstan
Gold	Kennecott Utah Copper LLC	United States of America
Gold	KGHM Polska Miedz Spolka Akcyjna	Poland
Gold	Kojima Chemicals Co., Ltd.	Japan
Gold	Korea Zinc Co., Ltd.	Korea, Republic Of
Gold	Kundan Care Products Ltd.*	India
Gold	Kyrgyzaltyn JSC	Kyrgyzstan
Gold	Kyshtym Copper-Electrolytic Plant ZAO*	Russian Federation
Gold	L'azurde Company For Jewelry*	Saudi Arabia
Gold	Lingbao Gold Co., Ltd.*	China
Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.*	China

Metal	Smelter Name	Country
Gold	L'Orfebre S.A.	Andorra
Gold	LS-NIKKO Copper Inc.	Korea, Republic Of
Gold	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.*	China
Gold	Marsam Metals	Brazil
Gold	Materion	United States of America
Gold	Matsuda Sangyo Co., Ltd.	Japan
Gold	Metalor Technologies (Hong Kong) Ltd.	China
Gold	Metalor Technologies (Singapore) Pte., Ltd.	Singapore
Gold	Metalor Technologies (Suzhou) Ltd.	China
Gold	Metalor Technologies S.A.	Switzerland
Gold	Metalor USA Refining Corporation	United States of America
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	Mexico
Gold	Mitsubishi Materials Corporation	Japan
Gold	Mitsui Mining and Smelting Co., Ltd.	Japan
Gold	MMTC-PAMP India Pvt., Ltd.	India
Gold	Modeltech Sdn Bhd*	Malaysia
Gold	Morris and Watson*	New Zealand
Gold	Morris and Watson Gold Coast*	Australia
Gold	Moscow Special Alloys Processing Plant	Russian Federation
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	Turkey
Gold	Navoi Mining and Metallurgical Combinat	Uzbekistan
Gold	NH Recytech Company*	Korea, Republic Of
Gold	Nihon Material Co., Ltd.	Japan
Gold	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	Austria
Gold	Ohura Precious Metal Industry Co., Ltd.	Japan
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	Russian Federation
Gold	OJSC Novosibirsk Refinery	Russian Federation
Gold	PAMP S.A.	Switzerland
Gold	Pease & Curren*	United States of America
Gold	Penglai Penggang Gold Industry Co., Ltd.*	China
Gold	Planta Recuperadora de Metales SpA	Chile
Gold	Prioksky Plant of Non-Ferrous Metals	Russian Federation
Gold	PT Aneka Tambang (Persero) Tbk	Indonesia
Gold	PX Precinox S.A.	Switzerland
Gold	QG Refining, LLC*	United States of America
Gold	Rand Refinery (Pty) Ltd.	South Africa
Gold	Refinery of Seemine Gold Co., Ltd.*	China
Gold	REMONDIS PMR B.V.	Netherlands
Gold	Republic Metals Corporation*	United States of America
Gold	Royal Canadian Mint	Canada
Gold	SAAMP	France
Gold	Sabin Metal Corp.*	United States of America
Gold	Safimet S.p.A	Italy
Gold	SAFINA A.S.	
Gold	Sai Refinery*	India
Gold	Samduck Precious Metals	Korea, Republic Of
Gold	Samwon Metals Corp.*	Korea, Republic Of

Metal	Smelter Name	Country
Gold	SAXONIA Edelmetalle GmbH	Germany
Gold	SEMPSA Joyeria Plateria S.A.	Spain
Gold	Shandong Humon Smelting Co., Ltd.*	China
Gold	Shandong Tiancheng Biological Gold Industrial Co., Ltd.*	China
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	China
Gold	Shenzhen Zhonghenglong Real Industry Co., Ltd.*	China
Gold	Shirpur Gold Refinery Ltd.*	India
Gold	Sichuan Tianze Precious Metals Co., Ltd.	China
Gold	Singway Technology Co., Ltd.	Taiwan, Province Of China
Gold	SOE Shyolkovsky Factory of Secondary Precious Metals	Russian Federation
Gold	Solar Applied Materials Technology Corp.	Taiwan, Province Of China
Gold	Sovereign Metals*	India
Gold	State Research Institute Center for Physical Sciences and Technology*	Lithuania
Gold	Sudan Gold Refinery*	Sudan
Gold	Sumitomo Metal Mining Co., Ltd.	Japan
Gold	SungEel HiMetal Co., Ltd.	Korea, Republic Of
Gold	T.C.A S.p.A	Italy
Gold	Tanaka Kikinzoku Kogyo K.K.	Japan
Gold	The Refinery of Shandong Gold Mining Co., Ltd.	China
Gold	Tokuriki Honten Co., Ltd.	Japan
Gold	Tongling Nonferrous Metals Group Co., Ltd.*	China
Gold	Tony Goetz NV*	Belgium
Gold	TOO Tau-Ken-Altyn	Kazakhstan
Gold	Torecom	Korea, Republic Of
Gold	Umicore Brasil Ltda.*	Brazil
Gold	Umicore Precious Metals Thailand	Thailand
Gold	Umicore S.A. Business Unit Precious Metals Refining	Belgium
Gold	United Precious Metal Refining, Inc.	United States of America
Gold	Universal Precious Metals Refining Zambia*	Zambia
Gold	Valcambi S.A.	Switzerland
Gold	Western Australian Mint (T/a The Perth Mint)	Australia
Gold	WIELAND Edelmetalle GmbH	Germany
Gold	Yamakin Co., Ltd.	Japan
Gold	Yokohama Metal Co., Ltd.	Japan
Gold	Yunnan Copper Industry Co., Ltd.*	China
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	China
Tantalum	Asaka Riken Co., Ltd.	Japan
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	China
Tantalum	CP Metals Inc.*	United States of America
Tantalum	D Block Metals, LLC	United States of America
Tantalum	Exotech Inc.	United States of America
Tantalum	F&X Electro-Materials Ltd.	China
Tantalum	FIR Metals & Resource Ltd.	China
Tantalum	Global Advanced Metals Aizu	Japan
Tantalum	Global Advanced Metals Boyertown	United States of America
Tantalum	Guangdong Rising Rare Metals-EO Materials Ltd.	China
Tantalum	Guangdong Zhiyuan New Material Co., Ltd.	China
Tantalum	H.C. Starck Co., Ltd.	Thailand

Metal	Smelter Name	Country
Tantalum	H.C. Starck Hermsdorf GmbH	Germany
Tantalum	H.C. Starck Inc.	United States of America
Tantalum	H.C. Starck Ltd.	Japan
Tantalum	H.C. Starck Smelting GmbH & Co. KG	Germany
Tantalum	H.C. Starck Tantalum and Niobium GmbH	Germany
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	China
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	China
Tantalum	Jiangxi Tuohong New Raw Material	China
Tantalum	Jiujiang Janny New Material Co., Ltd.*	China
Tantalum	Jiujiang JinXin Nonferrous Metals Co., Ltd.	China
Tantalum	Jiujiang Tanbre Co., Ltd.	China
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	China
Tantalum	KEMET Blue Metals	Mexico
Tantalum	KEMET Blue Powder*	United States of America
Tantalum	LSM Brasil S.A.	Brazil
Tantalum	Metallurgical Products India Pvt., Ltd.	India
Tantalum	Mineracao Taboca S.A.	Brazil
Tantalum	Mitsui Mining and Smelting Co., Ltd.	Japan
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	China
Tantalum	NPM Silmet AS	Estonia
Tantalum	Power Resources Ltd.	Macedonia, The Former Yugoslav Republic Of
Tantalum	QuantumClean	United States of America
Tantalum	Resind Industria e Comercio Ltda.	Brazil
Tantalum	RFH Tantalum Smeltery Co., Ltd./Yanling Jincheng Tantalum & Niobium Co., Ltd.	China
Tantalum	Solikamsk Magnesium Works OAO	Russian Federation
Tantalum	Taki Chemical Co., Ltd.	Japan
Tantalum	Telex Metals	United States of America
Tantalum	Ulba Metallurgical Plant JSC	Kazakhstan
Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	China
Tin	Alpha	United States of America
Tin	An Vinh Joint Stock Mineral Processing Company*	Vietnam
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	China
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	China
Tin	China Tin Group Co., Ltd.	China
Tin	CNMC (Guangxi) PGMA Co., Ltd.*	China
Tin	CV Ayi Jaya**	Indonesia
Tin	CV Dua Sekawan*	Indonesia
Tin	CV Gita Pesona*	Indonesia
Tin	CV United Smelting*	Indonesia
Tin	CV Venus Inti Perkasa**	Indonesia
Tin	Dongguan CiEXPO Environmental Engineering Co., Ltd.*	China
Tin	Dowa	Japan
Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company*	Vietnam
Tin	EM Vinto	Bolivia
Tin	Estanho de Rondonia S.A.**	Brazil

Metal	Smelter Name	Country
Tin	Fenix Metals	Poland
Tin	Gejiu City Fuxiang Industry and Trade Co., Ltd.**	China
Tin	Gejiu Fengming Metallurgy Chemical Plant	China
Tin	Gejiu Kai Meng Industry and Trade LLC	China
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	China
Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	China
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	China
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	China
Tin	Guanyang Guida Nonferrous Metal Smelting Plant	China
Tin	HuiChang Hill Tin Industry Co., Ltd.	China
Tin	Huichang Jinshunda Tin Co., Ltd.	China
Tin	Jiangxi Ketai Advanced Material Co., Ltd.*	China
Tin	Jiangxi New Nanshan Technology Ltd.	China
Tin	Luna Smelter, Ltd.	Rwanda
Tin	Ma'anshan Weitai Tin Co., Ltd.	China
Tin	Magnu's Minerais Metais e Ligas Ltda.	Brazil
Tin	Malaysia Smelting Corporation (MSC)	Malaysia
Tin	Melt Metais e Ligas S.A.	Brazil
Tin	Metallic Resources, Inc.	United States of America
Tin	Metallo Belgium N.V.	Belgium
Tin	Metallo Spain S.L.U.	Spain
Tin	Mineracao Taboca S.A.	Brazil
Tin	Minsur	Peru
Tin	Mitsubishi Materials Corporation	Japan
Tin	Modeltech Sdn Bhd*	Malaysia
Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company*	Vietnam
Tin	Novosibirsk Processing Plant Ltd.**	Russian Federation
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	Thailand
Tin	O.M. Manufacturing Philippines, Inc.	Philippines
Tin	Operaciones Metalurgicas S.A.	Bolivia
Tin	Pongpipat Company Limited*	Myanmar
Tin	Precious Minerals and Smelting Limited*	India
Tin	PT Aries Kencana Sejahtera**	Indonesia
Tin	PT Artha Cipta Langgeng	Indonesia
Tin	PT ATD Makmur Mandiri Jaya	Indonesia
Tin	PT Babel Inti Perkasa	Indonesia
Tin	PT Babel Surya Alam Lestari	Indonesia
Tin	PT Bangka Prima Tin*	Indonesia
Tin	PT Bangka Serumpun	Indonesia
Tin	PT Bangka Tin Industry*	Indonesia
Tin	PT Belitung Industri Sejahtera*	Indonesia
Tin	PT Bukit Timah**	Indonesia
Tin	PT DS Jaya Abadi*	Indonesia
Tin	PT Eunindo Usaha Mandiri*	Indonesia
Tin	PT Inti Stania Prima*	Indonesia
Tin	PT Karimun Mining*	Indonesia
Tin	PT Kijang Jaya Mandiri*	Indonesia
Tin	PT Lautan Harmonis Sejahtera**	Indonesia

Metal	Smelter Name	Country
Tin	PT Menara Cipta Mulia	Indonesia
Tin	PT Mitra Stania Prima	Indonesia
Tin	PT Mitra Sukses Globalindo*	Indonesia
Tin	PT Panca Mega Persada*	Indonesia
Tin	PT Premium Tin Indonesia*	Indonesia
Tin	PT Prima Timah Utama	Indonesia
Tin	PT Rajawali Rimba Perkasa	Indonesia
Tin	PT Rajehan Ariq	Indonesia
Tin	PT Refined Bangka Tin	Indonesia
Tin	PT Sariwiguna Binasentosa*	Indonesia
Tin	PT Stanindo Inti Perkasa	Indonesia
Tin	PT Sukses Inti Makmur**	Indonesia
Tin	PT Sumber Jaya Indah*	Indonesia
Tin	PT Timah Tbk Kundur	Indonesia
Tin	PT Timah Tbk Mentok	Indonesia
Tin	PT Tinindo Inter Nusa	Indonesia
Tin	PT Tirus Putra Mandiri*	Indonesia
Tin	PT Tommy Utama*	Indonesia
Tin	Resind Industria e Comercio Ltda.	Brazil
Tin	Rui Da Hung	Taiwan, Province Of China
Tin	Soft Metais Ltda.	Brazil
Tin	Super Ligas**	Brazil
Tin	Thai Nguyen Mining and Metallurgy Co., Ltd.	Vietnam
Tin	Thaisarco	Thailand
Tin	Tin Technology & Refining	United States of America
Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company*	Vietnam
Tin	White Solder Metalurgia e Mineracao Ltda.	Brazil
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	China
Tin	Yunnan Tin Company Limited	China
Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	China
Tungsten	A.L.M.T. Corp.	Japan
Tungsten	ACL Metais Eireli	Brazil
Tungsten	Albasteel Industria e Comercio de Ligas Para Fundicao Ltda.**	Brazil
Tungsten	Asia Tungsten Products Vietnam Ltd.	Vietnam
Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.	China
Tungsten	China Molybdenum Co., Ltd.	China
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	China
Tungsten	CNMC (Guangxi) PGMA Co., Ltd.*	China
Tungsten	CP Metals Inc.*	United States of America
Tungsten	Fujian Ganmin RareMetal Co., Ltd.	China
Tungsten	Fujian Jinxin Tungsten Co., Ltd.***	China
Tungsten	Ganzhou Haichuang Tungsten Co., Ltd.	China
Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	China
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	China
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	China
Tungsten	Ganzhou Yatai Tungsten Co., Ltd.*	China
Tungsten	GEM Co., Ltd.**	China
Tungsten	Global Tungsten & Powders Corp.	United States of America

Metal	Smelter Name	Country
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	China
Tungsten	H.C. Starck Smelting GmbH & Co. KG	Germany
Tungsten	H.C. Starck Tungsten GmbH	Germany
Tungsten	Hunan Chenzhou Mining Co., Ltd.	China
Tungsten	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	China
Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	China
Tungsten	Hunan Litian Tungsten Industry Co., Ltd.	China
Tungsten	Hydrometallurg, JSC	Russian Federation
Tungsten	Japan New Metals Co., Ltd.	Japan
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	China
Tungsten	Jiangxi Dayu Longxintai Tungsten Co., Ltd.*	China
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	China
Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.*	China
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	China
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	China
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	China
Tungsten	JSC "Kirovgrad Hard Alloys Plant"***	Russian Federation
Tungsten	Kennametal Fallon	United States of America
Tungsten	Kennametal Huntsville	United States of America
Tungsten	KGETS Co., Ltd.	Korea, Republic Of
Tungsten	Lianyou Metals Co., Ltd.	Taiwan, Province Of China
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	China
Tungsten	Masan Tungsten Chemical LLC (MTC)	Vietnam
Tungsten	Moliren Ltd.	Russian Federation
Tungsten	Niagara Refining LLC	United States of America
Tungsten	NPP Tyazhmetprom LLC**	Russian Federation
Tungsten	Philippine Chuangxin Industrial Co., Inc.	Philippines
Tungsten	South-East Nonferrous Metal Company Limited of Hengyang City*	China
Tungsten	Tejing (Vietnam) Tungsten Co., Ltd.	Vietnam
Tungsten	Unecha Refractory metals plant	Russian Federation
Tungsten	Vietnam Youngsun Tungsten Industry Co., Ltd.*	Vietnam
Tungsten	Wolfram Bergbau und Hutten AG	Austria
Tungsten	Woltech Korea Co., Ltd.	Korea, Republic Of
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	China
Tungsten	Xiamen Tungsten Co., Ltd.	China
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	China
Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.*	China

* Further outreach is required

** Committed to undergo an RMAP assessment, completed the relevant documents and scheduled the on-site assessment

*** No longer operational