

2025 年度 HKC 显示面板 负责任矿产调查报告

1、概述

惠科（HKC）一直致力于成为受人尊敬的显示方案综合服务商，以人为本，积极承担环境和社会责任。惠科拒绝任何可能加剧冲突、侵犯人权或破坏环境的矿产进入我们的供应链。惠科承诺，惠科使用的所有原材料，包括 LCD 面板中的关键金属，均不来源于冲突地区，特别是那些被非法武装团体控制的矿区。惠科要求所有供应商遵守这一原则，并提供完整的供应链透明度，确保每一颗矿石的来源都是合法、道德的。

惠科支持并积极参与国际社会，包括联合国、经济合作与发展组织（OECD）以及负责任矿产倡议（RMI）等机构的可持续发展工作，推动建立更加公正、透明的全球矿产供应链。惠科承诺，将持续改进我们的供应链管理，采用最新的技术手段和尽职调查方法，确保我们的 LCD 面板产品不仅技术领先，而且在道德和社会责任方面同样卓越。

为体现惠科在负责任矿产管理的承诺，我司在官网正式发布了《惠科负责任原材料采购的政策》，可访问以下网址查阅：

<https://www.szhk.com.cn/development.html>

2、适用范围

本次调查主要针对 HKC 面板 BG 生产的 LCD 显示器件产品，全面覆盖锡、钽、钨、金、云母、钴、铜、石墨、锂、镍十种矿产，向所有利益相关方公开披露尽职调查过程与结果。

3、定义与特征

3.1 **冲突矿产**：在刚果（金）及其周边国家，锡、钽、钨、金（统称“3TG”冲突矿产）、钴及其他稀土元素的开采已引发严重的人权与环境问题。这些地区的大多数采矿活动与武装团体相关联（为其提供资金来源），导致当地长期动荡不安。

3.2 **CMRT**: Conflict Minerals Reporting Template（冲突矿产报告模板）

3.3 **EMRT**: Extended Minerals Reporting Template（扩展矿物报告模板，主要包含扩展调查物质：云母、钴、铜、石墨、锂、镍）

3.4 **3TG**：锡、钽、钨、金

3.5 **RMI**：负责任矿产倡议

4、尽职调查流程



为确保我司供应链中产品不是来自冲突地区，HKC 要求所有合格供应商签订“不使用冲突矿产承诺书”，同时我们每年使用 CMRT 和 EMRT 模板对供应链进行核查，该模板是识别原料冶炼厂和精炼厂的主要手段，同时评估与负责任矿产和扩展矿物相关的风险。

本报告将每年持续更新，可在惠科官网可持续发展板块查询：

<https://www.szhk.com.cn/development.html>

5、负责任矿产调查结论

调查数	回收数	回收率	矿坑总数
206	206	100%	291



矿坑类别	总数	合格矿坑数	合格率
金	80	80	100%
钽	30	30	100%
钨	31	31	100%
锡	40	40	100%
云母	7	7	100%
钴	48	48	100%
铜	27	27	100%
镍	23	23	100%
石墨	0	/	/
锂	0	/	/

2025 年负责任矿产调查共历时 3 个月，供应商 CMRT 和 EMRT 报告回复率 100%，经调查，LCD 显示器件产品所用的负责任矿产和扩展矿物，来自 291

家冶炼厂，截止 2025 年 7 月 31 日，以上 291 家冶炼厂全部符合 RMI 合格冶炼厂要求。

附件 1：HKC 显示器产品负责任矿产冶炼厂清单（2025 年）

Metal	Smelter	Location
Tungsten	A.L.M.T. Corp.	JAPAN
Gold	Aida Chemical Industries Co., Ltd.	JAPAN
Gold	Agosi AG	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 METALFINE, Inc.	JAPAN
Gold	Asaka Riken Co., Ltd.	JAPAN
Tungsten	Kennametal Huntsville	UNITED STATES OF AMERICA
Gold	Aurubis AG	GERMANY
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES
Gold	Boliden Ronnskar	SWEDEN
Gold	C. Hafner GmbH + Co. KG	GERMANY
Gold	CCR Refinery - Glencore Canada Corporation	CANADA
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA
Gold	Chimet S.p.A.	ITALY
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
Gold	Chugai Mining	JAPAN
Tin	Alpha Assembly Solutions Inc	UNITED STATES OF AMERICA
Gold	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF
Gold	Dowa	JAPAN
Tin	Dowa	JAPAN
Gold	Eco-System Recycling Co., Ltd. East Plant	JAPAN
Tin	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)
Tin	Estanho de Rondonia S.A.	BRAZIL
Tantalum	F&X Electro-Materials Ltd.	CHINA
Tin	Fenix Metals	POLAND
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA
Tungsten	Global Tungsten & Powders LLC	UNITED STATES OF AMERICA
Tantalum	XIMEI RESOURCES (GUANGDONG) LIMITED	CHINA
Gold	LT Metal Ltd.	KOREA, REPUBLIC OF
Gold	Heimerle + Meule GmbH	GERMANY
Gold	Heraeus Metals Hong Kong Ltd.	CHINA

Gold	Heraeus Germany GmbH Co. KG	GERMANY
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA
Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN
Gold	Istanbul Gold Refinery	TURKEY
Gold	Japan Mint	JAPAN
Tungsten	Japan New Metals Co., Ltd.	JAPAN
Gold	Jiangxi Copper Co., Ltd.	CHINA
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA
Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA
Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA
Gold	Asahi Refining Canada Ltd.	CANADA
Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN
Gold	Kazzinc	KAZAKHSTAN
Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA
Gold	Kojima Chemicals Co., Ltd.	JAPAN
Tin	China Tin Group Co., Ltd.	CHINA
Tantalum	AMG Brasil	BRAZIL
Gold	LS MnM Inc.	KOREA, REPUBLIC OF
Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA
Gold	Materion	UNITED STATES OF AMERICA
Gold	Matsuda Sangyo Co., Ltd.	JAPAN
Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA
Gold	Metalor Technologies (Suzhou) Ltd.	CHINA
Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA
Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
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
Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA
Tin	Mineracao Taboca S.A.	BRAZIL
Tantalum	Mineracao Taboca S.A.	BRAZIL
Tin	Minsur	PERU
Gold	Mitsubishi Materials Corporation	JAPAN
Tin	Mitsubishi Materials Corporation	JAPAN
Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Tantalum	NPM Silmet AS	ESTONIA
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN
Gold	Nihon Material Co., Ltd.	JAPAN
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND

Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN
Tin	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)
Gold	MKS PAMP SA	SWITZERLAND
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA
Tin	PT Mitra Stania Prima	INDONESIA
Tin	PT Timah Tbk Kundur	INDONESIA
Tin	PT Timah Tbk Mentok	INDONESIA
Gold	PX Precinox S.A.	SWITZERLAND
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA
Gold	Royal Canadian Mint	CANADA
Tin	Rui Da Hung	TAIWAN, PROVINCE OF CHINA
Gold	SEMPA Joyeria Plateria S.A.	SPAIN
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA
Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA
Gold	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA
Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN
Tantalum	Taki Chemical Co., Ltd.	JAPAN
Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN
Tantalum	Telex Metals	UNITED STATES OF AMERICA
Tin	Thaisarco	THAILAND
Gold	Shandong Gold Smelting Co., Ltd.	CHINA
Gold	Tokuriki Honten Co., Ltd.	JAPAN
Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN
Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM
Gold	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA
Gold	Valcambi S.A.	SWITZERLAND
Gold	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA
Tin	White Solder Metalurgia e Mineracao Ltda.	BRAZIL
Tungsten	Wolfram Bergbau und Hutten AG	AUSTRIA
Tungsten	Xiamen Tungsten Co., Ltd.	CHINA
Gold	Yamakin Co., Ltd.	JAPAN
Gold	Yokohama Metal Co., Ltd.	JAPAN
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA
Tin	Tin Smelting Branch of Yunnan Tin Co., Ltd.	CHINA
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA

Gold	SAFINA A.S.	CZECHIA
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
Tin	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA
Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM
Tin	PT ATD Makmur Mandiri Jaya	INDONESIA
Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA
Tantalum	FIR Metals & Resource Ltd.	CHINA
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA
Gold	MMTC-PAMP India Pvt., Ltd.	INDIA
Gold	KGHM Polska Miedz Spolka Akcyjna	POLAND
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA
Tungsten	Hunan Shizhuyuan Nonferrous Metals Co., Ltd. Chenzhou Tungsten Products Branch	CHINA
Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES
Tantalum	KEMET de Mexico	MEXICO
Tungsten	H.C. Starck Tungsten GmbH	GERMANY
Tungsten	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tungsten	Masan High-Tech Materials	VIET NAM
Tantalum	TANIOBIS Co., Ltd.	THAILAND
Tantalum	TANIOBIS GmbH	GERMANY
Tantalum	Materion Newton Inc.	UNITED STATES OF AMERICA
Tantalum	TANIOBIS Japan Co., Ltd.	JAPAN
Tantalum	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA
Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA
Tantalum	Global Advanced Metals Aizu	JAPAN
Gold	T.C.A S.p.A	ITALY
Gold	REMONDIS PMR B.V.	NETHERLANDS
Tungsten	Niagara Refining LLC	UNITED STATES OF AMERICA
Gold	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF
Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN

Tungsten	China Molybdenum Tungsten Co., Ltd.	CHINA
Tin	PT Cipta Persada Mulia	INDONESIA
Tin	Resind Industria e Comercio Ltda.	BRAZIL
Tantalum	Resind Industria e Comercio Ltda.	BRAZIL
Gold	Abington Reldan Metals, LLC	UNITED STATES OF AMERICA
Tin	Super Ligas	BRAZIL
Gold	Italpreziosi	ITALY
Tin	Aurubis Beerse	BELGIUM
Tin	Aurubis Berango	SPAIN
Gold	WIELAND Edelmetalle GmbH	GERMANY
Tantalum	Jiangxi Tuohong New Raw Material	CHINA
Gold	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF
Gold	Planta Recuperadora de Metales SpA	CHILE
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA
Gold	NH Recytech Company	KOREA, REPUBLIC OF
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA
Tin	Tin Technology & Refining	UNITED STATES OF AMERICA
Tin	Luna Smelter, Ltd.	RWANDA
Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CHINA
Tungsten	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Tungsten	Hubei Green Tungsten Co., Ltd.	CHINA
Gold	Eco-System Recycling Co., Ltd. North Plant	JAPAN
Gold	Eco-System Recycling Co., Ltd. West Plant	JAPAN
Tin	PT Mitra Sukses Globalindo	INDONESIA
Tungsten	Cronimet Brasil Ltda	BRAZIL
Tin	CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda	BRAZIL
Tin	CRM Synergies	SPAIN
Gold	Metal Concentrators SA (Pty) Ltd.	SOUTH AFRICA
Tantalum	RFH Yancheng Jinye New Material Technology Co., Ltd.	CHINA
Tungsten	Fujian Xinlu Tungsten Co., Ltd.	CHINA
Gold	Gold by Gold Colombia	COLOMBIA
Tin	PT Putera Sarana Shakti (PT PSS)	INDONESIA
Tungsten	Tungsten Vietnam Joint Stock Company	VIET NAM
Gold	Coimpa Industrial LTDA	BRAZIL
Tantalum	PowerX Ltd.	RWANDA

附件 2：HKC 显示器产品扩展矿物冶炼厂清单（2025 年）

Cobalt	Lanzhou Jinchuan Advanced Materials Technology Co., Ltd.	CHINA
Cobalt	Umicore Finland Oy	FINLAND

Cobalt	Dynatec Madagascar Company	MADAGASCAR
Cobalt	Quzhou Huayou Cobalt New Material Co., Ltd.	CHINA
Cobalt	Niihama Nickel Refinery, Sumitomo Metal Mining	JAPAN
Cobalt	Zhejiang Huayou Cobalt Company Limited	CHINA
Cobalt	JSC Kolskaya Mining and Metallurgical Company (Kola MMC)	RUSSIAN FEDERATION
Cobalt	Fort Saskatchewan Metals Facility	CANADA
Cobalt	Umicore Olen	BELGIUM
Cobalt	Anhui Hanrui New Material Co., Ltd.	CHINA
Cobalt	Chemaf Etoile	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Chizhou CN New Materials and Technology Co., Ltd.	CHINA
Cobalt	Compagnie de Tifnout Tiranimine	MOROCCO
Cobalt	Uranus Chemicals	TAIWAN, PROVINCE OF CHINA
Cobalt	Cosmo Chemical, Ltd.	KOREA, REPUBLIC OF
Cobalt	Ganzhou Highpower Technology Co., Ltd.	CHINA
Cobalt	Ganzhou Tengyuan Cobalt New Material Co., Ltd.	CHINA
Cobalt	Gem (Jiangsu) Cobalt Industry Co., Ltd.	CHINA
Cobalt	Guangdong Jiana Energy Technology Co., Ltd.	CHINA
Cobalt	Guangxi Yinyi Advanced Material Co., Ltd.	CHINA
Cobalt	Guizhou CNGR Resource Recycling Industry Development Co., Ltd.	CHINA
Cobalt	Harima Refinery, Sumitomo Metal Mining	JAPAN
Cobalt	Hunan CNGR New Energy Science & Technology Co., Ltd.	CHINA
Cobalt	Hunan Yacheng New Energy Co., Ltd.	CHINA
Cobalt	Jiangsu Xiongfeng Technology Co., Ltd.	CHINA
Cobalt	Jingmen GEM Co., Ltd.	CHINA
Cobalt	Kamoto Copper Company	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	La Compagnie de Traitement des Rejets de Kingamyambo S.A. (Metalkol S.A.)	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Mechema Taiwan Plant 2	TAIWAN, PROVINCE OF CHINA
Cobalt	Murrin Murrin Nickel Cobalt Plant	AUSTRALIA
Cobalt	NORILSK NICKEL HARJAVALTA OY	FINLAND
Cobalt	SungEel HiTech Co., Ltd.	KOREA, REPUBLIC OF
Cobalt	Port Colborne Refinery	CANADA

Cobalt	Zhejiang Greatpower Cobalt Materials Co., Ltd.	CHINA
Cobalt	Zhejiang New Era Zhongneng Technology Co., Ltd.	CHINA
Cobalt	Zhuhai Kelixin Metal Materials Co., Ltd.	CHINA
Mica	Arctic Minerals, LLC	UNITED STATES OF AMERICA
Mica	Baotou Fuguang Trading Co., Ltd. Guyang Branch	CHINA
Mica	Caolines de Vimianzo, SAU (aka CAVISA)	SPAIN
Mica	DARUKA INTERNATIONAL	INDIA
Mica	DARUKA MINCHEM PVT.LTD	INDIA
Mica	DARUKA MINERALS	INDIA
Mica	G. K. INTERNATIONAL	INDIA
Mica	HEBEI LINGSHOU COUNTY ZHONGKE MINERAL POWDER CO., LTD.	CHINA
Mica	Hunan Rongtai New Material Co., Ltd.	CHINA
Cobalt	Glencore Nikkelverk Refinery	NORWAY
Cobalt	Jiangxi Jiangwu Cobalt Industrial Co., Ltd.	CHINA
Cobalt	Societe pour le Traitment du Terril de Lubumbashi (STL)	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Mutanda Mining SPRL	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Tenke Fungurume Mining SA	CONGO, DEMOCRATIC REPUBLIC OF THE
Cobalt	Jiangxi Miracle Golden Tiger Cobalt Co. Ltd.	CHINA
Mica	Imerys Canada, Inc.	CANADA
Mica	Imerys Mica Kings Mountain, Inc.	UNITED STATES OF AMERICA
Mica	JSC “Sludyanaya Fabrika”	RUSSIAN FEDERATION
Mica	Kehui Mica Co., Ltd.	CHINA
Mica	LAXIM MINERALS CORPORATION	INDIA
Mica	Lingshou Huajing Mica Co., Ltd.	CHINA
Mica	LKAB Minerals Oy	FINLAND
Mica	Mica Electrical Material (Luhe) Co., Ltd.	CHINA
Mica	Minerals i Derivats, S.A.	SPAIN
Mica	MK Import Export	MADAGASCAR
Mica	Modi Mica Enterprises	INDIA
Mica	Nanjing Jinyun Mica Ltd.	CHINA
Mica	Pachisia & Co.	INDIA
Mica	Southeastern Performance Minerals, LLC	UNITED STATES OF AMERICA
Mica	SUBLIME MICA EXPORTS	INDIA
Mica	Super Market Fort Dauphin	MADAGASCAR

Mica	The Jai Mica Supply Co., PVT Ltd.	INDIA
Cobalt	Vale - Long Harbour Processing Plant (LHPP)	CANADA
Mica	Yamaguchi Mica	JAPAN
Mica	Yamaguchi Mica Co., Ltd. Toyohashi Factory	JAPAN
Mica	Yamaguchi Mica Co., Ltd. Shinshiro Factory	JAPAN
Cobalt	Fujian Evergreen New Energy Technology Co.	CHINA
Cobalt	Eti Bakir A.S	TURKEY
Cobalt	Lianyou Resources Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Cobalt	Hunan Jinxin New Material Holding Co., Ltd.	CHINA
Cobalt	Guangdong Fangyuan New Materials Group Co., Ltd.	CHINA
Copper	Hindalco Industries Ltd - Unit Birla Copper	INDIA
Copper	JX Nippon Mining & Metals Co., Ltd. Hitachi	JAPAN
Copper	Mount Isa Mines Limited - Copper Refineries Pty Ltd (Glencore)	AUSTRALIA
Copper	Saganoseki Smelter & Refinery	JAPAN
Copper	Radomiro Tomic	CHILE
Copper	LS MnM Inc.	KOREA, REPUBLIC OF
Copper	Toyo Smelter & Refinery, Sumitomo Metal Mining	JAPAN
Copper	Tenke Fungurume Mining SA	CONGO, DEMOCRATIC REPUBLIC OF THE
Copper	Societe pour le Traitement du Terril de Lubumbashi (STL)	CONGO, DEMOCRATIC REPUBLIC OF THE
Copper	La Compagnie de Traitement des Rejets de Kingamyambo S.A. (Metalkol S.A.)	CONGO, DEMOCRATIC REPUBLIC OF THE
Copper	Eti Bakir A.S	TURKEY
Copper	Mutanda Mining SPRL	CONGO, DEMOCRATIC REPUBLIC OF THE
Copper	Kamoto Copper Company	CONGO, DEMOCRATIC REPUBLIC OF THE
Copper	Impala Platinum - Base Metal Refinery (BMR)	SOUTH AFRICA
Copper	Antucoya	CHILE
Copper	Copper Plant Polar Division of MMC Norilsk Nickel	RUSSIAN FEDERATION
Copper	Los Bronces	CHILE

Copper	Las Ventanas	CHILE
Copper	Vale Copper Cliff Nickel Refinery	CANADA
Copper	Glencore Nikkelverk Refinery	NORWAY
Copper	Boliden Harjavalta Oy	FINLAND
Copper	Aurubis Hamburg AG	GERMANY
Copper	CCR Refinery - Glencore Canada Corporation	CANADA
Copper	Chuquicamata Refinery	CHILE
Copper	Aurubis Olen nv	BELGIUM
Copper	Atlantic Copper S.A.	SPAIN
Copper	CMOC Kisanfu Mining SARL	CONGO, DEMOCRATIC REPUBLIC OF THE
Nickel	Hunan Brunp Recycling Technology Co., Ltd.	CHINA
Nickel	Jiangxi Ruida New Energy Technology Co., Ltd.	CHINA
Nickel	Dynatec Madagascar Company	MADAGASCAR
Nickel	Niihama Nickel Refinery, Sumitomo Metal Mining	JAPAN
Nickel	Umicore Finland Oy	FINLAND
Nickel	Joint-Stock Company Kola Mining and Metallurgical Company (JSC Kola MMC)	RUSSIAN FEDERATION
Nickel	Hyuga Smelting Co., Ltd.	JAPAN
Nickel	Guangxi CNGR New Energy Science & Technology Co., Ltd.	CHINA
Nickel	Harima Refinery, Sumitomo Metal Mining	JAPAN
Nickel	Murrin Murrin Nickel Cobalt Plant	AUSTRALIA
Nickel	NORILSK NICKEL HARJAVALTA OY	FINLAND
Nickel	Guangxi Yinyi Advanced Material Co., Ltd.	CHINA
Nickel	Jiangxi Miracle Golden Tiger Cobalt Co. Ltd.	CHINA
Nickel	Impala Platinum - Rustenburg Smelter	SOUTH AFRICA
Nickel	IconiChem	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
Nickel	Fujian Evergreen New Energy Technology Co.	CHINA
Nickel	Jiangmen Chancsun Umicore Industry Co.,Ltd	CHINA
Nickel	Guangdong Fangyuan New Materials Group Co., Ltd.	CHINA
Nickel	LOHUM CLEANTECH PVT LTD	INDIA
Nickel	Umicore Olen	BELGIUM

Nickel	Guangdong Jiana Energy Technology Co., Ltd.	CHINA
Nickel	PT DEBONAIR NICKEL INDONESIA	INDONESIA
Nickel	PT Zhongtsing New Energy	INDONESIA