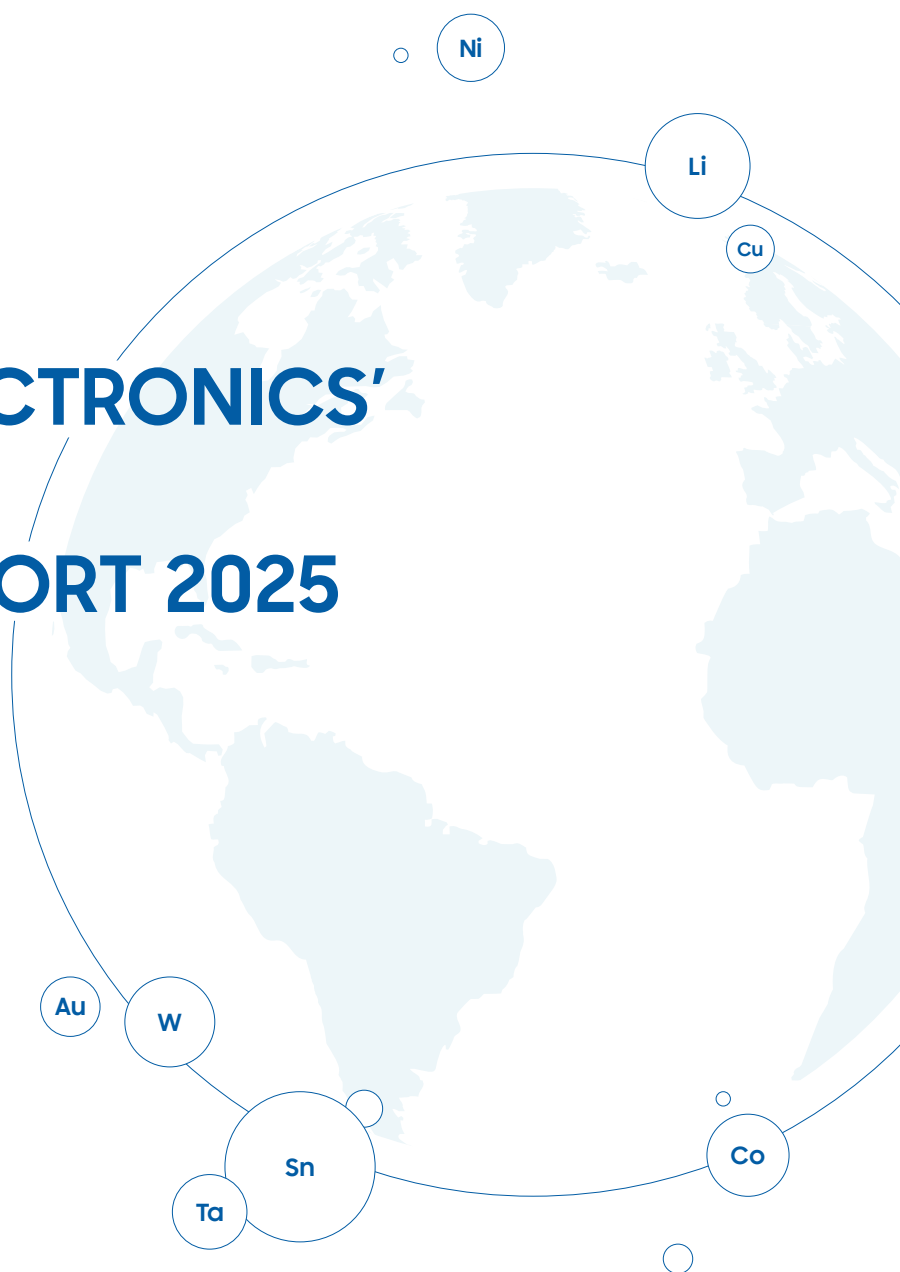


SAMSUNG ELECTRONICS' RESPONSIBLE MINERALS REPORT 2025



Samsung Electronics'

Declaration on Conflict Minerals

Respecting and protecting human rights is a top priority for Samsung Electronics Co., Ltd. ("Samsung"), and this commitment is codified and enforced through our Code of Conduct.

We do not tolerate human rights violations or environmental damage caused by mineral mining in conflict-affected and high-risk areas worldwide. We are committed to eliminating such violations and abuses, including child exploitation and sexual violence associated with mineral mining, and minimizing any harm to the health and safety of workers at mining sites around the globe.

For this reason, we ensure that our entire supply chain complies with the OECD¹⁾ Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas (hereinafter referred to as the "OECD Due Diligence Guidance"). This requires all of our business partners to follow our Supplier Code of Conduct based on internationally accepted standards.

We work together with other global companies by taking part in umbrella organizations, such as the Responsible Business Alliance's (RBA) Responsible Minerals Initiative (RMI) and the European Partnership for Responsible Minerals (EPRM), to eliminate conflict minerals and support responsible minerals sourcing.

Through these efforts, we have established a conflict-free minerals management system that prohibits the use of minerals sourced from conflict-affected and high-risk areas in 10 African countries, including the Democratic Republic of the Congo. Additionally, we only use minerals from smelters certified by global, independent third-party organizations.

1) OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas

About this report

Purpose

In recent years, there has been increasing public attention on minerals such as tantalum, tin, tungsten, gold, and cobalt that are often sourced through illegal means from conflict-affected and high-risk areas. This heightened scrutiny has created a growing call for corporate action on responsible minerals sourcing. We fully acknowledge the significance of acting responsibly as a global citizen in terms of our minerals sourcing.

In the manufacturing of our products, we incorporate a diverse range of components that contain minerals like tantalum, tin, tungsten, gold, and cobalt. Throughout this entire process, we are committed to establishing a responsible supply chain management system. We actively encourage our business partners to join us in our efforts to promote human rights and environmental protection in conflict-affected and high-risk regions. The purpose of this Responsible Minerals Report is to highlight our initiatives as a global company and progress toward creating a sustainable future for both humanity and the planet.

Scope and Period

All products commercially marketed to consumers and all materials directly purchased for manufacturing by Samsung Electronics are managed on a yearly basis. Accordingly, this report covers our activities from January 1 through December 31, 2024.

Reporting Target

Suppliers and Product Group

All materials and components sourced from our suppliers and their subcontractors associated with our products manufactured and commercially marketed, regardless of sales region, are held to our standards for conflict minerals.

Suppliers providing equipment, MRO (maintenance, repair, and operations), and other materials indirectly incorporated into the products are not considered within the reporting target. Each supplier is managed on a per facility basis.

※ No. of target suppliers	(number of suppliers, based on their facilities)				
	2020	2021	2022	2023	2024
Suppliers	2,490	2,391	2,463	2,482	2,383
DX	2,155	2,045	2,116	2,141	2,056
DS	335	346	347	341	327

※ Key products

Business divisions	Key products
DX (Device eXperience)	TVs, Monitors, Refrigerators, Washers, Air conditioners, HHP, PCs, Network systems, Ultrasound systems
DS (Device Solutions)	DRAM, SSDs, NAND flash, Mobile Aps, Image sensors

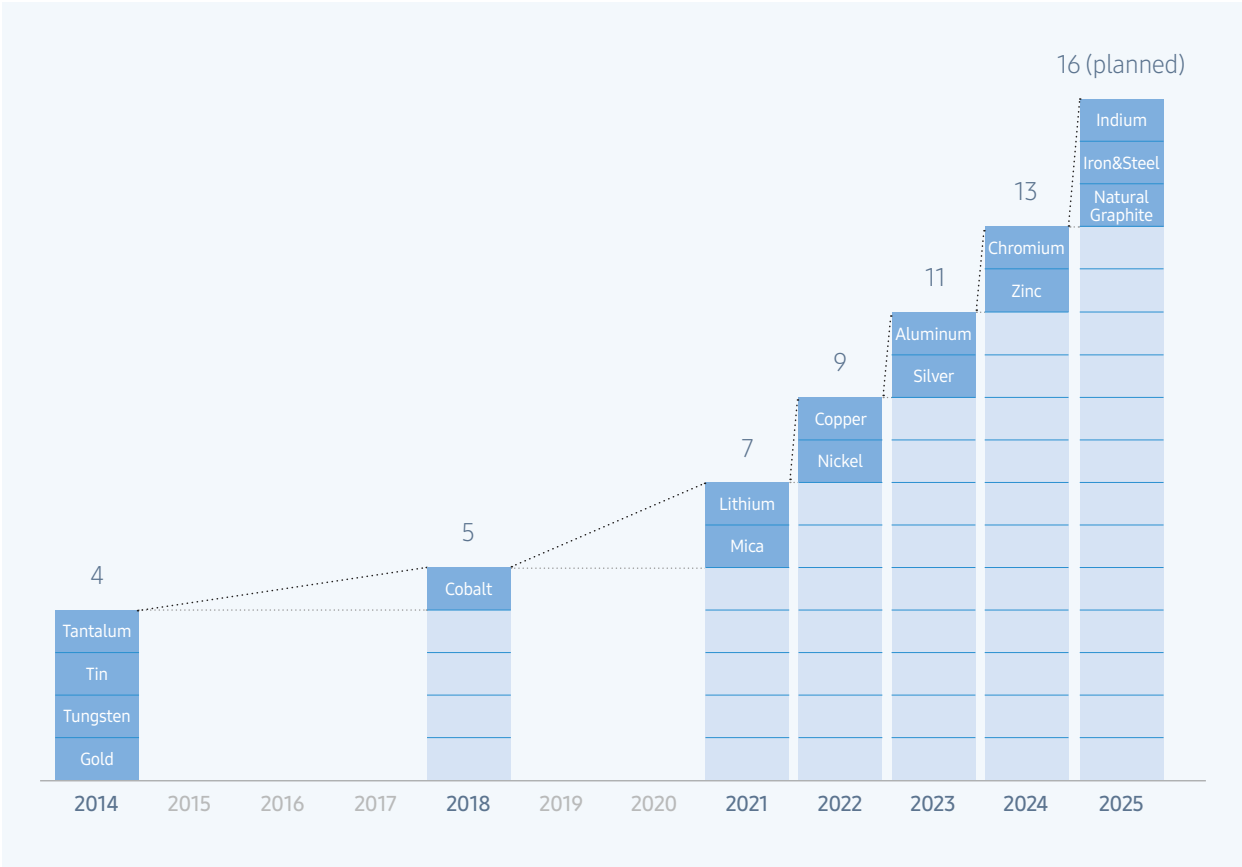
Minerals

We strive to avoid the use of any illegally mined minerals from conflict-affected and high-risk areas and continuously monitor the minerals sourcing practices of our suppliers by expanding the scope of our monitoring efforts.

To this end, through 2021, we monitored a total of seven different minerals – four conflict minerals (tantalum, tin, tungsten, gold) and three responsible minerals (cobalt, molybdenum, lithium). Starting in 2022, we added two responsible minerals (copper, nickel), followed by two (aluminum, silver) more in 2023 and another two (chromium, zinc) in 2024, resulting in a total of 13 minerals under our oversight.

In addition, we are actively exploring the possibility of broadening the scope of monitored minerals to include Indium, Iron&Steel and Natural Graphite, which have recently gained importance as critical concerns. This endeavor reaffirms our commitment to monitoring any minerals that require our oversight.

※ No. of minerals under oversight by year



✖ Main Minerals Under Oversight

Conflict Minerals

Conflict minerals, as defined by the US Dodd-Frank Act, include tantalum, tin, tungsten, and gold (3TG) that are illegally mined in the 10 African countries of the Democratic Republic of the Congo, the Republic of Congo, the Central African Republic, South Sudan, Uganda, Rwanda, Burundi, Tanzania, Zambia, and Angola. The characteristics of each mineral are as follows.

Minerals	Main Production Sites	Main Applications	Major Issues
Tantalum Ta	African countries such as the Democratic Republic of the Congo, Rwanda, South Sudan, Mozambique * Raw minerals: Tantalite, Columbite, etc.	Manufacturing of electronic devices, including electrolytic capacitors, semiconductors, and parts for the aerospace industry Particularly critical in high-tech products such as smartphones, computers, and electric vehicles	Child labor related to mining activities due to unstable political situations and disorder, as well as environmental destruction, in some African areas
Tin Sn	China, Indonesia, Bolivia, Malawi, South Africa, etc. * Raw minerals: Cassiterite	Various industries, with its most well-known application being solder, an alloy of tin Additionally, soldering electronic products, can manufacturing, cosmetics, paints, and plastic additives Tin oxide used in glass manufacturing	Ecosystem destruction, water pollution, and child labor from mining activities at some mines
Tungsten W	China, Russia, Canada, Bolivia, etc. * Raw minerals: Scheelite, Wolframite	Various industries thanks to its high strength and heat resistance at high temperatures and pressures Particularly used in the form of carbides or chemical catalysts and as an essential material in the electrical and electronics industry for manufacturing light bulbs and semiconductors	Environmental destruction, ecological impact, and violation of workers' rights during mining activities
Gold Au	China, Australia, Russia, U.S., Canada, etc.	Circuits and connectors of electronic products, as well as in the manufacturing of electronic devices due to its stability and electrical conductivity Also used as an underlying asset for investment and financial products	Environmental destruction during mining activities due to the use of chemicals, soil contamination, and water pollution Concerns about workers' rights and safety in some areas

Other Minerals in Focus

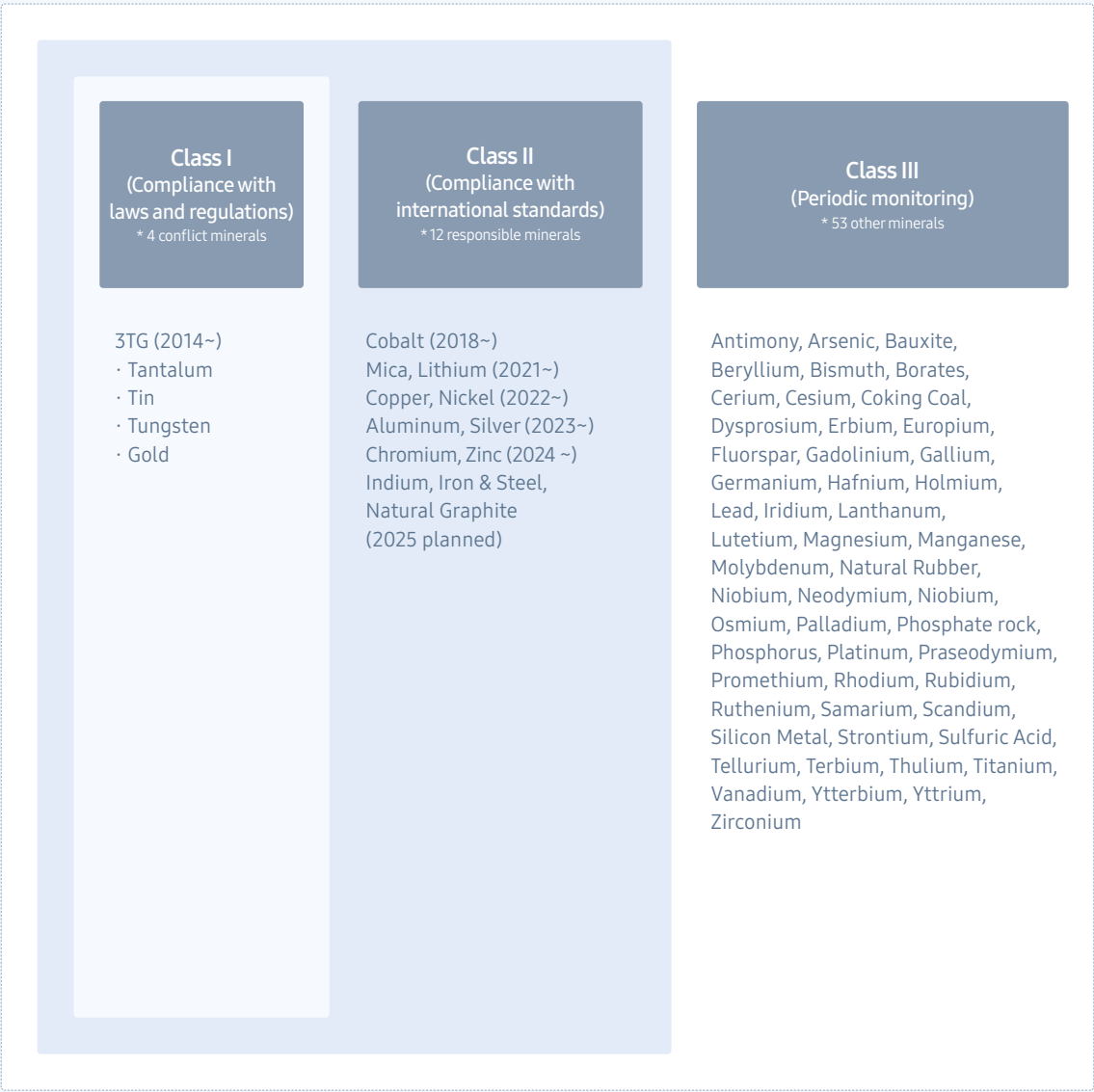
Samsung Electronics focuses on other minerals beyond 3TG if they are related to global issues such as child labor, human rights, and environmental issues, including conflict minerals. The characteristics of each mineral are as follows.

Minerals	Main Production Sites	Main Applications	Major Issues
Cobalt Co	Democratic Republic of the Congo, Cambodia, Canada, Australia, Russia, etc. * Raw material: Cobaltite, etc.	Manufacturing of lithium-ion batteries for mobile devices, electric vehicles, and smartphones Also used in alloys, magnets, and the chemical industry	Labor issues, environmental destruction, and human rights problems such as child labor arising from cobalt mining in some regions of the Democratic Republic of the Congo
Mica -	Russia, India, Madagascar * Raw materials: Muscovite, Phlogopite, Biotite, Lepidolite, Paragonite	Mica flakes are used in vacuum tubes, commutators for electric motors, insulation materials, thermal insulation materials, and furnace windows, while mica sheets are utilized in decorative paints, thermal insulation materials, insulation materials, and lightweight building materials. Lithium mica is used for lithium metal extraction, special lubricants, and as a raw material in manufacturing	Soil and water pollution, as well as workers' rights and safety issues during mining activities
Lithium Li	Australia, Chile, Argentina, China, etc.	Various applications such as mobile devices, electric vehicles, and solar energy storage systems as a major component of lithium-ion batteries, as well as other fields such as medical devices, the aerospace industry, and nuclear reactor control rods	Environmental destruction, including water pollution, soil contamination, and ecosystem damage resulted from mining and extraction in some regions Concerns about the negative impact of chemicals used in the lithium production process on the environment and human health
Copper Cu	Chile, China, Peru, U.S., India, etc.	Primarily used in the electrical and electronics industries, as essential for the manufacturing of wires, electrical cables, electric motors, and electronic products Widely used for plumbing, heating systems, and building materials in the construction industry	Soil contamination, water pollution, ecosystem destruction from mining activities, and concerns about working conditions and safety
Nickel Ni	Indonesia, Philippines, Russia, Canada, Australia, etc.	Primarily used as one of the main components in stainless steel and alloys Stainless steel widely used for its corrosion resistance and ability to maintain high strength in high-temperature environments Used in batteries, automotive exhaust treatment systems, aircraft parts, and the chemical industry	Soil contamination, water pollution, ecosystem destruction from mining activities, and concerns about working conditions and safety
Aluminum Al	Australia, China, Guinea, Brazil, etc. * Raw material: Bauxite	Being lightweight yet strong and resistant to corrosion, used in various industries such as aircraft manufacturing, automotive manufacturing, the construction industry, and beverage can production	Environmental destruction due to bauxite mining, as well as environmental issues such as air pollution due to significant energy consumption during the aluminum smelting process
Silver Ag	Mexico, China, Peru, Russia, Australia, etc.	With high electrical and thermal conductivity, used in the manufacturing of electronic components, electrical conductors, and audio and video devices Silver alloys widely used in the casting and molding industry	Soil contamination, water pollution, ecosystem destruction from mining activities, and concerns about working conditions and safety
Chromium Cr	South Africa, India, Russia, Kazakhstan, China, etc. * Raw Materials : Chromite	Stainless steel, alloy steel, coatings, and the chemical industry, as well as for use in electroplating materials	The mining and processing of chromium may lead to environmental pollution and health issues for workers
Zinc Zn	China, Peru, Indonesia, Australia, India, etc. * Raw Materials : Sphalerite	Electroplating, alloys, batteries, the chemical industry, and galvanization for corrosion protection of steel structures	The mining and processing activities can result in soil and water contamination, as well as safety concerns for workers

Samsung Electronics' Responsible Minerals Management Roadmap

We continue to monitor mineral-related regulations as well as the demands from various external stakeholders. As part of this ongoing process, we are actively establishing the list of minerals that necessitate comprehensive oversight.

Considering external demands specific for each mineral, we distinctly manage minerals based on their classification, while consistently expanding the scope of minerals we monitor.



* Source:
1) US Dodd-Frank Wall Street Reform and Consumer Protection Act (2010)
2) RMI Smelter Database (2022)
3) US Mineral Security Partnership (2019)
4) EU Critical Raw Materials Act (2024)

Samsung Electronics' Policy on Responsible Minerals Sourcing

We are committed to contributing to a more sustainable future for the public as well as our planet. We believe that establishing a responsible supply chain and encouraging the participation of our suppliers is critical to minimize human rights violations and environmental degradation.

Based on the OECD Due Diligence Guidance, we ensure ethical and responsible management of all minerals used in our products. Additionally, we mandate our suppliers to adhere to the Samsung Electronics Supplier Code of Conduct, which is grounded in international industry standards. We also actively engage other companies and the relevant industry stakeholders to promote responsible sourcing of minerals through initiatives such as RBA, RMI, and EPRM.

Conflict Minerals

We are aware that in some areas of the 10 African countries, including the Democratic Republic of the Congo, standards to protect the environment and human rights do not adequately safeguard all rights. As a result, we have prohibited the use of conflict minerals such as tantalum, tin, tungsten, and gold that are mined illegally in conflict regions. To ensure that our suppliers are held to the highest standards, we conduct thorough reviews of the minerals used in our products as part of our supply chain management process.

To establish a system for sourcing of conflict-free minerals, we use a due diligence process for conflict minerals that is in line with the OECD Due Diligence Guidance. Additionally, we require that our suppliers work only with smelters that have received RMAP (Responsible Minerals Assurance Process) certifications, and we halt transactions that include any minerals provided by non RMAP-conformant smelters. By only using RMAP-certified smelters, we can ensure that the minerals we are sourcing have been mined ethically regardless of origin. However, we do not outright ban sourcing from any specific regions, including Africa, as this may undermine the progress that is being made to mine responsibly.

We also provide suppliers with clear guidelines, training and education support to raise their awareness of conflict minerals. We conduct regular inspections on the use of conflict minerals throughout our supply chain by reviewing the information submitted by suppliers and by carrying out on-site inspections as needed for additional verification.

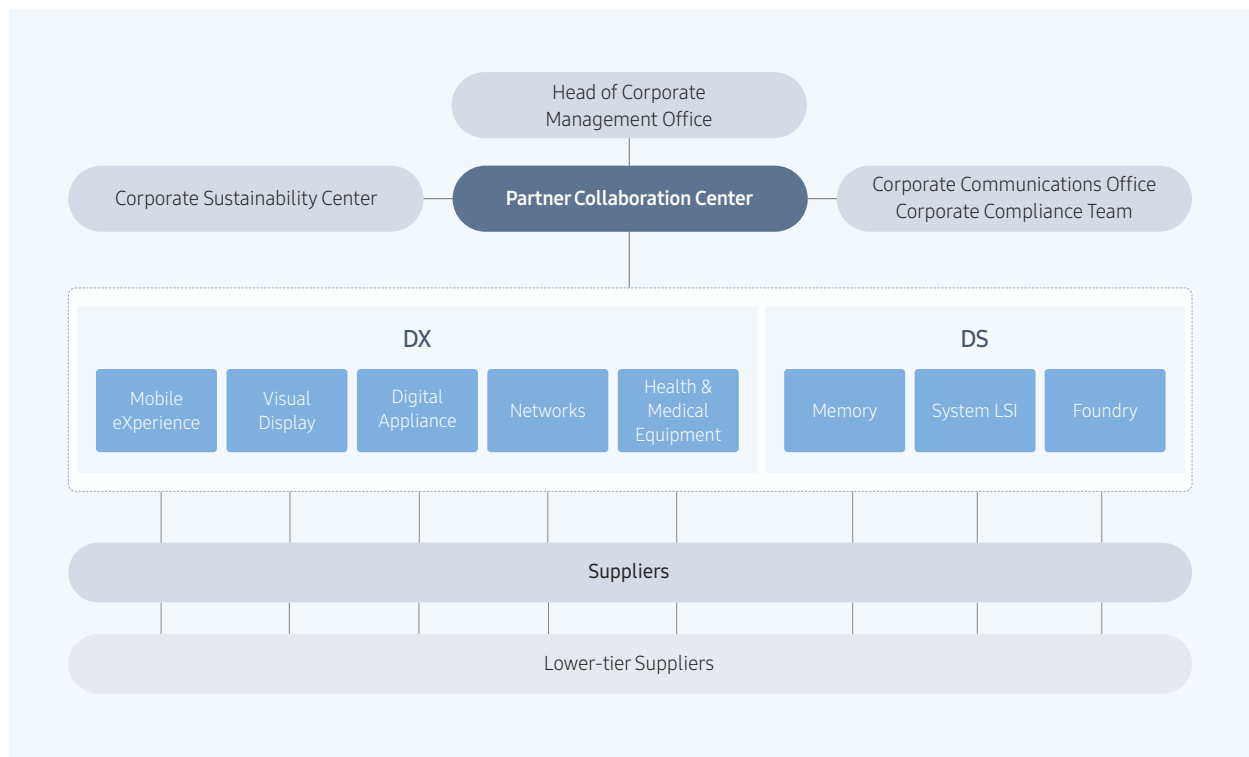
Responsible Minerals

In addition to our commitment to conflict-free minerals, we also extensively manage our supply chain to monitor any mineral mining associated with human rights violations or environmental destruction. In particular, we ensure that the issue of underage workers in cobalt mines in the Democratic Republic of the Congo is managed in accordance with the OECD Due Diligence Guidance. We are also mindful of other potential issues in mining and continually conduct diligent monitoring of these matters as well as collaborating with global organizations to consider additionally required responses.

We work to ensure that mining in our supply chain is not used for funding conflicts and is carried out in ways that respect human rights and the environment, while being mindful of social responsibilities.

Responsible Minerals Management Organization

The Partner Collaboration Center, under the leadership of the head of the Corporate Management Office, is responsible for risks associated with responsible minerals sourcing. In addition, personnel dedicated to responsible minerals in each business division oversee and monitor conflict mineral risks within their respective divisions, as well as those involving their suppliers. The Center also closely cooperates with relevant entities within the company-wide risk management system, including the Corporate Sustainability Center, Corporate Compliance Team, and Corporate Communications Office.

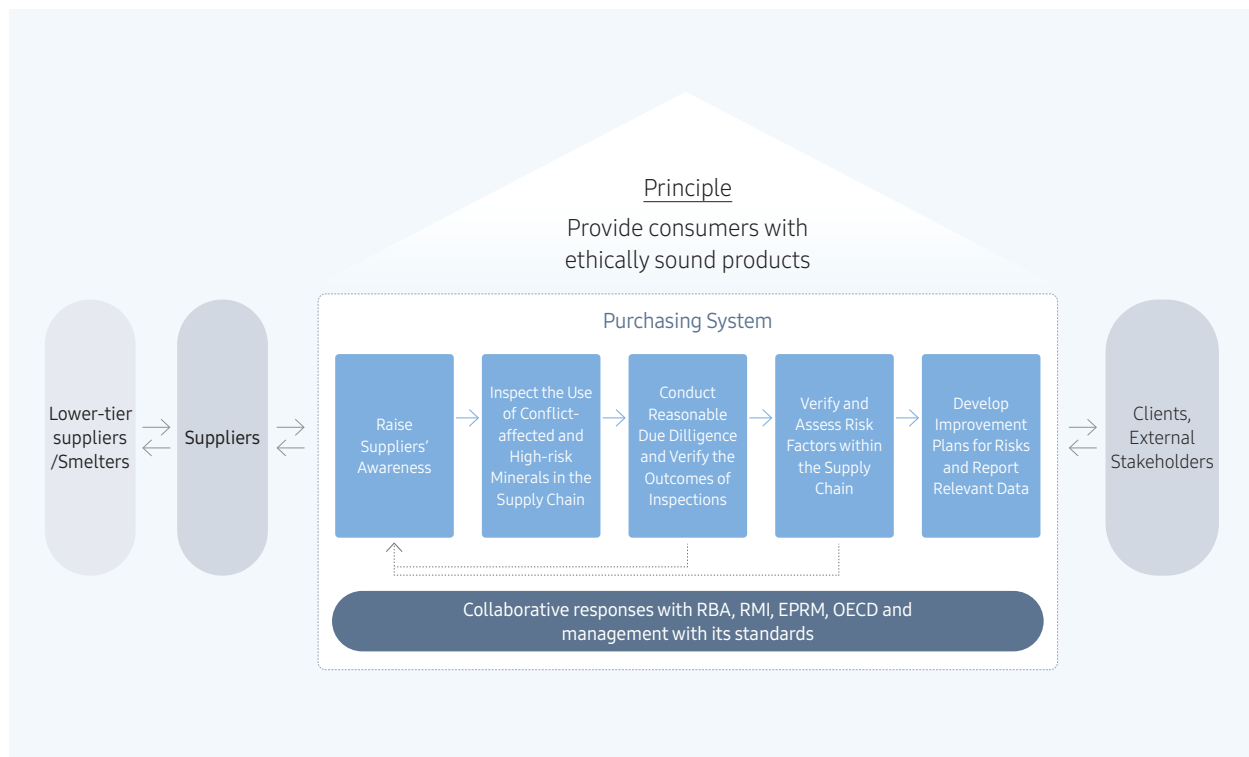


* DX: Device eXperience * DS: Device Solutions

Responsible Minerals Management Process

Management System

We operate our minerals management process in accordance with the OECD Due Diligence Guidance. In addition, we proactively communicate the progress and outcomes of our management efforts to different stakeholders, including our customers. We also engage in global coalitions and partnerships to collaborate on addressing conflict and other minerals and to amplify the benefits of responsible sourcing around the world .



Management Procedure

We ensure that the minerals used in our products have been mined ethically in accordance with the OECD Due Diligence Guidance and require that our suppliers adopt the Guidance as well.

Samsung Electronics' Responsible Minerals Management Process

	Raise Suppliers' Awareness	- Require that all first-tier suppliers commit to banning the use of conflict-affected and high-risk minerals by submitting a written pledge - Distribute the conflict-affected and high-risk minerals management guide and support working-level training - Require that lower-tier suppliers expand their policies to ban the use of conflict-affected and high-risk minerals and to source ethically and responsibly
	Inspect the Use of Conflict-Affected and High-Risk Minerals in the Supply Chain	- Monitor data on all first-tier suppliers' use of conflict-affected and high-risk minerals as well as smelters' use of such minerals in the supply chain
	Conduct Reasonable Due Diligence and Verify the Outcomes of Inspections	- Conduct on-site inspections for the verification of data submitted by suppliers
	Verify and Assess Risk Factors Within the Supply Chain	- Categorize suppliers into four rating groups based on inspection results
	Develop Improvement Plans for Risks and Report Relevant Data	- Restrict transactions with suppliers that work with any smelters not certified by third-party organizations - Recommend smelters in the supply chain to become third-party certified

As part of our conflict-free minerals management, we provide both online and offline training for our employees who are responsible for global procurement. The online courses on conflict minerals are mandatory for all procurement employees. In 2024, a total of 99 procurement employees successfully completed the training program on the conflict and responsible minerals policy and our management process.

We also focus on training and guiding our suppliers. Our Conflict Minerals Management Guidance includes the conflict minerals policy that we share with our suppliers. In 2024, in a bid to strengthen awareness among our suppliers, we provided training sessions to a total of 469 employees representing 440 different suppliers. These sessions covered various areas, such as our conflict minerals policy, instructions on how to use the conflict minerals management system, and the process required to become an RMAP-certified smelter. Notably, we conducted additional training programs for suppliers that displayed vulnerabilities during our on-site assessments, aiming to support them in effectively addressing such gaps.

※ Conflict minerals training completed (2020 - 2024)					(persons)
Year	2020	2021	2022	2023	2024
Total	440	551	693	659	568
Samsung Electronics	127	181	219	189	99
Suppliers	313	370	474	470	469

Step 2: Inspect the Use of Conflict-Affected and High-Risk Minerals in the Supply Chain

Using RMI's templates such as the Conflict Minerals Reporting Template (CMRT), Extended Minerals Reporting Template (EMRT), and AMRT (Additional Minerals Reporting Template), we collected our suppliers' data regarding conflict and high-risk minerals, as well as other information on smelters within the supply chain, through the Samsung Electronics' Purchasing System. This enabled us to investigate the smelters and origins of conflict and high-risk minerals for all partner companies. In addition, we required our suppliers to extend the ban on conflict minerals to their own suppliers in accordance with our conflict minerals policy.

(number of supplier facilities)					
Year	2020	2021	2022	2023	2024
No. of suppliers	2,490	2,391	2,463	2,482	2,383
Inspection rate	100%	100%	100%	100%	100%
3TG-using suppliers	888	871	885	904	900

※ Status of smelters within the supply chain (2020 - 2024)

(number of smelters)					
Year	2020	2021	2022	2023	2024
Tantalum	38	38	36	42	41
Tin	53	55	59	67	74
Tungsten	42	40	39	33	37
Gold	107	107	99	91	91
Cobalt	27	35	42	42	49
Mica	-	10	19	26	26
Lithium	-	16	11	8	101
Copper	-	-	33	90	388
Nickel	-	-	22	30	99
Aluminum	-	-	-	27	66
Silver	-	-	-	10	13
Chromium	-	-	-	-	17
Zinc	-	-	-	-	9

* During the investigation, the available international standards and smelter lists for lithium, copper, nickel, aluminum, and silver were found to be inadequate. As a result, we focused the investigation solely on suppliers based in South Korea. Starting in 2024, we expand the scope of the investigation to include all suppliers working with us.

Step 3: Conduct Reasonable Due Diligence and Verify the Outcomes of Inspections

Following an immediate internal review of the data submitted by suppliers, in 2024, we conducted on-site audits on 202 global suppliers. These audits were carried out to ensure the reliability of their submitted data, as well as to verify the effective implementation of conflict minerals-related policies.

For the audits conducted in 2024, we employed the same criteria that are used annually to select the target suppliers. This included new trading companies, underperformers from the previous year, and suppliers that provided inadequate responses for the 2023 survey.

※ No. of on-site supplier audits (2020 - 2024)

(number of on-site audits)

Year	2020	2021	2022	2023	2024
Total	427	493	438	315	202
DX	386	449	386	281	178
DS	41	44	52	34	24

* From 2020 to 2022, audits were conducted through the 'contact-free' review of evidential documents due to COVID-19. However, starting in 2023, we conducted face-to-face on-site inspections for suppliers in South Korea, and from 2024, we expand these inspections to all global regions.

※ No. of on-site audits by region in 2024

(number of on-site audits)

Total	Korea	China	Other Asia	the Americas	Europe	Africa
202	35	26	77	39	20	5

According to the results, 97.0% of the suppliers maintained effective management controls, complying with at least 80% of the audit standards. Specifically, 98.5% of the suppliers conducted inspections on their lower-tier suppliers in accordance with RMI standards, and 98.0% reported the inspection results to Samsung Electronics without any data omissions. These findings reflect the strong quality management of our suppliers in addressing conflict minerals information with their lower-tier suppliers.

In addition, we implemented follow-up improvement measures to assist suppliers identified with vulnerabilities during the inspection to help them address their gaps. As a result, all suppliers eventually satisfied the criteria for their management of conflict minerals. In addition, we will continue to monitor the progress of the suppliers that were initially rated "insufficient" in 2024 by including them in our on-site audits once again in 2025.

All information regarding our on-site audits, including historical records and results, is systematically managed and archived through our purchasing system.

※ Smelter On-Site Inspection Results

Samsung Electronics piloted on-site inspections of raw material suppliers to eradicate human rights abuses, such as child labor exploitation and environmental destruction during the mineral mining process, and to protect the health and safety of mining workers. Using the RMI Responsible Minerals Assurance Process (RMAP) program, we verified whether the minerals used in domestic smelters were supplied from conflict and high-risk areas (CAHRA) where human rights abuses occur. In 2025, we inspected LT Metal Ltd. and NH Recytech Company, and we plan to continue these inspections moving forward.

· LT Metal Ltd.(Gold, CID000689) : Korea, Republic of

Founded in 1974, LT Metal Ltd., an affiliate of Heesung Group, specializes in electrical and electronic components and precious metal materials. Initially a joint venture with Tanaka Precious Metals Industry Co., Ltd. of Japan, the company adopted its current name in 2019. LT Metal's core business involves the R&D and manufacturing of precious metal materials, supplying electrical contacts, bonding wires, and plating materials, alongside precious metal recovery. They aim to be a global leader in precious metal processing through continuous innovation and customer satisfaction.

* <https://www.ltmatal.co.kr>

· NH Recytech Company(Gold, CID003189) : Korea, Republic of

NH Recytech Established in 2012, NH Recytech is an eco-friendly resource recycling company. They specialize in the smelting, refining, alloying, and manufacturing of recycled materials from copper, aluminum, and other non-ferrous metals. A key focus is urban mining, where they recover valuable metals from electronic scrap, small waste appliances, and used batteries. Through continuous R&D, NH Recytech develops optimized processes for valuable metal recovery and used battery treatment, significantly contributing to the circular economy.

* <https://www.nhrecytech.com>

Step 4: Verify and Assess Risk Factors Within the Supply Chain

We manage the responsible minerals information provided by our suppliers through our purchasing system and track information on conflict minerals in real-time by each material unit purchased.

If a supplier fails to submit the required information for a particular material or includes a mineral sourced from a non-RMAP-certified smelter, we immediately block their access to the procurement system. Simultaneously, we send a notification email to both the person of contact from Samsung Electronics and the supplier involved in responsible minerals procurement to ensure that they are aware of the issue and take action for improvement. We then send out periodic notices and follow-up reminders to encourage prompt action.

Moreover, we conduct on-site audits on suppliers identified with vulnerabilities in their management standards and processes. Based on the credibility of the submitted data and the actual on-site conditions, we implement tailored follow-up measures. We instruct suppliers with lower rankings to submit supporting documents and/or provide them with on-site guidance when necessary. Through such activities, we assist our suppliers in the review of their conflict minerals policies, organizational management, and conflict minerals information management systems. This helps them improve in their areas of vulnerability, which in turn enables them to enhance their management capabilities.

As a result of our efforts, in 2024, all product categories manufactured by Samsung Electronics are in full compliance with our Conflict Minerals Management Guidance.

※ Responsible minerals compliance rate by product category

	Mobile eXperience	Visual Display	Digital Appliance	Networks	Health & Medical Equipment	Memory	System LSI	Foundry
Key product category	Smart phones, tablets	TVs, monitors	Refrigerators, laundry machines	Repeaters, modem chips	Ultrasound systems	DRAM, SSD	APs, CMOS	Mobile SoC
Compliance rate	100%	100%	100%	100%	100%	100%	100%	100%

Step 5: Develop Improvement Plans for Risks and Report Relevant Data

We require that all of our suppliers pledge to avoid the use of conflict minerals. We maintain real-time monitoring of each material through our purchasing system and block any materials from access to our supply chain if they are found to use minerals sourced from non-RMAP-certified origins.

We also conduct regular monitoring of the RMI website to stay informed of any changes in the RMAP list of certified smelters and to promptly update the information in our purchasing system accordingly. If any materials are found to be associated with uncertified smelters, we take immediate action by suspending the contracts and share this information with relevant suppliers and business divisions in order to encourage and support the necessary improvements. In 2024, a total of 3 smelters were removed from the RMAP-conformant list, and we promptly communicated this information to 273 relevant suppliers, ensuring that they took appropriate follow-up measures regarding the affected smelters.

※ Smelters removed from the RMAP-conformant list in 2024

Minerals	Reference No.	Smelter Name
Tantalum	CID002232	Zhuzhou Cemented Carbide Group Co., Ltd.
Gold	CID000969	Kennecott Utah Copper LLC
Tin	CID003581	Rian Resources SDN. BHD.

We have established a range of voice of customer channels and provided 24/7 support to assist suppliers in resolving their feedback related to conflict minerals. In 2024, we received and handled 210 cases in total.

※ No. of VoC cases handled in 2024

	(number of cases)						
	Total	Survey	Operating System	Smelter	Data transmission	Letter of consent	Other
Total	210	145	25	1	6	3	30
Conflict minerals	156	103	22	1	6	0	24
Responsible minerals	54	42	3	0	0	3	6

We conduct thorough verification to determine the presence of any conflict minerals in our products and to trace their origins using the smelter information submitted by our suppliers. In cases where the country of origin is uncertain or the smelters are not certified by RMAP, we investigate whether conflict minerals have been used and request that such smelters obtain RMAP certification. As a result of these efforts, all of our suppliers sourced minerals exclusively from RMAP-certified smelters as of the end of 2024.

* Please refer to the attachment for the detailed smelter list.

※ Conflict minerals-related RMAP certification of smelters in the supply chain

(number of smelters as of 2024)

	Total	Tantalum	Tin	Tungsten	Gold
No. of smelters	243	41	74	37	91
RMAP certification rate	100%	100%	100%	100%	100%

※ Responsible minerals-related RMAP certification of smelters in the supply chain

(number of smelters as of 2024)

	Cobalt	Mica	Lithium	Copper	Nickel	Aluminum	Silver	Chromium	Zinc
No. of smelter	49	26	101	388	99	66	13	17	9
RMAP certification rate	100%	12%	8%	3%	16%	0%	2%	0%	2%

* Samsung Electronics conducts annual survey on the responsible sourcing of cobalt, mica, lithium, copper, nickel, aluminum, silver, chromium, and zinc, while also working with the Responsible Minerals Initiative (RMI) to expand the Responsible Mineral Assurance Program (RMAP) certification.

We disclose all relevant information in a transparent manner every year through our website, Sustainability Management Report, and Responsible Minerals Report. In addition, we actively respond to direct requests from various global stakeholders for related information.

※ External inquiries handled on the responsible minerals sourcing of suppliers (2020 - 2024)

(number of cases)

Year	2020	2021	2022	2023	2024
Customer	242	332	420	538	377
NGO/Rating agency, etc	11	14	7	12	32

Through prior consultation with our suppliers, we have secured their consent to publicly disclose their information on the use of conflict minerals and provide that information to Samsung Electronics' stakeholders.

Cooperative Activities with External Parties

To effectively operate responsible minerals sourcing policies and address related issues, we work with companies in the same industry and actively gather insights from relevant stakeholders. We also engage in a variety of initiatives, including social contribution activities and private-public partnership programs, in a bid to seek fundamental solutions for issues related to human rights and environmental degradation.

Responsible Minerals Initiative (RMI)

The RMI is a coalition of global companies dedicated to addressing issues related to the sourcing of minerals from conflict-affected and high-risk areas. As an RMI member, we strive to identify the origins of minerals that move through the global supply chain. To this end, we have developed the CMRT and EMRT – our templates on conflict and responsible minerals – to survey our suppliers and enhance the collection and disclosure of information on smelters in the supply system. Leveraging the RMAP, a validation program for responsible minerals sourcing, we encourage smelters that have been validated as conflict-free to undergo independent third-party certification.



Moreover, as an RMI Steering Committee Member, we are actively engaging in establishing the RMI industrial management standards for responsible minerals and continuously improving the RMAP and other related programs of the RMI, while also communicating with external stakeholders and experts to discuss their concerns or seek advice.

※ RMAP Assessment Introduction

The flagship program of the RMI, the Responsible Minerals Assurance Process (RMAP) takes a unique approach to helping companies make informed choices about responsibly sourced minerals in their supply chains. Focusing on a “pinch point” (a point with relatively few actors) in the global metals supply chain, the RMAP uses an independent third-party assessment of smelter/refiner management systems and sourcing practices to validate conformance with RMAP standards. The assessment employs a risk-based approach to validate smelters’ company-level management processes for responsible mineral procurement.

The RMAP standards are developed to meet the requirements of the OECD Due Diligence Guidance, the Regulation (EU) 2017/821 of the European Parliament and the U.S. Dodd-Frank Wall Street Reform and Consumer Protection Act.

* Source: <http://www.responsiblemineralsinitiative.org/responsible-minerals-assurance-process/>

What risks are covered by the RMAP assessment?

Companies must address all OECD Annex II risks, which are those commonly associated with the extraction, transport and trade of minerals from CAHRAs:

- Any forms of torture, cruel, inhuman and degrading treatment;
- Any forms of forced or compulsory labor;
- The worst forms of child labor;
- Other gross human rights violations and abuses such as widespread sexual violence;
- War crimes or other serious violations of international humanitarian law, crimes against humanity or genocide;
- Direct or indirect support to non-state armed groups;
- Direct or indirect support to public or private security forces;
- Bribery and fraudulent misrepresentation of the origin of minerals;
- Money laundering;
- Non-payment of taxes, fees and royalties to governments.

* Source: <https://www.responsiblemineralsinitiative.org/about/faq/rmap/what-risks-are-covered-by-the-rmap-assessment/>

European Partnership for Responsible Minerals (EPRM)

The EPRM is a multi-stakeholder partnership set up in May of 2016 that serves as a platform for cooperation between EU governments, companies, and civil society to enhance the transparency of supply chains dealing with conflict minerals and responsible minerals. We joined the EPRM in December 2018 as part of our commitment to complying with regulations on conflict and responsible minerals sourcing and fulfilling our social responsibility together with industry partners. With the support of governments and companies around the world, the EPRM advances a variety of initiatives including conducting fact-finding research and suggesting solutions to human rights issues in conflict-affected areas such as the Democratic Republic of the Congo.



International Labour Organization's Child Labour Platform

In 2021, the International Year for the Elimination of Child Labour, Samsung Electronics joined the Child Labour Platform (CLP), a business-led initiative of International Labour Organization (ILO) that brings together like-minded companies committed to eliminating child labor in their supply chains.

The ILO CLP provides members with opportunities to engage with stakeholders, promote collaborative approaches to due diligence, and share knowledge and best practices.

Within the ILO CLP, Samsung is participating in the Cobalt Working Group, focusing on the Democratic Republic of the Congo (DRC) to strengthen our supply chain due diligence efforts and provide inputs from the private sector perspective.

Key Achievements in Responsible Minerals Sourcing in 2024

Samsung Electronics is listening to advice from various stakeholders with global industries to effectively operate responsible mineral purchase policies and solve problems.

In addition, we are participating in social contribution activities and public-private cooperation programs to find fundamental solutions to human rights and environmental problems.

Category				Status
No. of target suppliers				2,383
Conflict minerals	CMRT survey	No. of smelters		243
			Tantalum	41
			Tin	74
			Tungsten	37
			Gold	91
	No. of on-site audit		202	
Responsible minerals	EMRT survey	No. of smelters	Cobalt	49
			Mica	26
	PRT survey	No. of smelters	Lithium	101
			Copper	388
			Nickel	99
			Aluminum	66
			Silver	13
			Chromium	17
			Zinc	9
Training	No. of trainees		568	
		Samsung Electronics	99	
		Suppliers	469	
External requests (customers)	No. of suppliers		212	
	No. of requests		377	
	No. of models		414	

※ 3TG minerals (Tantalum, Tin, Tungsten, Gold) sourcing countries (148 in total)

Albania, Algeria, Andorra, Angola, Antigua and Barbuda, Argentina, Australia, Austria, Azerbaijan, Bahamas, Bangladesh, Barbados, Belarus, Belgium, Benin, Bolivia (Plurinational State of), Bosnia and Herzegovina, Botswana, Brazil, Bulgaria, Burkina Faso, Burundi, Cambodia, Cameroon, Canada, Cayman Islands, Chile, China, Colombia, Congo (Democratic Republic of the), Costa Rica, Côte d'Ivoire, Croatia, Curacao, Czech Republic, Denmark, Dominican Republic, Ecuador, Egypt, El Salvador, Estonia, Eswatini, Ethiopia, Fiji, Finland, France, French Guiana, Georgia, Germany, Ghana, Greece, Grenada, Guatemala, Guinea, Guyana, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Ireland, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Korea, Kuwait, Kyrgyzstan, Lao People's Democratic Republic, Latvia, Lebanon, Liberia, Liechtenstein, Lithuania, Luxembourg, Macao, Madagascar, Malaysia, Mali, Malta, Mauritania, Mexico, Moldova (Republic of), Mongolia, Morocco, Mozambique, Myanmar, Namibia, Netherlands, New Caledonia, New Zealand, Nicaragua, Niger, Nigeria, Norway, Oman, Panama, Papua New Guinea, Peru, Philippines, Poland, Portugal, Puerto Rico, Romania, Russia, Rwanda, Saint Kitts and Nevis, Saint Vincent and the Grenadines, Saudi Arabia, Senegal, Serbia, Sierra Leone, Singapore, Sint Maarten, Solomon Islands, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Sudan, Suriname, Sweden, Switzerland, Taiwan, Tajikistan, Tanzania, Thailand, Timor-Leste, Togo, Trinidad and Tobago, Tunisia, Turkey, Uganda, Ukraine, United Arab Emirates, United Kingdom, United States of America, Uruguay, Uzbekistan, Venezuela, Vietnam, Zambia, Zimbabwe



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Conflict Minerals Reporting Template (CMRT)

English

Revision 6.5
April 25, 2025

[Link to Terms & Conditions](#)

The purpose of this document is to collect sourcing information on tin, tantalum, tungsten and gold used in products

Mandatory fields are noted with an asterisk (*). Consult the instructions tab for guidance on how to answer each question.

Company Information

Company Name (*):	Samsung Electronics		
Declaration Scope or Class (*):	A. Company		
Description of Scope:			
Company Unique ID:	687967554		
Company Unique ID Authority:	DUNS		
Address:	129 Samseong-ro, Yeongtong-gu, Suwon, Korea #16677		
Contact Name (*):	Samsung Electronics Conflict Minerals Manager		
Email - Contact (*):	purchasingcm@samsung.com		
Phone - Contact (*):	+82-2-2255-0114		
Authorizer (*):	Samsung Electronics Conflict Minerals Manager		
Title - Authorizer:			
Email - Authorizer (*):	purchasingcm@samsung.com		
Phone - Authorizer:			
Effective Date (*):	1-Jan-2025		

Answer the following questions 1 - 8 based on the declaration scope indicated above

1) Is any 3TG intentionally added or used in the product(s) or in the production process? (*)		Answer	Comments
Tantalum (*)		Yes	
Tin (*)		Yes	
Gold (*)		Yes	
Tungsten (*)		Yes	

2) Does any 3TG remain in the product(s)? (*)		Answer	Comments
Tantalum (*)		Yes	
Tin (*)		Yes	
Gold (*)		Yes	
Tungsten (*)		Yes	

3) Do any of the smelters in your supply chain source the 3TG from the covered countries? (SEC term, see definitions tab) (*)		Answer	Comments
Tantalum (*)		Yes	
Tin (*)		Yes	
Gold (*)		Yes	
Tungsten (*)		Yes	

4) Do any of the smelters in your supply chain source the 3TG from conflict-affected and high-risk areas? (*)		Answer	Comments
Tantalum (*)		Yes	
Tin (*)		Yes	
Gold (*)		Yes	
Tungsten (*)		Yes	

5) Does 100 percent of the 3TG (necessary to the functionality or production of your products) originate from recycled or scrap sources? (*)		Answer	Comments
Tantalum (*)		No	
Tin (*)		No	
Gold (*)		No	
Tungsten (*)		No	

6) What percentage of relevant suppliers have provided a response to your supply chain survey? (*)		Answer	Comments
Tantalum (*)		100%	
Tin (*)		100%	
Gold (*)		100%	
Tungsten (*)		100%	

7) Have you identified all of the smelters supplying the 3TG to your supply chain? (*)		Answer	Comments
Tantalum (*)		Yes	
Tin (*)		Yes	
Gold (*)		Yes	
Tungsten (*)		Yes	

8) Has all applicable smelter information received by your company been reported in this declaration? (*)

	Answer	Comments
Tantalum (*)	Yes	
Tin (*)	Yes	
Gold (*)	Yes	
Tungsten (*)	Yes	

Answer the Following Questions at a Company Level

Question	Answer	Comments
A. Have you established a responsible minerals sourcing policy? (*)	Yes	
B. Is your responsible minerals sourcing policy publicly available on your website? (Note – If yes, the user shall specify the URL in the comment field.) (*)	Yes	* Responsible Minerals Report : https://www.samsung.com/global/sustainability/policy-file/AYVh0raaBicAh95/Responsible_Minerals_Report_en.pdf
C. Do you require your direct suppliers to source the 3TG from smelters whose due diligence practices have been validated by an independent third party audit program? (*)	Yes	
D. Have you implemented due diligence measures for responsible sourcing? (*)	Yes	
E. Does your company conduct Conflict Minerals survey(s) of your relevant supplier(s)? (*)	Yes, in conformance with IPC1755 (e.g., C	
F. Do you review due diligence information received from your suppliers against your company's expectations? (*)	Yes	
G. Does your review process include corrective action management? (*)	Yes	
H. Is your company required to file an annual conflict minerals disclosure? (*)	No	

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The purpose of this document is to collect sourcing information on cobalt or natural mica. Revision 1.3 April 26, 2024 Link to Terms & Conditions	

Mandatory fields are noted with an asterisk (*). Consult the instructions tab for guidance on how to answer each question.

Company Information	
Company Name (*):	Samsung Electronics
Declaration Scope or Class (*):	A. Company
Description of Scope:	
Company Unique ID:	687967554
Company Unique ID Authority:	DUNS
Address:	129 Samseong-ro, Yeongtong-gu, Suwon, Korea #16677
Contact Name (*):	Samsung Electronics Conflict Minerals Manager
Email - Contact (*):	purchasingcm@samsung.com
Phone - Contact (*):	02-2255-0114
Authorizer (*):	Samsung Electronics Conflict Minerals Manager
Title - Authorizer:	
Email - Authorizer (*):	purchasingcm@samsung.com
Phone - Authorizer:	
Effective Date (*):	1-Jan-2025

Answer the following questions 1 - 7 based on the declaration scope indicated above

1) Is any of the cobalt or natural mica intentionally added or used in the product(s) or in the production process? (*)		
Cobalt(*)	Answer Yes	Comments
Mica(*)	Yes	
2) Does any cobalt or natural mica remain in the product(s)? (*)		
Cobalt(*)	Answer Yes	Comments
Mica(*)	Yes	
3) Do any of the smelters or processors in your supply chain source the cobalt or natural mica from conflict-affected and high-risk areas? (OECD Due Diligence Guidance, see definitions tab) (*)		
Cobalt(*)	Answer No	Comments
Mica(*)	Unknown	
4) Does 100 percent of the cobalt originate from recycled or scrap sources? (*)		
Cobalt(*)	Answer No	Comments
5) What percentage of relevant suppliers have provided a response to your supply chain survey? (*)		
Cobalt(*)	Answer Greater than 90%	Comments
Mica(*)	Greater than 90%	
6) Have you identified all of the smelters or processors supplying the cobalt or natural mica to your supply chain? (*)		
Cobalt(*)	Answer Yes	Comments
Mica(*)	Yes	
7) Has all applicable smelter or processor information received by your company been reported in this declaration? (*)		
Cobalt(*)	Answer Yes	Comments
Mica(*)	Yes	

Answer the Following Questions at a Company Level

Question	Answer	Comments
A. Have you established a responsible minerals sourcing policy? (*)	Yes	
B. Is your responsible minerals sourcing policy publicly available on your website? (Note - If yes, the user shall specify the URL in the comment field.) (*)	Yes	* https://www.samsung.com/global/sustainability/policy-file/AYVhOraaBICAlx95/Responsible_Minerals_Report_en.pdf
C. Do you require your direct suppliers to source cobalt from smelters or natural mica from processors whose due diligence practices have been validated by an independent third-party audit program? (*)	Cobalt(*) Yes Mica(*) No	
D. Have you implemented due diligence measures for responsible sourcing? (*)	No	
E. Does your company conduct cobalt and/or natural mica supply chain survey(s) of your relevant supplier(s)? (*)	Yes, in conformance with IPC1755 (e.g. EMRT)	
F. Do you review due diligence information received from your suppliers against your company's expectations? (*)	Yes	
G. Does your review process include corrective action management? (*)	Yes	



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Pilot Reporting Template (PRT)

English

Revision 1.1
October 27, 2023

The purpose of this document is to collect sourcing information on minerals/metals used in products.

Mandatory fields are noted with an asterisk (*). Consult the instructions tab for guidance on how to answer each question.

Company Information

Company Name (*):	Samsung Electronics				
Declaration Scope or Class (*):	A. Company				
Description of Scope:					
Enter Minerals/Metals in Scope (up to a maximum of 10)(*): This Declaration can include up to 10 minerals or metals.	Aluminium	Copper	Lithium	Nickel	Silver
	Chromium	Zinc			
Company Unique ID:	687967554				
Company Unique ID Authority:	DUNS				
Address:	129 Samseong-ro, Yeongtong-gu, Suwon, Korea #16677				
Contact Name (*):	Samsung Electronics Conflict Minerals Manager				
Email - Contact (*):	purchasingcm@samsung.com				
Phone - Contact (*):	02-2255-0114				
Authorizer (*):	Samsung Electronics Conflict Minerals Manager				
Title - Authorizer:					
Email - Authorizer (*):	purchasingcm@samsung.com				
Phone - Authorizer:					
Effective Date (*):	1-Jan-2025				

Answer the following questions 1 - 2 based on the declaration scope indicated above

1) Is any of the following minerals or metals intentionally added or used in the product(s) or in the production process? (*)

Answer	Comments
Aluminium(*)	Yes
Chromium(*)	Yes
Copper(*)	Yes
Lithium(*)	Yes
Nickel(*)	Yes
Silver(*)	Yes
Zinc(*)	Yes

2) What percentage of relevant suppliers have provided a response to your supply chain survey?

Answer	Comments
Aluminium	Greater than 75%
Chromium	Greater than 75%
Copper	Greater than 75%
Lithium	Greater than 75%
Nickel	Greater than 75%
Silver	Greater than 75%
Zinc	Greater than 75%

Smelter and Refiner List in Samsung Electronics' supply chain (as of 2024)

3TG Smelter and Refiner List

No	Metal	ID	Smelter Name	Location	RMAP Status	Direct Sourcing	Indirect Supplying Smelter Sourcing
1	Tantalum	CID000211	Changsha South Tantalum Niobium Co., Ltd.	China	Conformant	N/A	N/A
2	Tantalum	CID000291	Guangdong Rising Rare Metals-EO Materials Ltd.	China	Conformant	LR, HR, DRC.	N/A
3	Tantalum	CID000460	F&X Electro-Materials Ltd.	China	Conformant	HR, CC, DRC	N/A
4	Tantalum	CID000616	XIMEI RESOURCES (GUANGDONG) LIMITED	China	Conformant	LR, HR, CC, DRC	***
5	Tantalum	CID000914	JiuJiang JinXin Nonferrous Metals Co., Ltd.	China	Conformant	N/A	***
6	Tantalum	CID000917	Jiujiang Tanbre Co., Ltd.	China	Conformant	DRC, HR, LR, CC ,R/S	LR, HR, CC, DRC
7	Tantalum	CID001076	AMG Brasil	Brazil	Conformant	LR, HR	N/A
8	Tantalum	CID001163	Metallurgical Products India Pvt, Ltd.	India	Conformant	LR, R/S	LR
9	Tantalum	CID001175	Mineracao Taboca S.A.	Brazil	Conformant	LR	N/A
10	Tantalum	CID001192	Mitsui Mining and Smelting Co., Ltd.	Japan	Conformant	HR, CC, R/S	N/A
11	Tantalum	CID001200	NPM Silmet AS	Estonia	Conformant	R/S, LR	LR, HR, DRC, CC, R/S
12	Tantalum	CID001277	Ningxia Orient Tantalum Industry Co., Ltd.	China	Conformant	LR, HR, DRC, CC	***
13	Tantalum	CID001508	QuantumClean	USA	Conformant	R/S	N/A
14	Tantalum	CID001522	Yanling Jincheng Tantalum & Niobium Co., Ltd.	China	Conformant	R/S	***
15	Tantalum	CID001869	Taki Chemical Co., Ltd.	Japan	Conformant	R/S	N/A
16	Tantalum	CID001891	Telex Metals	USA	Conformant	R/S	LR, HR, DRC, CC, R/S
17	Tantalum	CID001969	Ulba Metallurgical Plant JSC	Kazakhstan	Conformant	HR, DRC, CC, R/S	N/A
18	Tantalum	CID002492	Hengyang King Xing Lifeng New Materials Co., Ltd.	China	Conformant	LR	N/A
19	Tantalum	CID002504	D Block Metals, LLC	USA	Conformant	R/S, LR	LR, CC, DRC, R/S, HR
20	Tantalum	CID002505	FIR Metals & Resource Ltd.	China	Conformant	R/S	***
21	Tantalum	CID002506	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	China	Conformant	HR,CC	N/A
22	Tantalum	CID002508	XinXing HaoRong Electronic Material Co., Ltd.	China	Conformant	LR	***
23	Tantalum	CID002512	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	China	Conformant	LR	N/A
24	Tantalum	CID002539	KEMET de Mexico	Mexico	Conformant	R/S	LR, CC, DRC, HR, R/S
25	Tantalum	CID002544	TANIOBIS Co., Ltd.	Thailand	Conformant	LR, CC, DRC, HR	LR, HR, CC, DRC
26	Tantalum	CID002545	TANIOBIS GmbH	Germany	Conformant	LR, CC, DRC, HR	LR, R/S
27	Tantalum	CID002547	QSIL Metals Hermsdorf GmbH	Germany	Conformant	N/A	N/A

No	Metal	ID	Smelter Name	Location	RMAP Status	Direct Sourcing	Indirect Supplying Smelter Sourcing
28	Tantalum	CID002548	Materion Newton Inc.	USA	Conformant	LR,HR R/S	LR, HR, CC, DRC, R/S
29	Tantalum	CID002549	TANIOBIS Japan Co., Ltd.	Japan	Conformant	N/A	LR, CC, HR, DRC
30	Tantalum	CID002550	TANIOBIS Smelting GmbH & Co. KG	Germany	Conformant	LR, HR	LR, CC, HR, DRC, R/S
31	Tantalum	CID002557	Global Advanced Metals Boyertown	USA	Conformant	LR, R/S	LR, R/S
32	Tantalum	CID002558	Global Advanced Metals Aizu	Japan	Conformant	N/A	LR, R/S
33	Tantalum	CID002705	Avon Specialty Metals Ltd.	United Kingdom	Conformant	N/A	N/A
34	Tantalum	CID002707	Resind Industria e Comercio Ltda.	Brazil	Conformant	HR	LR, HR, R/S
35	Tantalum	CID002842	Jiangxi Tuohong New Raw Material	China	Conformant	LR	LR, HR, DRC, CC
36	Tantalum	CID003159	RFH Recycling Metals Co., Ltd.	China	Conformant	N/A	N/A
37	Tantalum	CID003191	Jiujiang Janny New Material Co., Ltd.	China	Conformant	N/A	N/A
38	Tantalum	CID003498	V&D New Materials (Jiangsu) Co., Ltd.	China	Conformant	N/A	N/A
39	Tantalum	CID003583	RFH Yancheng Jinye New Material Technology Co., Ltd.	China	Conformant	LR	N/A
40	Tantalum	CID003973	XIMEI RESOURCES(GUIZHOU) TECHNOLOGY CO., LTD.	China	Conformant	N/A	N/A
41	Tantalum	CID004054	PowerX Ltd.	Rwanda	Conformant	HR, CC	N/A
42	Tin	CID000228	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	China	Conformant	N/A	N/A
43	Tin	CID000292	Alpha Assembly Solutions Inc	USA	Conformant	LR, R/S	LR, CC, DRC, HR, R/S
44	Tin	CID000309	PT Aries Kencana Sejahtera	Indonesia	Conformant	LR	N/A
45	Tin	CID000313	PT Premium Tin Indonesia	Indonesia	Conformant	LR	N/A
46	Tin	CID000402	Dowa	Japan	Conformant	R/S	N/A
47	Tin	CID000438	EM Vinto	Bolivia	Conformant	LR	N/A
48	Tin	CID000448	Estanho de Rondonia S.A.	Brazil	Conformant	HR	N/A
49	Tin	CID000466	Feinhutte Halsbrucke GmbH	Germany	Conformant	N/A	N/A
50	Tin	CID000468	Fenix Metals	Poland	Conformant	R/S	LR, HR, CC, DRC, R/S
51	Tin	CID000538	Gejiu Non-Ferrous Metal Processing Co., Ltd.	China	Conformant	LR	N/A
52	Tin	CID001070	China Tin Group Co., Ltd.	China	Conformant	LR, R/S	***
53	Tin	CID001105	Malaysia Smelting Corporation (MSC)	Malaysia	Conformant	LR, HR, CC, DRC, R/S	N/A
54	Tin	CID001142	Metallic Resources, Inc.	USA	Conformant	LR, R/S	LR, R/S
55	Tin	CID001173	Mineracao Taboca S.A.	Brazil	Conformant	LR	LR
56	Tin	CID001182	Minsur	Perú	Conformant	LR	N/A
57	Tin	CID001191	Mitsubishi Materials Corporation	Japan	Conformant	R/S	N/A
58	Tin	CID001231	Jiangxi New Nanshan Technology Ltd.	China	Conformant	LR, R/S	LR
59	Tin	CID001314	O.M. Manufacturing (Thailand) Co., Ltd.	Thailand	Conformant	R/S	N/A
60	Tin	CID001337	Operaciones Metalurgicas S.A.	Bolivia	Conformant	LR	N/A

No	Metal	ID	Smelter Name	Location	RMAP Status	Direct Sourcing	Indirect Supplying Smelter Sourcing
61	Tin	CID001399	PT Artha Cipta Langgeng	Indonesia	Conformant	LR	N/A
62	Tin	CID001402	PT Babel Inti Perkasa	Indonesia	Conformant	LR	N/A
63	Tin	CID001406	PT Babel Surya Alam Lestari	Indonesia	Conformant	LR	N/A
64	Tin	CID001419	PT Bangka Tin Industry	Indonesia	Conformant	LR	N/A
65	Tin	CID001421	PT Belitung Industri Sejahtera	Indonesia	Conformant	LR	N/A
66	Tin	CID001428	PT Bukit Timah	Indonesia	Conformant	LR	N/A
67	Tin	CID001453	PT Mitra Stania Prima	Indonesia	Conformant	LR	N/A
68	Tin	CID001458	PT Prima Timah Utama	Indonesia	Conformant	LR	N/A
69	Tin	CID001460	PT Refined Bangka Tin	Indonesia	Conformant	LR	N/A
70	Tin	CID001463	PT Sariwiguna Binasentosa	Indonesia	Conformant	LR	N/A
71	Tin	CID001468	PT Stanindo Inti Perkasa	Indonesia	Conformant	LR	N/A
72	Tin	CID001477	PT Timah Tbk Kundur	Indonesia	Conformant	LR	N/A
73	Tin	CID001482	PT Timah Tbk Mentok	Indonesia	Conformant	LR	N/A
74	Tin	CID001486	PT Timah Nusantara	Indonesia	Conformant	LR	N/A
75	Tin	CID001490	PT Tinindo Inter Nusa	Indonesia	Conformant	LR	N/A
76	Tin	CID001493	PT Tommy Utama	Indonesia	Conformant	LR	LR
77	Tin	CID001539	Rui Da Hung	Taiwan	Conformant	LR, R/S	N/A
78	Tin	CID001758	Soft Metais Ltda.	Brazil	Conformant	N/A	N/A
79	Tin	CID001898	Thaisarco	Thailand	Conformant	LR, CC, HR, DRC, R/S	LR, HR, CC, DRC, R/S
80	Tin	CID002036	White Solder Metalurgia e Mineracao Ltda.	Brazil	Conformant	LR	N/A
81	Tin	CID002158	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	China	Conformant	LR	LR
82	Tin	CID002180	Tin Smelting Branch of Yunnan Tin Co., Ltd.	China	Conformant	LR, HR, CC, DRC, R/S	***
83	Tin	CID002455	CV Venus Inti Perkasa	Indonesia	Conformant	LR	N/A
84	Tin	CID002468	Magnu's Minerais Metais e Ligas Ltda.	Brazil	Conformant	R/S, HR	N/A
85	Tin	CID002503	PT ATD Makmur Mandiri Jaya	Indonesia	Conformant	LR	N/A
86	Tin	CID002517	O.M. Manufacturing Philippines, Inc.	Philippines	Conformant	R/S	LR, R/S
87	Tin	CID002570	CV Ayi Jaya	Indonesia	Conformant	LR	N/A
88	Tin	CID002593	PT Rajehan Ariq	Indonesia	Conformant	LR	N/A
89	Tin	CID002696	PT Cipta Persada Mulia	Indonesia	Conformant	LR	N/A
90	Tin	CID002706	Resind Industria e Comercio Ltda.	Brazil	Conformant	HR	LR, HR, R/S
91	Tin	CID002756	Super Ligas	BRAZIL	Conformant	HR	N/A
92	Tin	CID002773	Aurubis Beerse	Belgium	Conformant	R/S	LR, CC, HR, DRC, R/S
93	Tin	CID002774	Aurubis Berango	Spain	Conformant	R/S, LR	R/S
94	Tin	CID002776	PT Bangka Prima Tin	Indonesia	Conformant	LR	N/A
95	Tin	CID002816	PT Sukses Inti Makmur (SIM)	Indonesia	Conformant	LR	N/A
96	Tin	CID002835	PT Menara Cipta Mulia	Indonesia	Conformant	LR	N/A

No	Metal	ID	Smelter Name	Location	RMAP Status	Direct Sourcing	Indirect Supplying Smelter Sourcing
97	Tin	CID002844	HuiChang Hill Tin Industry Co., Ltd.	China	Conformant	LR	N/A
98	Tin	CID003116	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	China	Conformant	LR, R/S	LR, R/S
99	Tin	CID003190	Chifeng Dajingzi Tin Industry Co., Ltd.	China	Conformant	LR, R/S	N/A
100	Tin	CID003205	PT Bangka Serumpun	Indonesia	Conformant	LR	N/A
101	Tin	CID003325	Tin Technology & Refining	USA	Conformant	R/S	LR, R/S
102	Tin	CID003381	PT Rajawali Rimba Perkasa	Indonesia	Conformant	LR	N/A
103	Tin	CID003387	Luna Smelter, Ltd.	Rwanda	Conformant	HR, CC	N/A
104	Tin	CID003397	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	China	Conformant	LR	N/A
105	Tin	CID003449	PT Mitra Sukses Globalindo	Indonesia	Conformant	LR	N/A
106	Tin	CID003474	TRATHO Metal Quimica	Brazil	Conformant	N/A	N/A
107	Tin	CID003486	CRM Fundacao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda	Brazil	Conformant	R/S	N/A
108	Tin	CID003524	CRM Synergies	Spain	Conformant	R/S	N/A
109	Tin	CID003582	Fabrica Auricchio Industria e Comercio Ltda.	Brazil	Conformant	N/A	N/A
110	Tin	CID003831	DS Myanmar	Myanmar	Conformant	HR, R/S	LR, HR, CC, DRC, R/S
111	Tin	CID003868	PT Putera Sarana Shakti (PT PSS)	Indonesia	Conformant	LR	N/A
112	Tin	CID004065	Mining Minerals Resources SARL	DRC	Conformant	DRC	N/A
113	Tin	CID004403	Takehara PVD Materials Plant / PVD Materials Division of MITSUI MINING & SMELTING CO., LTD.	Japan	Conformant	N/A	N/A
114	Tin	CID004434	Malaysia Smelting Corporation Berhad (Port Klang)	Malaysia	Conformant	LR, CC, HR, DRC	N/A
115	Tin	CID004724	Woodcross Smelting Company Limited	Uganda	Conformant	HR, CC	N/A
116	Tungsten	CID000004	A.L.M.T. Corp.	Japan	Conformant	See aggregated data below for TI-CMC Sourcing	R/S, LR, HR, DRC, CC, See aggregated data below for TI-CMC Sourcing
117	Tungsten	CID000105	Kennametal Huntsville	USA	Conformant	See aggregated data below for TI-CMC Sourcing	HR, CC, R/S
118	Tungsten	CID000218	Guangdong Xianglu Tungsten Co., Ltd.	China	Conformant	LR	N/A
119	Tungsten	CID000258	Chongyi Zhangyuan Tungsten Co., Ltd.	China	Conformant	LR	***
120	Tungsten	CID000568	Global Tungsten & Powders LLC	USA	Conformant	See aggregated data below for TI-CMC Sourcing	See aggregated data below for TI-CMC Sourcing
121	Tungsten	CID000766	Hunan Chenzhou Mining Co., Ltd.	China	Conformant	LR	N/A
122	Tungsten	CID000825	Japan New Metals Co., Ltd.	Japan	Conformant	R/S	LR, HR, DRC, CC, R/S; See aggregated data below for TI-CMC Sourcing
123	Tungsten	CID000966	Kennametal Fallon	USA	Conformant	See aggregated data below for TI-CMC Sourcing	N/A

No	Metal	ID	Smelter Name	Location	RMAP Status	Direct Sourcing	Indirect Supplying Smelter Sourcing
124	Tungsten	CID002044	Wolfram Bergbau und Hutten AG	Austria	Conformant	CC, R/S, See aggregated data below for TI-CMC Sourcing	See aggregated data below for TI-CMC Sourcing
125	Tungsten	CID002082	Xiamen Tungsten Co., Ltd.	China	Conformant	LR	LR, See aggregated data below for TI-CMC Sourcing
126	Tungsten	CID002315	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	China	Conformant	LR, R/S	N/A
127	Tungsten	CID002316	Jiangxi Yaosheng Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	See aggregated data below for TI-CMC Sourcing
128	Tungsten	CID002317	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	See aggregated data below for TI-CMC Sourcing
129	Tungsten	CID002318	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	See aggregated data below for TI-CMC Sourcing
130	Tungsten	CID002319	Malipo Haiyu Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
131	Tungsten	CID002320	Xiamen Tungsten (H.C.) Co., Ltd.	China	Conformant	DRC, HR, CC, LR, R/S	***
132	Tungsten	CID002321	Jiangxi Gan Bei Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	LR; Additionally, see aggregated data below for TI-CMC Sourcing
133	Tungsten	CID002494	Ganzhou Seadragon W & Mo Co., Ltd.	China	Conformant	LR	***
134	Tungsten	CID002502	Asia Tungsten Products Vietnam Ltd.	Vietnam	Conformant	HR,CC, R/S	N/A
135	Tungsten	CID002513	Hunan Shizhuyuan Nonferrous Metals Co., Ltd. Chenzhou Tungsten Products Branch	China	Conformant	See aggregated data below for TI-CMC Sourcing	See aggregated data below for TI-CMC Sourcing
136	Tungsten	CID002541	H.C. Starck Tungsten GmbH	Germany	Conformant	R/S	LR, HR, DRC, CC; See aggregated data below for TI-CMC Sourcing
137	Tungsten	CID002542	TANIOBIS Smelting GmbH & Co. KG	Germany	Conformant	LR, HR, CC	LR, CC, HR, DRC, R/S
138	Tungsten	CID002543	Masan High-Tech Materials	Vietnam	Conformant	LR, HR, DRC, CC;	R/S;
139	Tungsten	CID002551	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	See aggregated data below for TI-CMC Sourcing
140	Tungsten	CID002589	Niagara Refining LLC	USA	Conformant	LR	R/S
141	Tungsten	CID002641	China Molybdenum Tungsten Co., Ltd.	China	Conformant	LR	N/A
142	Tungsten	CID002704	Avon Specialty Metals Ltd.	United Kingdom	Conformant	N/A	N/A
143	Tungsten	CID002827	Philippine Chuangxin Industrial Co., Inc.	Philippines	Conformant	See aggregated data below for TI-CMC Sourcing	N/A
144	Tungsten	CID003407	Lianyou Metals Co., Ltd.	Taiwan	Conformant	R/S	N/A
145	Tungsten	CID003417	Hubei Green Tungsten Co., Ltd.	China	Conformant	R/S	N/A
146	Tungsten	CID003468	Cronimet Brasil Ltda	Brazil	Conformant	LR	N/A
147	Tungsten	CID003580	Ganzhou Sunny Non-Ferrous Metals Co., Ltd.	China	Conformant	N/A	N/A

No	Metal	ID	Smelter Name	Location	RMAP Status	Direct Sourcing	Indirect Supplying Smelter Sourcing
148	Tungsten	CID003609	Fujian Xinlu Tungsten Co., Ltd.	China	Conformant	See aggregated data below for TI-CMC Sourcing	LR, R/S and Mined (See aggregated data below for TI-CMC Sourcing)
149	Tungsten	CID003993	Tungsten Vietnam Joint Stock Company	Vietnam	Conformant	LR, R/S	N/A
150	Tungsten	CID004397	Lianyou Resources Co., Ltd.	Taiwan	Conformant	R/S	R/S
151	Tungsten	CID004430	Shinwon Tungsten (Fujian Shanghang) Co., Ltd.	China	Conformant	LR, R/S	N/A
152	Tungsten	CID004797	Philippine Bonway Manufacturing Industrial Corporation	Philippines	Conformant	R/S	N/A
153	Gold	CID000015	Advanced Chemical Company	USA	Conformant	R/S, LR	See aggregated data below LBMA Good Delivery Sourcing and RJC Sourcing
154	Gold	CID000019	Aida Chemical Industries Co., Ltd.	Japan	Conformant	R/S, See aggregated data below for LBMA	R/S, See aggregated data below for LBMA
155	Gold	CID000035	Agosi AG	Germany	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
156	Gold	CID000041	Almalyk Mining and Metallurgical Complex (AMMC)	Uzbekistan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
157	Gold	CID000058	AngloGold Ashanti Corrego do Sitio Mineracao	Brazil	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
158	Gold	CID000077	Argor-Heraeus S.A.	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
159	Gold	CID000082	ASAHI METALFINE, Inc.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
160	Gold	CID000090	Asaka Riken Co., Ltd.	Japan	Conformant	R/S	N/A
161	Gold	CID000113	Aurubis AG	Germany	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
162	Gold	CID000128	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	Philippines	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
163	Gold	CID000157	Boliden Ronnskar	Sweden	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
164	Gold	CID000176	C. Hafner GmbH + Co. KG	Germany	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
165	Gold	CID000185	CCR Refinery - Glencore Canada Corporation	Canada	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
166	Gold	CID000233	Chimet S.p.A.	Italy	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
167	Gold	CID000264	Chugai Mining	Japan	Conformant	R/S, See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	R/S, See aggregated data below for LBMA Good Delivery Sourcing

No	Metal	ID	Smelter Name	Location	RMAP Status	Direct Sourcing	Indirect Supplying Smelter Sourcing
168	Gold	CID000359	DSC (Do Sung Corporation)	Korea, Republic of	Conformant	R/S	N/A
169	Gold	CID000401	Dowa	Japan	Conformant	LR, HR, R/S	R/S, See aggregated data below for LBMA Good Delivery Sourcing
170	Gold	CID000425	Eco-System Recycling Co., Ltd. East Plant	Japan	Conformant	R/S	R/S, See aggregated data below for LBMA Good Delivery Sourcing
171	Gold	CID000689	LT Metal Ltd.	Korea, Republic of	Conformant	R/S	LR, See aggregated data below for LBMA Good Delivery Sourcing
172	Gold	CID000694	Heimerle + Meule GmbH	Germany	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
173	Gold	CID000707	Heraeus Metals Hong Kong Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
174	Gold	CID000711	Heraeus Germany GmbH Co. KG	Germany	Conformant	LR, R/S, Additionally, See aggregated data below for RJC Sourcing	See aggregated data below for RJC Sourcing
175	Gold	CID000801	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
176	Gold	CID000807	Ishifuku Metal Industry Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
177	Gold	CID000814	Istanbul Gold Refinery	Turkey	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
178	Gold	CID000823	Japan Mint	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
179	Gold	CID000855	Jiangxi Copper Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
180	Gold	CID000920	Asahi Refining USA Inc.	USA	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
181	Gold	CID000924	Asahi Refining Canada Ltd.	Canada	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
182	Gold	CID000937	JX Nippon Mining & Metals Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
183	Gold	CID000957	Kazzinc	Kazakhstan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
184	Gold	CID000969	Kennecott Utah Copper LLC	USA	Conformant	N/A	N/A
185	Gold	CID000981	Kojima Chemicals Co., Ltd.	Japan	Conformant	R/S	R/S; Additionally, see aggregated data below for LBMA Good Delivery Sourcing
186	Gold	CID001078	LS MnM Inc.	Korea, Republic of	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A

No	Metal	ID	Smelter Name	Location	RMAP Status	Direct Sourcing	Indirect Supplying Smelter Sourcing
187	Gold	CID001113	Materion	USA	Conformant	R/S	See aggregated data below for LBMA Good Delivery Sourcing
188	Gold	CID001119	Matsuda Sangyo Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
189	Gold	CID001147	Metalor Technologies (Suzhou) Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
190	Gold	CID001149	Metalor Technologies (Hong Kong) Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
191	Gold	CID001152	Metalor Technologies (Singapore) Pte., Ltd.	Singapore	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
192	Gold	CID001153	Metalor Technologies S.A.	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
193	Gold	CID001157	Metalor USA Refining Corporation	USA	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
194	Gold	CID001161	Metalurgica Met-Mex Penoles S.A. De C.V.	Mexico	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
195	Gold	CID001188	Mitsubishi Materials Corporation	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
196	Gold	CID001193	Mitsui Mining and Smelting Co., Ltd.	Japan	Conformant	LR, R/S	See aggregated data below for LBMA Good Delivery Sourcing
197	Gold	CID001220	Nadir Metal Rafineri San. Ve Tic. A.S.	Turkey	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
198	Gold	CID001236	Navoi Mining and Metallurgical Combinat	Uzbekistan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
199	Gold	CID001259	Nihon Material Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
200	Gold	CID001325	Ohura Precious Metal Industry Co., Ltd.	Japan	Conformant	R/S, LR	R/S, See aggregated data below for LBMA Good Delivery Sourcing
201	Gold	CID001352	MKS PAMP SA	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
202	Gold	CID001397	PT Aneka Tambang (Persero) Tbk	Indonesia	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
203	Gold	CID001498	PX Precinox S.A.	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
204	Gold	CID001512	Rand Refinery (Pty) Ltd.	South Africa	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
205	Gold	CID001534	Royal Canadian Mint	Canada	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A

No	Metal	ID	Smelter Name	Location	RMAP Status	Direct Sourcing	Indirect Supplying Smelter Sourcing
206	Gold	CID001585	SEMPSA Joyeria Plateria S.A.	Spain	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
207	Gold	CID001622	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
208	Gold	CID001736	Sichuan Tianze Precious Metals Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
209	Gold	CID001761	Solar Applied Materials Technology Corp.	Taiwan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
210	Gold	CID001798	Sumitomo Metal Mining Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
211	Gold	CID001875	Tanaka Kikinzoku Kogyo K.K.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
212	Gold	CID001916	Shandong Gold Smelting Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
213	Gold	CID001938	Tokuriki Honten Co., Ltd.	Japan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
214	Gold	CID001955	Torecom	Korea, Republic of	Conformant	N/A	N/A
215	Gold	CID001980	Umicore S.A. Business Unit Precious Metals Refining	Belgium	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
216	Gold	CID001993	United Precious Metal Refining, Inc.	USA	Conformant	R/S, HR	N/A
217	Gold	CID002003	Valcambi S.A.	Switzerland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
218	Gold	CID002030	Western Australian Mint (T/a The Perth Mint)	Australia	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
219	Gold	CID002100	Yamakin Co., Ltd.	Japan	Conformant	R/S	R/S; Additionally, see aggregated data below for LBMA Good Delivery Sourcing
220	Gold	CID002129	Yokohama Metal Co., Ltd.	Japan	Conformant	R/S	R/S, Additionally, see aggregated data below for LBMA Good Delivery Sourcing
221	Gold	CID002224	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
222	Gold	CID002243	Gold Refinery of Zijin Mining Group Co., Ltd.	China	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
223	Gold	CID002290	SAFINA A.S.	Czechia	Conformant	R/S, LR, Additionally, See aggregated data below for RJC Sourcing	L/R, R/S; Additionally, See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing
224	Gold	CID002509	MMTC-PAMP India Pvt., Ltd.	India	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A

No	Metal	ID	Smelter Name	Location	RMAP Status	Direct Sourcing	Indirect Supplying Smelter Sourcing
225	Gold	CID002511	KGHM Polska Miedz Spolka Akcyjna	Poland	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
226	Gold	CID002580	T.C.A S.p.A	Italy	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
227	Gold	CID002582	REMONDIS PMR B.V.	Netherland	Conformant	R/S	N/A
228	Gold	CID002605	Korea Zinc Co., Ltd.	Korea, Republic of	Conformant	LR, R/S	N/A
229	Gold	CID002615	TOO Tau-Ken-Altyn	Kazakhstan	Conformant	See aggregated data below for LBMA Good Delivery Sourcing	N/A
230	Gold	CID002708	Abington Reldan Metals, LLC	USA	Conformant	HR, R/S	N/A
231	Gold	CID002762	L'Orfebre S.A.	Andorra	Conformant	N/A	N/A
232	Gold	CID002765	Italpreziosi	Italy	Conformant	See aggregated data below for LBMA Good Delivery Sourcing and RJC Sourcing	N/A
233	Gold	CID002778	WIELAND Edelmetalle GmbH	Germany	Conformant	R/S	N/A
234	Gold	CID002779	Ogussa Österreichische Gold- und Silber-Scheideanstalt GmbH	Austria	Conformant	N/A	N/A
235	Gold	CID002918	SungEel HiMetal Co., Ltd.	Korea, Republic of	Conformant	R/S	N/A
236	Gold	CID002919	Planta Recuperadora de Metales SpA	Chile	Conformant	LR	N/A
237	Gold	CID003189	NH Recytech Company	Korea, Republic of	Conformant	LR, R/S	N/A
238	Gold	CID003424	Eco-System Recycling Co., Ltd. North Plant	Japan	Conformant	R/S	N/A
239	Gold	CID003425	Eco-System Recycling Co., Ltd. West Plant	Japan	Conformant	R/S	N/A
240	Gold	CID003575	Metal Concentrators SA (Pty) Ltd.	South Africa	Conformant	See aggregated data below for RJC Sourcing	N/A
241	Gold	CID003615	WEEEREFINING	France	Conformant	HR, LR, R/S	R/S
242	Gold	CID003641	Gold by Gold Colombia	Colombia	Conformant	HR, R/S	N/A
243	Gold	CID004010	Coimpa Industrial LTDA	Brazil	Conformant	HR	N/A

* Source: RMI Database Export 2025-03-28

* Data Key

CC	Covered countries are the 9 countries adjoining the Democratic Republic of Congo.
DRC	The Democratic Republic of Congo
Low Risk (LR)	Countries identified by smelters and refiners as low-risk. Those marked with an ** have been disclosed by some smelters to be low-risk but disclosed by other smelters to be high-risk.
High Risk (HR)	Countries identified by smelters and refiners as Conflict-Affected and High-Risk (HR). Those marked with an ** have been disclosed by some smelters to be low-risk but disclosed by other smelters to be high-risk.
Recycled Scrap (R/S)	Secondary sources of material (non-mined) Gold only: Those followed by (HR) have been disclosed by refiners to be high-risk. Those followed with an ** have been disclosed by some refiners to be low-risk but disclosed by other refiners to be high-risk.

Known Countries from which Conformant Gold Refiners Source

CC	Tanzania
DRC	
Low Risk (LR)	Benin, Brazil**, Canada, Chile, Guyana, Papua New Guinea, Philippines, South Africa, Sweden, Uzbekistan, Japan
High Risk (HR)	Brazil**, Colombia, Nicaragua, Niger, Peru, Tanzania, Zimbabwe
Recycled Scrap (R/S)	Antigua and Barbuda , Andorra, Australia, Austria, Bahamas, Barbados, Belgium, Benin, Bosnia and Herzegovina, Brazil**, Bulgaria, Burkina Faso (HR), Cameroon (HR), Canada, Cayman Islands**, Chile**, China**, Chinese Taipei, Colombia**, Costa Rica, Côte d'Ivoire, Curacao, Czech Republic, Denmark, Dominica, Dominican Republic**, Ecuador (HR), Egypt(HR), El Salvador (HR), France, Germany, Greece, Grenada, Guatemala (HR), Honduras (HR), Hong Kong, Hungary, India**, Indonesia, Ireland, Israel, Italy , Jamaica (HR), Japan, Jordan, Korea, Republic of, Lithuania, Luxembourg, Malaysia**, Mali (HR), Mexico**, Netherlands, New Zealand, Niger (HR), Nigeria (HR), Oman, Panama**, Peru **, Philippines**, Poland, Portugal, Puerto Rico (HR), Romania, Saint Kitts and Nevis, Saint Vincent and Grenadines, Senegal, Serbia, Singapore, Sint Maarten, Slovakia, Slovenia, South Africa **, South Korea, Spain, Sri Lanka , Sweden, Switzerland, Thailand**, Trinidad and Tobago (HR), Turkey (HR), United Arab Emirates**, United Kingdom, United States of America, Uruguay, Uzbekistan, Venezuela (HR), Vietnam

Known Countries from which LBMA Good Delivery List Refiners Source - Mined Material (Provided by LBMA)

All COI	Argentina, Australia, Azerbaijan, Bolivia (Plurinational State of), Bosnia and Herzegovina, Belgium, Brazil, Bulgaria, Burkina Faso, Cambodia, Canada, Chile, China, Colombia, Côte d'Ivoire, Dominican Republic, Ecuador, Egypt, Eswatini, Fiji, Finland, France, French Guiana, Georgia, Germany, Ghana, Greece, Guinea, Guyana, Honduras, Hong Kong, Italy, Indonesia, Japan, Kazakhstan, Kenya, Korea, Republic of, Kyrgyzstan, Lao People's, Democratic Republic, Liberia, Madagascar, Malaysia, Mali, Mauritania, Mexico, Mongolia, Morocco, Mozambique, Namibia, New Zealand, Nicaragua, Nigeria, Panama, Papua New Guinea, Peru, Philippines, Saudi Arabia, Senegal, Slovakia, Solomon Islands, South Africa, Spain, Sudan, Suriname, Sweden, Tajikistan, Turkey, United States of America, Uzbekistan
CC	Tanzania, Zambia
DRC	Congo, Democratic Republic of the

Known Countries from which LBMA Good Delivery List Refiners Source - Recycled Material (Provided by LBMA)

All COI	Albania, Algeria, Argentina, Andorra, Australia, Austria, Azerbaijan, Bangladesh, Belgium, Bosnia and Herzegovina, Brazil, Bulgaria, Burkina Faso, Cameroon, Canada, Chile, China, Chinese Taipei, Colombia, Costa Rica, Côte d'Ivoire, Croatia, Czech Republic, Denmark, Ecuador, Egypt, El Salvador, Estonia, Ethiopia, Finland, France, Georgia, Germany, Ghana, Greece, Guinea, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Ireland, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Korea, Republic of, Kuwait, Kyrgyzstan, Latvia, Lebanon, Liechtenstein, Lithuania, Luxembourg, Macao, Malaysia, Malta, Mexico, Mongolia, Moldova, Republic of, Morocco, Netherlands, New Zealand, Nicaragua, Nigeria, Norway, Panama, Peru, Philippines, Poland, Portugal, Romania, Serbia, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Tajikistan, Thailand, Timore-Leste, Togo, Trinidad and Tobago, Tunisia, Turkey, United Arab Emirates, United Kingdom of Great Britain and Northern Ireland, United States of America, Uruguay, Uzbekistan, Viet Nam, Zimbabwe
CC	Uganda, Zambia, Angola
DRC	

Known Countries from which RJC Refiners Source - Mined Material (Provided by RJC)

All COI	Argentina, Australia, Azerbaijan, Bolivia, Botswana, Brazil, Burkina Faso, Canada, Chile, Colombia, Dominican Republic, Ecuador, Finland, French Guiana, Ghana, Guyana, Honduras, Lao People's Democratic Republic, Liberia, Mali, Mexico, Mongolia, Morocco, Mozambique, Nicaragua, Niger, Papua New Guinea, Peru, Philippines, Saudi Arabia, Senegal, South Africa, Sudan, Thailand, United States of America, Zimbabwe
CC	Tanzania
DRC	

Known Countries from which Conformant Tantalum Smelters Source

Please refer to the Data Key above for descriptions of each RCOI designation.

CC	Rwanda, Burundi
DRC	Congo, Democratic Republic of the
Low Risk (LR)	Australia, Brazil**, China, France, Madagascar, Mozambique**, Nigeria**, Sierra Leone, Spain, Thailand
High Risk (HR)	Brazil**, Burundi, Congo, Democratic Republic of the, Ethiopia, Mozambique**, Nigeria**, Rwanda, Zimbabwe
Recycled Scrap (R/S)	Belarus, Canada, China, Chinese Taipei, Czech Republic, El Salvador, Estonia, France, Germany, Hong Kong, India, Indonesia, Ireland, Israel, Japan, Kazakhstan, Korea, Republic of, Mexico, Russia, Singapore, Thailand, United Kingdom of Great Britain and Northern Ireland, United States of America

Known Countries from which Conformant Tin Smelters Source

Please refer to the Data Key above for descriptions of each RCOI designation.

CC	Burundi, Rwanda, Tanzania, Uganda
DRC	Congo, Democratic Republic of the
Low Risk (LR)	Australia, Bolivia**, Brazil**, China, Indonesia, Laos, Malaysia, Mongolia, Myanmar**, Namibia, Peru, Portugal, Spain, Vietnam
High Risk (HR)	Bolivia**, Brazil**, Burundi, Congo, Democratic Republic of the, Myanmar**, Nigeria, Rwanda, Tanzania, Thailand, Zambia, Uganda
Recycled Scrap (R/S)	Argentina, Australia, Austria, Belgium, Brazil, Bulgaria, Canada, Chile, China, Chinese Taipei, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hong Kong, Hungary, India, Indonesia, Ireland, Israel, Italy, Japan, Latvia, Lithuania, Luxembourg, Malaysia, Malta, Mexico, Morocco, Netherlands, New Zealand, Nigeria, Peru, Philippines, Poland, Portugal, Puerto Rico, Romania, Russia, Serbia, Singapore, Slovakia, Slovenia, South Africa, Korea, Republic of, Spain, Sweden, Switzerland, Thailand, Tunisia, Turkey, Ukraine, United Arab Emirates, United Kingdom of Great Britain and Northern Ireland, United States of America, Uruguay

Known Countries from which Conformant Tungsten Industry–Conflict Minerals Council (TI-CMC) Smelters Source - Mined Material
(Provided by TI-CMC)

All COI	Australia, Austria, Bolivia, Brazil, China, Kazakhstan , Malaysia, Mexico, Mongolia, Myanmar, Nigeria, Portugal, Russia, Spain, Thailand, United Kingdom of Great Britain and Northern Ireland, United States of America, Vietnam
CC	Burundi, Rwanda, Uganda, Tanzania
DRC	Congo, Democratic Republic of the

Known Countries from which Conformant Tungsten Smelters Source

Please refer to the Data Key above for descriptions of each RCOI designation.

CC	Burundi, Rwanda, Tanzania
DRC	Congo, Democratic Republic of the
Low Risk (LR)	Australia, Bolivia, Brazil, China, Malaysia, Mongolia, Portugal, Spain, Thailand, United Kingdom, United States of America, Vietnam
High Risk (HR)	Rwanda, Bolivia**, Burundi, Congo, Democratic Republic of the, Myanmar, Russia, Tanzania, Vietnam**
Recycled Scrap (R/S)	Austria, Brazil, Canada, China, Chinese Taipei, France, Germany, India, Ireland, Israel, Japan, Korea, Republic of, Malaysia, Netherlands, Singapore, South Africa, Spain, Switzerland, Thailand, Turkey, Ukraine, United Arab Emirates, United Kingdom, United States of America, Vietnam

Known Countries from which Conformant Cobalt Refiners Source

Please refer to the Data Key above for descriptions of each RCOI designation.

CC	Zambia
DRC	Congo, Democratic Republic of the
Low Risk (LR)	Australia, Brazil, Canada, China, Finland, Indonesia, Madagascar, Morocco, New Caledonia, Papua New Guinea, Philippines, Turkey, United States of America
High Risk (HR)	Congo, Democratic Republic of the, Mexico, Russia, Zambia, Zimbabwe
Recycled Scrap (R/S)	Australia, Austria, Canada, China, Chinese Taipei, Finland, France, Germany, Hungary, India, Japan, Malaysia, Singapore, South Korea, United States of America

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* Source: RMI Database Export 2025-03-28

Cobalt (Co) Smelter List

No	ID	Smelter Name	Location	RMAP Status
1	CID003209	Gem (Jiangsu) Cobalt Industry Co., Ltd.	China	Conformant
2	CID003210	Lanzhou Jinchuan Advanced Materials Technology Co., Ltd.	China	Conformant
3	CID003211	Zhuhai Kelixin Metal Materials Co., Ltd.	China	Conformant
4	CID003212	Ganzhou Tengyuan Cobalt New Material Co., Ltd.	China	Conformant
5	CID003213	Guangxi Yinyi Advanced Material Co., Ltd.	China	Conformant
6	CID003215	Tianjin Maolian Science & Technology Co., Ltd.	China	Conformant
7	CID003225	Zhejiang Huayou Cobalt Company Limited	China	Conformant
8	CID003226	Umicore Finland Oy	Finland	Conformant
9	CID003228	Umicore Olen	Belgium	Conformant
10	CID003232	Dynatec Madagascar Company	Madagascar	Conformant
11	CID003239	Port Colborne Refinery	Canada	Conformant
12	CID003255	Quzhou Huayou Cobalt New Material Co., Ltd.	China	Conformant
13	CID003261	Kamoto Copper Company	DRC	Conformant
14	CID003264	Chemaf Etoile	DRC	Conformant
15	CID003266	Societe pour le Traitement du Terril de Lubumbashi (STL)	DRC	Conformant
16	CID003275	La Compagnie de Traitement des Rejets de Kingamyambo S.A. (Metalkol S.A.)	DRC	Conformant
17	CID003278	Niihama Nickel Refinery, Sumitomo Metal Mining	Japan	Conformant
18	CID003279	Mine de Bou-Azzer	Morocco	Conformant
19	CID003280	Compagnie de Tifnout Tiranimine	Morocco	Conformant
20	CID003291	Guangdong Jiana Energy Technology Co., Ltd.	China	Conformant
21	CID003293	Jiangsu Xiongfeng Technology Co., Ltd.	China	Conformant
22	CID003301	Mutanda Mining SPRL	DRC	Conformant
23	CID003338	SungEel HiTech Co., Ltd.	Korea, Republic Of	Conformant
24	CID003377	Jiangxi Jiangwu Cobalt industrial Co., Ltd.	China	Conformant
25	CID003378	Jingmen GEM Co., Ltd.	China	Conformant
26	CID003384	Ganzhou Highpower Technology Co., Ltd.	China	Conformant
27	CID003390	NORILSK NICKEL HARJAVALTA OY	Finland	Conformant
28	CID003398	Zhejiang New Era Zhongneng Technology Co., Ltd.	China	Conformant
29	CID003404	Hunan Yacheng New Energy Co., Ltd.	China	Conformant
30	CID003406	Murrin Murrin Nickel Cobalt Plant	Australia	Conformant
31	CID003411	Hunan CNGR New Energy Science & Technology Co., Ltd.	China	Conformant
32	CID003415	Cosmo Chemical, Ltd.	Korea, Republic Of	Conformant
33	CID003429	Tenke Fungurume Mining SA	DRC	Conformant
34	CID003465	Ningbo Hubang New Material Co., Ltd.	China	Conformant
35	CID003472	Jervois Finland OY	Finland	Conformant
36	CID003473	Uranus Chemicals	Taiwan	Conformant
37	CID003526	Zhejiang Greatpower Cobalt Materials Co., Ltd.	China	Conformant
38	CID003534	Mechema Taiwan Plant 2	Taiwan	Conformant
39	CID003577	Harima Refinery, Sumitomo Metal Mining	Japan	Conformant
40	CID003584	Vale - Long Harbour Processing Plant (LHPP)	Canada	Conformant
41	CID003587	Kisanfu Mining (Kimin)	DRC	Conformant
42	CID003610	Guizhou CNGR Resource Recycling Industry Development Co., Ltd.	China	Conformant
43	CID003702	Zhejiang Power New Energy Materials Co., Ltd.	China	Conformant
44	CID003927	Anhui Hanrui New Material Co., Ltd.	China	Conformant
45	CID003974	Fujian Evergreen New Energy Technology Co.	China	Conformant
46	CID004003	Jiangxi Miracle Golden Tiger Cobalt Co. Ltd.	China	Conformant
47	CID004057	Eti Bakir A.S	Turkey	Conformant
48	CID004393	Lianyou Resources Co., Ltd.	Taiwan	Conformant
49	CID004811	CMOC Kisanfu Mining SARL	DRC	Conformant

Mica Operator List

No	ID	Operator Name	Location	RMAP Status
1	CID003512	Yamaguchi Mica	Japan	Conformant
2	CID003970	Yamaguchi Mica Co., Ltd. Toyohashi Factory	Japan	Conformant
3	CID003971	Yamaguchi Mica Co., Ltd. Shinshiro Factory	Japan	Conformant
4	CID003987	Mica Electrical Material (Luhe) Co., Ltd.	China	Active
5	CID004001	DARUKA MINCHEM PVT.LTD	India	Active
6	CID003513	Modi Mica Enterprises	India	Not Certified
7	CID003589	Imerys Canada, Inc.	Canada	Not Certified
8	CID003590	Southeastern Performance Minerals, LLC	USA	Not Certified
9	CID003591	Imerys Mica Kings Mountain, Inc.	USA	Not Certified
10	CID003592	Arctic Minerals, LLC	USA	Not Certified
11	CID003593	VON ROLL BRAZIL LTDA	Brazil	Not Certified
12	CID003599	Pachisia & Co.	India	Not Certified
13	CID003621	DARUKA INTERNATIONAL	India	Not Certified
14	CID003623	G. K. INTERNATIONAL	India	Not Certified
15	CID003624	LAXIM MINERALS CORPORATION	India	Not Certified
16	CID003626	DARUKA MINERALS	India	Not Certified
17	CID003629	SUBLIME MICA EXPORTS	India	Not Certified
18	CID003664	JSC "Sludyanaya Fabrika"	Russia	Not Certified
19	CID003730	Lingshou Huajing Mica Co., Ltd.	China	Not Certified
20	CID003787	Nanjing Jinyun Mica Ltd.	China	Not Certified
21	CID003979	HEBEI LINGSHOU COUNTY ZHONGKE MINERAL POWDER CO., LTD.	China	Not Certified
22	CID003980	Hunan Rongtai New Material Co., Ltd.	China	Not Certified
23	CID003985	Minerals i Derivats, S.A.	Spain	Not Certified
24	CID004067	The Jai Mica Supply Co., PVT Ltd.	India	Not Certified
25	CID003625	SIDDHI EXIMP ENTERPRISES	India	Not Applicable
26	CID003734	Tri-H	Madagascar	Not Applicable

* Source: RMI Database Export 2025-03-28

Lithium (Li) Smelter List

No	ID	Smelter Name	Location	RMAP Status
1	CID003708	SQM Salar S.A.	Chile	-
2	CID003709	Abazhou Gaoyuan Lithium Electric Material Co., Ltd.	China	-
3	CID003710	General Lithium Corporation	China	-
4	CID003711	Guizhou Redstar Development Dalong Manganese Industry Co., Ltd.	China	-
5	CID003712	Guizhou Red Star Electronic Material Co., Ltd.	China	Conformant
6	CID003713	Hunan Wuchuang Recycling Technology Co., Ltd.	China	-
7	CID003714	Jiangxi Ganfeng Lithium Co., Ltd.	China	Conformant
8	CID003715	Ningdu Ganfeng Lithium Co., Ltd.	China	Conformant
9	CID003717	Sichuan Zhiyuan Lithium Industries Co., Ltd	China	-
10	CID003718	Sichuan Guangxing Lithium Battery Technology Co., Ltd.	China	-
11	CID003719	Sichuan Energy Investment Dingsheng Lithium Technology Co., Ltd.	China	-
12	CID003720	Tianqi Lithium (Shehong) Co., Ltd.	China	-
13	CID003744	Pilgan Plant	Australia	-
14	CID003745	POSCO	Korea, Republic Of	-
15	CID003746	Zinnwald Lithium	Germany	-

No	ID	Smelter Name	Location	RMAP Status
16	CID003750	Raleigh Lake	Canada	-
17	CID003752	Sonora Plant	Mexico	-
18	CID003757	Mt Marion Lithium Project	Australia	-
19	CID003758	Wodgina	Australia	-
20	CID003759	Kemerton	Australia	-
21	CID003760	Kwinina	Australia	-
22	CID003816	Mt Cattlin (Galaxy Resources)	Australia	-
23	CID003817	James Bay (Galaxy Resources)	Canada	-
24	CID003819	Lithium Americas (Thacker Pass)	USA	-
25	CID003820	Minera Exar	Argentina	-
26	CID003822	SQM Salar S.A. (De Atacama Plant)	Chile	-
27	CID003824	Albermarle U.S. Inc (King's Mountain)	USA	-
28	CID003826	FMC	-	-
29	CID003827	Canada Lithium	-	-
30	CID003828	Sayona Mining	-	-
31	CID003830	Battery Mineral Resources Limited	-	-
32	CID003889	Sumiko Kunitomi Electronics Co., Ltd.	Japan	-
33	CID003896	Niihama Electronics Co., Ltd.	Japan	-
34	CID003919	Jiangmen Fangyuan Lithium Energy Technology Co., Ltd.	China	-
35	CID003920	Jiangmen Fangyuan Cycle Technology Co., Ltd.	China	-
36	CID003924	Jiangmen Fangyuan New Energy Materials Co., Ltd.	China	-
37	CID003942	Guangdong Fangyuan Environment Co., Ltd.	China	-
38	CID003950	Qinghai Jinaier Lithium Resources Co., Ltd.	China	-
39	CID003954	SQM Salar S.A. (Del Carmen Plant)	Chile	-
40	CID003986	Sichuan Changhong Runtian Energy Technology Co., Ltd.	China	-
41	CID004013	Jingmen GEM Co., Ltd.	China	-
42	CID004014	Jiangxi Nanshi Lithium Power New Materials Co., Ltd.	China	-
43	CID004015	ChiZhou CN New Materials and Technology Co., Ltd.	China	-
44	CID004017	Guizhou Ronbay Lithium Battery Material Co., Ltd.	China	-
45	CID004018	Hubei Ronbay Lithium Battery Material Co., Ltd.	China	-
46	CID004021	Sichuan Siterui Lithium Industry Co., Ltd.	China	-
47	CID004022	Ganzhou Miracle Lithium Industrial Co., Ltd.	China	-
48	CID004023	Hunan Brunp Recycling Technology Co., Ltd.	China	Active
49	CID004038	Yibin Tianyi Lithium Industry Co., Ltd.	China	Conformant
50	CID004063	Longnan Ruihong Technology Co., Ltd.	China	-
51	CID004064	Quannan Ruilong Technology Co., Ltd.	China	-
52	CID004066	Zhejiang New Era Zhongneng Technology Co., Ltd.	China	-
53	CID004400	Compass Minerals Ogden	USA	-
54	CID004439	Jiangxi Ruida New Energy Technology Co., Ltd.	China	Active
55	CID004494	Xinyu	China	-
56	CID004495	Kings Mountain Lithium Plant	USA	-
57	CID004496	Kings Mountain Lithium Mine	USA	-
58	CID004497	Mariana Lake	Argentina	-
59	CID004534	Allkem (Salar de Olaroz)	Argentina	-
60	CID004535	Allkem (Olaroz Phase II)	Argentina	-
61	CID004536	Argosy Minerals	Argentina	-
62	CID004537	Minera Exar (Ganfeng Lithium-Lithium Americas)	Argentina	-

No	ID	Smelter Name	Location	RMAP Status
63	CID004538	Allkem (Sal de Vida)	Argentina	-
64	CID004539	Albemarle (Antofalla)	Argentina	-
65	CID004540	Zijin	Argentina	-
66	CID004541	Ganfeng Lithium Group Co., Ltd.	China	-
67	CID004542	Albemarle (Salar de Atacase)	Chile	-
68	CID004544	Albemarle (La Negra)	Chile	-
69	CID004545	Yacimientos de Litio Bolivianos (YLB)	Bolivia	-
70	CID004547	Talison (Tianqi-Albemarle)	Australia	-
71	CID004548	Mineral Resources	Australia	-
72	CID004549	Allkem (Mt. Cattlin)	Australia	-
73	CID004550	Pilbara Minerals (Pilgangoora-Pilgan)	Australia	-
74	CID004552	MARBL (Albemarle-Mineral Resources)	Australia	-
75	CID004553	Core Lithium	Australia	-
76	CID004554	European Lithium	Austria	-
77	CID004555	Nemaska Lithium	Canada	-
78	CID004558	Yahua Lithium Industry (Ya'an) Co., Ltd.	China	Conformant
79	CID004559	Chengxin Lithium Group	China	-
80	CID004602	Greenbushes Lithium Operation	Australia	-
81	CID004615	Qinzhou Lithium	China	-
82	CID004616	Technology Metals Europe	Spain	-
83	CID004622	Pilbara Minerals (Pilgangoora-Ngungaju)	Australia	-
84	CID004690	Ascend Elements, Inc. (Appex)	USA	-
85	CID004696	Attero Recycling Pvt Ltd	India	-
86	CID004721	Sichuan CATH Co., Ltd	China	Active
87	CID004722	Chengdu Youngy Lithium Technology Co., Ltd	China	-
88	CID004723	Suining Chengxi Lithium Industries Inc.	China	-
89	CID004726	Hunan Yongshan Lithium Co., Ltd.	China	Conformant
90	CID004732	Kanto Denka Kogyo Co., Ltd.	Japan	-
91	CID004733	Morita Chemical Industries (Zhangjiagang) Co., Ltd.	China	-
92	CID004734	Do-Fluoride Chemicals Co., Ltd.	China	-
93	CID004735	Zhejiang Yongtai Technology Co., Ltd.	China	-
94	CID004736	Vulcan Energy Resouces	-	-
95	CID004747	Arcadium Lithium (Fenix)	Argentina	Conformant
96	CID004749	Arcadium Lithium (Bessemer City)	USA	Conformant
97	CID004751	Jiangsu Baozong & Baoda Pharmachem Co. Ltd.	China	Active
98	CID004753	Livent Corporation	USA	-
99	CID005007	Albemarle Sichuan New Material Co. Ltd. (Meishan)	China	-
100	CID005008	Albemarle - Langelshiem Site	Germany	-
101	CID005009	Albemarle - Silver Peak Site	USA	-

Copper (Cu) Smelter List

No	ID	Smelter Name	Location	RMAP Status
1	CID003668	Fujhara Refinery	U.A.E	-
2	CID003722	Katanga Mining	DRC	-
3	CID003742	TSK Pretech	-	-
4	CID003747	Samsun Smelter and Electrolysis Plant	Turkey	-
5	CID003748	Kure Plant	Turkey	-
6	CID003749	Murgul Plant	Turkey	-
7	CID003754	Atlantic Nickel Santa Rita	Brazil	-
8	CID003774	Apex Material Technologies	USA	-
9	CID003777	SOCIETE MINIERE DE DEZIWA SAS	DRC	-
10	CID003790	MJM Sarlu	DRC	-
11	CID003792	Mufulira - Mopani Copper Mines	DRC	-
12	CID003793	MKM	DRC	-
13	CID003794	KCC	DRC	-
14	CID003795	Tenke Fungurume Mining SA	DRC	Conformant
15	CID003796	CDM	DRC	-
16	CID003797	Somika	DRC	-
17	CID003805	Societe pour le Traitement du Terril de Lubumbashi (STL)	DRC	Conformant
18	CID003812	Young Poong Seokpo Smelter	Korea, Republic Of	-
19	CID003829	Minera Escondida Limitada	Chile	-
20	CID003872	Kisanfu Mining (Kimin)	DRC	Conformant
21	CID003873	La Miniere de KalUnited Kingdomundi (LAMIKAL)	DRC	-
22	CID003876	Besshi Copper Mine	Japan	-
23	CID003877	Hishikari Mine	Japan	-
24	CID003878	Toyo Smelter & Refinery, Sumitomo Metal Mining	Japan	Conformant
25	CID003881	Niihama Refinery	Japan	-
26	CID003887	Mitsui Sumitomo Metal Mining Brass & Copper Co., Ltd.	Japan	-
27	CID003898	Jinlong Copper Co., Ltd.	China	-
28	CID003900	Northparkes Mine	Australia	-
29	CID003901	Ojos del Salado Copper Mine	Chile	-
30	CID003902	Candelaria Mine	Chile	-
31	CID003903	Sierra Gorda Mine	Chile	-
32	CID003908	Da Fei Mining SARL	DRC	-
33	CID003909	Dragon International Mining (DIM) SARL	DRC	-
34	CID003910	Jinshan Africa Mines SPRL	DRC	-
35	CID003916	Ganzhou Hanrui New Energy Technology Co., Ltd.	China	-
36	CID003918	Hanrui Metal (Congo) Co., Ltd. - Ore Processing	DRC	-
37	CID003921	Jiangmen Fangyuan Cycle Technology Co., Ltd.	China	-
38	CID003931	MCC Non Ferrous Trading Inc.	USA	-
39	CID003941	Guangdong Fangyuan Environment Co., Ltd.	China	-
40	CID003948	La Compagnie de Traitement des Rejets de Kingamyambo S.A. (Metalkol S.A.)	DRC	Conformant
41	CID003982	Africo Resources/Rubicon Minerals	DRC	-
42	CID003992	Compagnie Miniere de Musonoie Global SAS	DRC	-
43	CID003995	JX Nippon Mining & Metals Co., Ltd.	Japan	-
44	CID003996	JX Nippon Mining & Metals Co., Ltd. Hitachi	Japan	-
45	CID004009	Copper Plant Polar Division of MMC Norilsk Nickel	Russia	-
46	CID004019	Nadezhda Metallurgical Plant of MMC Norilsk Nickel's Polar Division	Russia	-

No	ID	Smelter Name	Location	RMAP Status
47	CID004035	Concentration Plant, GRK Bystrinskoye	Russia	-
48	CID004058	Eti Bakir A.S	Turkey	Conformant
49	CID004069	Coro Mining Corp.	Argentina	-
50	CID004070	Mt Cuthbert & Mt Watson Project	Australia	-
51	CID004071	Olympic Dam	Australia	-
52	CID004072	Port Kembla	Australia	-
53	CID004073	Port Pirie	Australia	-
54	CID004074	Mutanda Mining SPRL	DRC	Conformant
55	CID004075	Townsville	Australia	-
56	CID004076	Whim Creek	Australia	-
57	CID004077	White Range Project	Austria	-
58	CID004078	Metallo (Aurubis)	Belgium	-
59	CID004080	Aurubis Olen nv	Belgium	-
60	CID004081	Corocoro	Bolivia	-
61	CID004082	118 Project	Brazil	-
62	CID004083	Caraiba Metais S.A. (Paranapanema S.A.)	Brazil	-
63	CID004084	Vale UHC	Brazil	-
64	CID004085	Aurubis Bulgaria	Bulgaria	-
65	CID004086	Granite Creek Copper	Canada	-
66	CID004087	CCR Refinery - Glencore Canada Corporation	Canada	-
67	CID004088	The Metals Company	Canada	-
68	CID004089	Gibraltar	Canada	-
69	CID004090	Glencore Kidd Creek	Canada	-
70	CID004091	Vale Inco Ltd.	Canada	-
71	CID004092	CEMIN	Chile	-
72	CID004093	Andacollo	Chile	-
73	CID004094	Antucoya	Chile	-
74	CID004095	Berta	Chile	-
75	CID004096	Caserones	Chile	-
76	CID004097	Cerro Colorado	Chile	-
77	CID004098	Cerro Dominador	Chile	-
78	CID004099	Cerro Negro	Chile	-
79	CID004100	Chañaral Bay	Chile	-
80	CID004101	Chuquicamata Refinery	Chile	-
81	CID004103	Collahuasi	Chile	-
82	CID004104	Diego de Almagro	Chile	-
83	CID004105	Dos Amigos	Chile	-
84	CID004106	El Abra	Chile	-
85	CID004107	El Espino	Chile	-
86	CID004108	El Soldado	Chile	-
87	CID004109	El Teniente	Chile	-
88	CID004111	El Tesoro / Encuentro Oxides	Chile	-
89	CID004112	Escondida	Chile	-
90	CID004113	Filo del Sol	Chile	-
91	CID004114	Franke	Chile	-

No	ID	Smelter Name	Location	RMAP Status
92	CID004115	Gabriela Mistral (Gaby)	Chile	-
93	CID004116	Ivan/Zar	Chile	-
94	CID004117	La Cascada (Sagasca)	Chile	-
95	CID004118	Las Ventanas	Chile	-
96	CID004119	Lomas Bayas	Chile	-
97	CID004120	Los Bronces	Chile	-
98	CID004121	Mantos Blancos	Chile	-
99	CID004122	Mantos de la Luna	Chile	-
100	CID004123	Mantoverde	Chile	-
101	CID004124	Marimaca	Chile	-
102	CID004125	Michilla	Chile	-
103	CID004126	Puquios	Chile	-
104	CID004127	Quebrada Blanca	Chile	-
105	CID004128	Radomiro Tomic	Chile	-
106	CID004129	Salamanqueja	Chile	-
107	CID004130	Salvador (Potrerillos)	Chile	-
108	CID004131	Salvador	Chile	-
109	CID004132	San Jose (Socavon)	Chile	-
110	CID004134	Sierra Miranda	Chile	-
111	CID004136	Taltal Oxidos	Chile	-
112	CID004137	Tovaku	Chile	-
113	CID004138	Tres Valles	Chile	-
114	CID004139	Various Small mines	Chile	-
115	CID004140	Zaldivar	Chile	-
116	CID004141	Baiyin	China	-
117	CID004142	Changzhou Copper	China	-
118	CID004144	Chinalco Southeast Copper	China	-
119	CID004146	Tianjin Datong Copper Industry Co., Ltd.	China	-
120	CID004147	Daye Non-Ferrous Metals Mining Ltd.	China	-
121	CID004148	Fuchunjiang	China	-
122	CID004152	Hongsheng Copper	China	-
123	CID004153	Huludao	China	-
124	CID004154	Humon	China	-
125	CID004155	Hunchun	China	-
126	CID004156	Jinchang (Tongling II)	China	-
127	CID004157	Jinchuan	China	-
128	CID004158	Jinchuan (Fangchenggang refinery)	China	-
129	CID004159	Jintong	China	-
130	CID004161	Jinguan	China	-
131	CID004162	Jiangxi Copper Qingyuan	China	-
132	CID004163	Jintian	China	-
133	CID004164	Keta Metal	China	-
134	CID004165	Lihua	China	-
135	CID004166	Meizhou Jinyan	China	-
136	CID004167	Nanguo Copper	China	-
137	CID004168	Qinghai copper	China	-
138	CID004169	Ruichang Copper	China	-

No	ID	Smelter Name	Location	RMAP Status
139	CID004170	Sanmenxia	China	-
140	CID004171	Shandong Fangyuan	China	-
141	CID004172	Shandong Jinsheng	China	-
142	CID004173	Shandong Luxiang	China	-
143	CID004174	Shuikoushan	China	-
144	CID004175	Taichang	China	-
145	CID004178	WunUnited Kingdometushan	China	-
146	CID004179	Wuxin Copper	China	-
147	CID004180	Xiangguang copper	China	-
148	CID004181	Yantai Penghui Copper Industry Co., Ltd.	China	-
149	CID004182	Yantai Guoxing	China	-
150	CID004183	Yubei Copper Fabricating	China	-
151	CID004184	Yuguang	China	-
152	CID004185	Yulong	China	-
153	CID004186	Yunnan Copper	China	-
154	CID004187	Yunan Tin	China	-
155	CID004188	Zhangjiagang	China	-
156	CID004189	Zhongtiaoshan (Houma)	China	-
157	CID004190	Zhongtiaoshan (Yuanqu)	China	-
158	CID004192	Zijinshan	China	-
159	CID004193	Deziwa & Ecaille C	DRC	-
160	CID004194	Dikuluwe & Mashamba Ouest	DRC	-
161	CID004195	Etoile	DRC	-
162	CID004196	Huachin	DRC	-
163	CID004197	Kakanda Proejct	DRC	-
164	CID004198	Kambove	DRC	-
165	CID004199	Kamboya (COMIKA)	DRC	-
166	CID004201	MMG Kinsevere SARL	DRC	Active
167	CID004202	Kipoi	DRC	-
168	CID004203	Kolwezi Copper Mine	DRC	-
169	CID004204	Kolwezi Tailings	DRC	-
170	CID004205	KOV	DRC	-
171	CID004206	LUILU RESSOURCES SAS	DRC	Active
172	CID004207	Luita	DRC	-
173	CID004208	Mabende	DRC	-
174	CID004209	Musonoï	DRC	-
175	CID004211	Pumpi	DRC	-
176	CID004213	Shituru Refinery	DRC	-
177	CID004215	Hellenic Copper Mines	Cyprus	-
178	CID004216	General Metals Co. (GEMET)	Egypt	-
179	CID004217	Red Sea Copper	Egypt	-
180	CID004218	Kokkola	Finland	-
181	CID004219	Pori	Finland	-
182	CID004220	Aurubis Hamburg AG	Germany	-
183	CID004221	Aurubis Huettenwerke Kayser	Germany	-
184	CID004222	KME Germany GmbH	Germany	-
185	CID004223	Adani Entreprises	India	-

No	ID	Smelter Name	Location	RMAP Status
186	CID004224	Hindalco Industries Ltd - Unit Birla Copper	India	-
187	CID004225	Ghatsila	India	-
188	CID004226	Jhagadia (Gujarat)	India	-
189	CID004227	Khetri Refinery	India	-
190	CID004228	Vedanta Limited-Sterlite Copper	India	Active
191	CID004229	Antam	Indonesia	-
192	CID004230	BKM	Indonesia	-
193	CID004232	Gresik	Indonesia	-
194	CID004233	Maros	Indonesia	-
195	CID004234	Medco	Indonesia	-
196	CID004235	Wetar	Indonesia	-
197	CID004236	Babak	Iran	-
198	CID004237	Chah MoUSA	Iran	-
199	CID004238	Khatoon Abad	Iran	-
200	CID004239	MidUnited Kingdom	Iran	-
201	CID004240	Sarchesmeh	Iran	-
202	CID004241	Sungun	Iran	-
203	CID004242	AHMSA Steel Israel Ltd	Israel	-
204	CID004243	KME Group	Italy	-
205	CID004244	VCO Copper SpA	Italy	-
206	CID004245	Hitachi	Japan	-
207	CID004246	Kosaka	Japan	-
208	CID004247	Naoshima	Japan	-
209	CID004248	Onahama	Japan	-
210	CID004249	Saganoseki Smelter & Refinery	Japan	-
211	CID004250	Tamano	Japan	-
212	CID004252	Kaz Minerals Aktogay	Kazakhstan	-
213	CID004253	Kaz Minerals Balkash	Kazakhstan	-
214	CID004254	KazCopper LLP	Kazakhstan	-
215	CID004255	Karchiga	Kazakhstan	-
216	CID004256	Kounrad Mine Refinery	Kazakhstan	-
217	CID004257	Kazzin	Kazakhstan	-
218	CID004258	Cuprum Holding	Kazakhstan	-
219	CID004259	Korea, Republic Of Zinc Co., Ltd.	Korea, Republic Of	-
220	CID004262	Chifeng Jilong Gold Mining Co Ltd	Laos	-
221	CID004263	Solway Industries Ltd	North Macedonia	-
222	CID004264	Sardich MC (Copin Group)	North Macedonia	-
223	CID004265	Boleo	Mexico	-
224	CID004266	Buenavista del Cobre (former Cananea)	Mexico	-
225	CID004267	El Arco	Mexico	-
226	CID004268	El Pilar	Mexico	-
227	CID004269	Empalme	Mexico	-
228	CID004270	La Balsa	Mexico	-
229	CID004271	La Caridad	Mexico	-
230	CID004272	Luz del Cobre	Mexico	-
231	CID004273	Milpillas	Mexico	-
232	CID004274	Minera Maria	Mexico	-

No	ID	Smelter Name	Location	RMAP Status
233	CID004275	Piedras Verdes	Mexico	-
234	CID004276	San Javier (Cerro Verde area)	Mexico	-
235	CID004277	Terrazas (Cerro Verde area)	Mexico	-
236	CID004278	Achit Ikht Co.	Mongolia	-
237	CID004279	Erdenet Mining Corporation	Mongolia	-
238	CID004280	Mongolyn Alt (MAK)	Mongolia	-
239	CID004281	Mongolia Refinery	Mongolia	-
240	CID004282	Monywa Lepataung Copper Mine	Myanmar	-
241	CID004283	Monywa Sabetaung and Kyisintaung	Myanmar	-
242	CID004284	Deep-South Resources Inc.	Namibia	-
243	CID004285	Weatherly Mining Namibia	Namibia	-
244	CID004286	Nampo Refinery	North Korea	-
245	CID004287	Tanchon (Hungnam)	North Korea	-
246	CID004288	Glencore Nikkelverk Refinery	Norway	-
247	CID004289	Oman Mining Co., LLC	Oman	-
248	CID004290	Antilla	Peru	-
249	CID004293	Chapi	Peru	-
250	CID004294	Coroccohuayco	Peru	-
251	CID004295	Ilo Copper Refinery	Peru	-
252	CID004296	La Granja	Peru	-
253	CID004297	La Oroya Refinery	Peru	-
254	CID004298	Los Chancas	Peru	-
255	CID004299	Lunahuana	Peru	-
256	CID004300	Mina Justa	Peru	-
257	CID004301	Tia Maria	Peru	-
258	CID004302	Tintaya	Peru	-
259	CID004303	Toquepala	Peru	-
260	CID004304	Isabel/ Leyte (PASAR)	Philippines	-
261	CID004305	King King	Philippines	-
262	CID004308	Legnica	Poland	-
263	CID004309	Gumeshevskoye	Russia	-
264	CID004310	Kola Refinery	Russia	-
265	CID004311	Kyshtym Copper-Electrolytic Plant	Russia	-
266	CID004312	Monchegorsk	Russia	-
267	CID004313	Murmansk	Russia	-
268	CID004315	Novgorod	Russia	-
269	CID004316	Pyshma Refinery	Russia	-
270	CID004317	Yuzhuralnikel	Russia	-
271	CID004318	Udokan	Russia	-
272	CID004319	Ras Al-Khair	Saudi Arabia	-
273	CID004320	RTB Bor	Serbia	-
274	CID004322	Western Platinum	South Africa	-
275	CID004323	Metal Sales Co. Pty	South Africa	-
276	CID004324	Palabora Mining Co.	South Africa	-
277	CID004325	Anglo American Platinum Corp.	South Africa	-
278	CID004326	La Farga	Spain	-
279	CID004327	Atlantic Copper S.A.	Spain	-

No	ID	Smelter Name	Location	RMAP Status
280	CID004328	First Quantum Minerals Ltd	Spain	-
281	CID004330	Puthap	Thailand	-
282	CID004331	ER Bakir Elektrolitik	Turkey	-
283	CID004332	Sarkuysan Electrolytic Copper Ltd.	Turkey	-
284	CID004333	HES Hacilar Elektrik Sanayi ve Ticaret A.S.	Turkey	-
285	CID004334	Elektrosan A.S.	Turkey	-
286	CID004336	Artemov	Ukraine	-
287	CID004337	Pancomm	Ukraine	-
288	CID004338	Amarillo	USA	-
289	CID004339	Bagdad	USA	-
290	CID004340	Carlota	USA	-
291	CID004341	Chino (Santa Rita)	USA	-
292	CID004342	Chloride Copper Mine (Emerald Isle)	USA	-
293	CID004344	El Paso (refinery)	USA	-
294	CID004345	Empire Mine	USA	-
295	CID004346	Florence	USA	-
296	CID004347	Garfield	USA	-
297	CID004348	Gunnison	USA	-
298	CID004349	Idaho Cobalt Project	USA	-
299	CID004350	Indiana	USA	-
300	CID004351	Johnson Camp	USA	-
301	CID004352	Lisbon Valley	USA	-
302	CID004353	Miami (SX-EW)	USA	-
303	CID004354	Milford	USA	-
304	CID004355	Mineral Park	USA	-
305	CID004356	Morenci	USA	-
306	CID004357	New Haven Refinery	USA	-
307	CID004358	Phoenix (SX-EW)	USA	-
308	CID004359	Pinto Valley	USA	-
309	CID004360	Ray	USA	-
310	CID004361	Reading	USA	-
311	CID004362	Safford & Lone Star	USA	-
312	CID004363	Sierrita	USA	-
313	CID004364	Silver Bell	USA	-
314	CID004365	Tohono (Casa Grande)	USA	-
315	CID004366	Twin Metals Minnesota	USA	-
316	CID004367	Tyrone Leach	USA	-
317	CID004368	Van Dyke	USA	-
318	CID004369	White Pine (refinery)	USA	-
319	CID004370	Zonia	USA	-
320	CID004371	Almalyk Mining and Metallurgical Complex (AMMC)	Uzbekistan	-
321	CID004372	Vietnam National Coal and Mineral Industries Group (Vinacomin)	Vietnam	-
322	CID004373	Bwana Mkubwa	Zambia	-
323	CID004374	Chambishi	Zambia	-
324	CID004375	Chingola Refractory Ore	Zambia	-
325	CID004376	Ichimpe	Zambia	-
326	CID004377	Kakoso	Zambia	-

No	ID	Smelter Name	Location	RMAP Status
327	CID004378	Kangaluwi-Chisawa	Zambia	-
328	CID004379	Kansanshi	Zambia	-
329	CID004380	Kitumba	Zambia	-
330	CID004381	Mashiba	Zambia	-
331	CID004382	Mimbula	Zambia	-
332	CID004383	Mufulira & Nkana	Zambia	-
333	CID004384	Mufulira Refinery	Zambia	-
334	CID004385	Muliashi	Zambia	-
335	CID004386	Nchanga TLP	Zambia	-
336	CID004387	NKANA COPPER REFINERY - Nkana (Kitwe)	Zambia	Conformant
337	CID004388	Nkana Slag Dumps / Chambishi Cobalt Plant	Zambia	-
338	CID004389	Sable Zinc Kabwe Ltd.	Zambia	-
339	CID004390	Rio Tinto Mining (Zimbabwe) Ltd.	Zimbabwe	-
340	CID004394	Kamoto Copper Company	DRC	Conformant
341	CID004427	Vale - Long Harbour Processing Plant (LHPP)	Canada	-
342	CID004428	Vale Copper Cliff Nickel Refinery	Canada	-
343	CID004429	Mount Isa Mines Limited - Copper Refineries Pty Ltd (Glencore)	Australia	-
344	CID004442	Boliden Harjavalta Oy	Finland	-
345	CID004458	Kennecott Utah Copper LLC (Rio Tinto Kennecott or RTK)	USA	-
346	CID004459	Oyu Tolgoi LLC	Mongolia	-
347	CID004460	Sociedad Minera Cerro Verde S.A.A.	Peru	-
348	CID004461	Sociedad Contractual Minera El Abra	Chile	-
349	CID004462	KGHM Polska Miedz S.A. Oddzial Huta Miedzi, Glogow	Poland	-
350	CID004463	KGHM Polska Miedz S.A. Oddzial Huta Miedzi, Legnica	Poland	-
351	CID004464	Minera Spence S.A.	Chile	-
352	CID004465	Minera Centinela	Chile	-
353	CID004466	Compania Minera Zaldivar SpA	Chile	-
354	CID004467	Compania Minera Condestable S.A (CMC)	Peru	-
355	CID004468	Aurubis AG, Luenen	Germany	-
356	CID004469	Highland Valley Copper Partnership	Canada	-
357	CID004470	Anglo American (Chagres)	Chile	-
358	CID004471	Minera Los Pelambres	Chile	-
359	CID004472	Metalurgica de Cobre S.A. de C.V. (Unidad Planta Metalurgica)	Mexico	-
360	CID004473	Boliden Ronnskar	Sweden	-
361	CID004474	PT Freeport Indonesia (PT-FI) Grasberg	Indonesia	-
362	CID004475	Essex FurUnited Kingdomawa Magnet Wire USA LLC, Fort Wayne Plant	USA	-
363	CID004476	Essex FurUnited Kingdomawa Magnet Wire USA LLC, Franklin Plant	USA	-
364	CID004477	Essex FurUnited Kingdomawa Magnet Wire USA LLC, Columbia City Plant	USA	-
365	CID004478	Grupo Essex FurUnited Kingdomawa de Mexico, S. de R.L. de C.V.: Torreón, Coahuila, Mexico (Torreón)	Mexico	-
366	CID004479	Southwire Company, LLC (Carrollton Rod Mill)	USA	-
367	CID004480	Southwire Company, LLC (Denton)	USA	-
368	CID004481	KGHM Polska Miedz S.A. Oddzial Huta Miedzi "Cedynia"	Poland	-
369	CID004482	Nexans LENS Plant	France	-
370	CID004483	KME Italy SpA	Italy	-
371	CID004485	KME Mansfeld GmbH	Germany	-
372	CID004486	Nexans Montreal-East Plant	Canada	-

No	ID	Smelter Name	Location	RMAP Status
373	CID004487	Codelco Division Andina	Chile	-
374	CID004488	Southwire Company, LLC (Lafayette)	USA	-
375	CID004489	Southwire Company, LLC (Bremen)	USA	-
376	CID004490	Codelco Division Ministro Hales	Chile	-
377	CID004601	KIK Mining SASU	DRC	-
378	CID004607	Impala Refineries - Base Metals Refinery (BMR)	South Africa	Conformant
379	CID004613	Impala Rustenburg	South Africa	Conformant
380	CID004687	Excellen Minerals SARL	DRC	Active
381	CID004689	Ascend Elements, Inc. (Appex)	USA	-
382	CID004729	LS MnM Inc.	Korea, Republic Of	-
383	CID004746	SOCIETE MINIERE DU KATANGA (Lupoto Plant)	DRC	Conformant
384	CID004812	CMOC KISANFU MINING S.A.R.L.	DRC	Conformant
385	CID005015	Ruashi Mining SAS	DRC	-
386	CID005066	Lao Cai Copper Smelter	Vietnam	-
387	CID005174	QuickCircuit Ltd	New Zealand	-
388	CID005176	Zijin Copper Co., Ltd.	China	-

Nickel (Ni) Smelter List

No	ID	Smelter Name	Location	RMAP status
1	CID003703	Eramet SLN	New Caledonia	-
2	CID003707	Angel Nickel	Indonesia	-
3	CID003753	Atlantic Nickel Santa Rita	Brazil	-
4	CID003771	JIANGMEN UMICORE CHANG XIN NEW MATERIALS CO., LTD,	China	-
5	CID003775	Apex Material Technologies	USA	-
6	CID003791	Ramu Nickel Mine	DRC	-
7	CID003799	Ege Kimya	Turkey	-
8	CID003882	Harima Refinery, Sumitomo Metal Mining	Japan	Conformant
9	CID003883	Isoura Plant	Japan	-
10	CID003886	Hyuga Smelting Co., Ltd.	Japan	-
11	CID003897	Sumiko Energy Materials Co., Ltd.	Japan	-
12	CID003923	Jiangmen Fangyuan Cycle Technology Co., Ltd.	China	-
13	CID003925	Jiangmen Fangyuan New Energy Materials Co., Ltd.	China	-
14	CID003928	Murrin Murrin Nickel Cobalt Plant	Australia	Conformant
15	CID003943	Guangdong Fangyuan New Materials Group Co., Ltd.	China	-
16	CID003947	Baotou Jielang Nickel Salt Co., Ltd.	China	-
17	CID003953	Yibin Guangyuan Lithium Battery Material Co., Ltd.	China	-
18	CID003957	Cronimet Specialty Metals	USA	-
19	CID003958	Joint-Stock Company Kola Mining and Metallurgical Company (JSC Kola MMC)	Russia	-
20	CID003968	Dynatec Madagascar Company	Madagascar	Conformant
21	CID003975	Hunan Brunp Recycling Technology Co., Ltd.	China	Active
22	CID003976	Jinchuan Group Co., Ltd.	China	-
23	CID004004	PT HUAYUE NICKEL COBALT	Indonesia	Conformant
24	CID004005	PT Smelter Nickel Indonesia	Indonesia	-
25	CID004006	PT Cahaya Modern Metal Industri	Indonesia	-
26	CID004007	PT Aneka Tambang Tbk (Antam)	Indonesia	-

No	ID	Smelter Name	Location	RMAP Status
27	CID004008	NORILSK NICKEL HARJAVALTA OY	Finland	Conformant
28	CID004012	Nadezhda Metallurgical Plant of MMC Norilsk Nickel's Polar Division	Russia	-
29	CID004024	Zhejiang Power New Energy Materials Co., Ltd.	China	-
30	CID004055	Niihama Nickel Refinery, Sumitomo Metal Mining	Japan	Conformant
31	CID004395	Guangxi Yinyi Advanced Material Co., Ltd.	China	Conformant
32	CID004398	Jiangxi Miracle Golden Tiger Cobalt Co. Ltd.	China	Conformant
33	CID004432	Guizhou Red Star Electronic Material Co., Ltd.	China	Conformant
34	CID004444	Nickel West - Kwinana	Australia	-
35	CID004445	Ravensthorpe Nickel Operation (RNO)	Australia	-
36	CID004446	First Quantum Minerals Ltd.	Australia	-
37	CID004447	Broken Hill Proprietary Billiton Ltd. (BHP)	Australia	-
38	CID004448	Mcc Ramu Nickel & Cobalt Co., Ltd.	Papua New Guinea	-
39	CID004449	Fort Saskatchewan Metals Facility	Canada	-
40	CID004450	Chizhou CN New Materials and Technology Co., Ltd.	China	-
41	CID004451	Shanxi Jutai New Material Technology Co., Ltd.	China	-
42	CID004452	Xiangtan Electrochemical Scientific Ltd.	China	-
43	CID004453	PT Halmahera Persada Lygend	Indonesia	Conformant
44	CID004454	PT Indonesia Guang Ching Nickel Stainless Steel Industry	Indonesia	-
45	CID004493	Ecopro Materials Co., Ltd.	Korea, Republic Of	Active
46	CID004500	Boliden Harjavalta Oy	Finland	-
47	CID004507	Hunan CNGR New Energy Science & Technology Co., Ltd.	China	-
48	CID004509	CoreMax Corporation	Taiwan	-
49	CID004510	Zhejiang Huayou Cobalt Company Limited	China	-
50	CID004512	Jingmen GEM Co., Ltd. (GEMCO)	China	-
51	CID004513	Korea, Republic Of Energy Materials Corp (KEMCO)	Korea, Republic Of	-
52	CID004514	Mechema	Taiwan	-
53	CID004516	Petro China	China	-
54	CID004517	Shangrao Zhiyuan	China	-
55	CID004520	Spring Refinery	South Africa	-
56	CID004521	Umicore Belgium	Belgium	-
57	CID004522	Zenith Chemicals	Taiwan	-
58	CID004525	Ganzhou Tengyuan Cobalt New Material Co., Ltd.	China	-
59	CID004526	Guangdong Jiana Energy Technology Co., Ltd.	China	-
60	CID004528	Lanzhou Jinchuan Advanced Materials Technology Co., Ltd.	China	-
61	CID004530	Tianjin Maolian Science & Technology Co., Ltd.	China	-
62	CID004531	Xinxiang Jien New Energy Materials Co., Ltd.	China	-
63	CID004532	PT Zhongtsing New Energy	Indonesia	Conformant
64	CID004562	Hongqiling Plant / Jien Nickel smelter	China	-
65	CID004563	Jinzhou Plant	China	-
66	CID004564	Ningbo Changjiang Energy Technology Co., Ltd.	China	-
67	CID004565	Jiangxi Rui Feng Environmental Protection Co., Ltd.	China	-
68	CID004566	Jiangxi Ruida New Energy Technology Co., Ltd.	China	Active
69	CID004567	Henan Kelong New Energy Co., Ltd.	China	-
70	CID004568	Zhejiang New Times Zhongneng Cycle Technology Co., Ltd.	China	-
71	CID004569	Qidong Beixin Inorganic Chemical Co., Ltd.	China	-
72	CID004570	Guangdong Jinsheng New Energy Co., Ltd.	China	-

No	ID	Smelter Name	Location	RMAP Status
73	CID004571	Talvivaara	Finland	-
74	CID004575	Coral Bay Nickel Corporation (CBNC)	Philippines	-
75	CID004576	Thakadu Nickel Sulphate Plant	South Africa	-
76	CID004577	Marikana, Rustenburg	South Africa	-
77	CID004578	Bindura Smelter and Refinery	Zimbabwe	-
78	CID004579	PT QMB New Energy Materials	Indonesia	Conformant
79	CID004581	PT LPH 2	Indonesia	-
80	CID004606	Impala Refineries - Base Metals Refinery (BMR)	South Africa	Conformant
81	CID004612	Impala Rustenburg	South Africa	Conformant
82	CID004618	IconiChem	United Kingdom	Active
83	CID004693	PT DEBONAIR NICKEL INDONESIA	Indonesia	Conformant
84	CID004698	Attero Recycling Pvt Ltd	India	-
85	CID004703	Ascend Elements, Inc. (Appex)	USA	-
86	CID004708	Jiangmen Chancsun Umicore Industry Co.,Ltd	China	Active
87	CID004728	Guangxi CNGR New Energy Science & Technology Co., Ltd.	China	Conformant
88	CID004757	Nickel Industries Limited	Australia	-
89	CID004758	Hengjaya Nickel	Indonesia	-
90	CID004759	Ranger Nickel	Indonesia	-
91	CID004761	Oracle Nickel	Indonesia	-
92	CID004762	Hengjaya Mine	Indonesia	-
93	CID004801	Prony Resources New Caledonia	New Caledonia	-
94	CID004803	PT Trimegah Bangun (TBP)	Indonesia	-
95	CID004804	PT Gane Permai Sentosa (GPS)	Indonesia	-
96	CID004821	Taganito HPAL Nickel Corporation (THPAL)	Philippines	-
97	CID005057	PT Bumi Mineral Sulawesi	Indonesia	-
98	CID005061	Guizhou CNGR Resource Recycling Industry Development Co., Ltd.	China	Active
99	CID005065	PT Cngr Ding Xing New Energy	Indonesia	-

Aluminum (Al) Smelter List

No	ID	Smelter Name	Location	RMAP Status
1	CID003669	Fujhara Refinery	U.A.E	-
2	CID003684	Shanghai Zhiye Industry Co., Ltd.	China	-
3	CID003904	Capral Aluminum (Penrith)	Australia	-
4	CID003905	Capral Aluminum (Smithfield)	Australia	-
5	CID004627	Ahresty Corporation (Kumagaya plant)	-	-
6	CID004628	Allied Metal Co	-	-
7	CID004629	Aluminerie Alouette Inc.	-	-
8	CID004630	Aluminio La Estrella, S.L.U.	-	-
9	CID004631	Aluminum Bahrain BSC (c)	-	-
10	CID004632	Aluminum DUNKERQUE	-	-
11	CID004633	Alusigma S.A.	-	-
12	CID004634	Alvance British Aluminum Ltd. (Lochaber)	-	-
13	CID004635	Audubon Metals LLC	-	-
14	CID004636	Befesa Aluminio, S.L. (Erando)	-	-
15	CID004637	Befesa Aluminio, S.L. (Les Franqueses)	-	-
16	CID004638	Bermco Aluminum	-	-
17	CID004639	Century Aluminum Company (Grundartangi)	-	-
18	CID004640	Charng Chyi Aluminum Co., Ltd.	-	-
19	CID004641	Coleshill Aluminum Ltd	-	-
20	CID004642	Companhia Brasileira de Aluminio	-	-
21	CID004643	Custom Alloy Light Metals, Inc.	-	-
22	CID004644	FECS Partecipazioni S.r.l	-	-
23	CID004645	Intals S.p.A.	-	-
24	CID004646	JBM International Ltd	-	-
25	CID004647	KuUSAKOSKI Oy	-	-
26	CID004648	Mil-Ver Metal Co Ltd	-	-
27	CID004649	Mytilineos S.A. (Aluminum Of Greece Plant)	-	-
28	CID004650	Oetinger Aluminum NU GmbH	-	-
29	CID004651	Owl's Head Alloys Inc	-	-
30	CID004652	P.T. H.P. Metals Indonesia	-	-
31	CID004653	Permtsvetmet JSC	-	-
32	CID004654	PT Indonesia Asahan Aluminum (Persero)	-	-
33	CID004655	Real Alloy LLC (REAL ALLOY (GERMANY) GBMH)	-	-
34	CID004656	Real Alloy LLC (REAL ALLOY MEXICO S. DE R.L. DE C.V.)	-	-
35	CID004657	Real Alloy LLC (REAL ALLOY CANADA LTD.)	-	-
36	CID004658	Real Alloy LLC (REAL ALLOY SPECIFICATION, LLC)	-	-
37	CID004659	Refinal Industries SA	-	-
38	CID004660	Refineria De Aluminio S.L	-	-
39	CID004661	S.C. Alro S.A.	-	-
40	CID004662	S.C. Alro S.A. (ALRO SMELTER)	-	-
41	CID004663	Sacal Societa Alluminio Carisio S.p.A.	-	-
42	CID004664	SEAL & Co., Ltd	-	-
43	CID004665	Sigma Brothers Inc.	-	-
44	CID004666	Spectro Alloys Corp.	-	-
45	CID004667	Spectro Alloys Corp. (STENA ALUMINUM AB)	-	-
46	CID004668	Spectro Alloys Corp. (STATE METAL INDUSTRIES INC.)	-	-

No	ID	Smelter Name	Location	RMAP Status
47	CID004669	Sun Metal Industries Ltd	-	-
48	CID004670	TST Inc. (Timco)	-	-
49	CID004671	United Company RUSAL Plc (NOVOKUZNETSK ALUMINUM SMELTER)	-	-
50	CID004672	United Company RUSAL Plc (JSC BOGUCHANY ALUMINUM SMELTER)	-	-
51	CID004673	United Company RUSAL Plc (SAYANOGORSK ALUMINUM SMELTER)	-	-
52	CID004674	United Company RUSAL Plc (BRATSK ALUMINUM SMELTER (SHELEKHOV))	-	-
53	CID004675	United Company RUSAL Plc (BRATSK ALUMINUM SMELTER)	-	-
54	CID004676	United Company RUSAL Plc (KRASNOYARSK ALUMINUM SMELTER)	-	-
55	CID004677	United Company RUSAL Plc (KANDALAKSHA ALUMINUM SMELTER)	-	-
56	CID004678	United Company RUSAL Plc (Volgograd Aluminum Smelter)	-	-
57	CID004679	United Company RUSAL Plc	-	-
58	CID004680	Ye Chiu Metal Smelting Sdn. Bhd. (YE CHIU METAL RECYCLING (CHINA) LTD.)	-	-
59	CID004699	Attero Recycling Pvt Ltd	India	-
60	CID004815	Hindalco Industries Ltd - Aditya Aluminum Smelter	India	-
61	CID004816	Hindalco Industries Ltd - Mahan Smelter	India	-
62	CID004817	Hindalco Industries Ltd - RenUnited Kingdomoot Complex Smelter	India	-
63	CID004818	Hindalco Industries Ltd - Hirakud Smelter	India	-
64	CID004820	VinFast Trading and Production Joint Stock Company	Vietnam	-
65	CID004822	Green Posture, Lda	Portugal	-
66	CID005023	Wu Xi Fortune Technology Co.Ltd	China	-

Silver (Ag) Smelter List

No	ID	Smelter Name	Location	RMAP Status
1	CID003810	Hindustan Platinum Pvt. Ltd.	India	-
2	CID003814	Young Poong Seokpo Smelter	Korea, Republic Of	-
3	CID003880	Toyo Smelter & Refinery	Japan	-
4	CID003893	Ohkuchi Electronics Co., Ltd.	Japan	-
5	CID003999	JX Nippon Mining & Metals Co., Ltd.	Japan	-
6	CID004020	Empresa Minera Manquiri S.A.	Bolivia	Conformant
7	CID004586	Boliden Ronnskar	Sweden	-
8	CID004605	Impala Refineries - Base Metals Refinery (BMR)	South Africa	Conformant
9	CID004611	Impala Rustenburg	South Africa	Conformant
10	CID004700	Attero Recycling Pvt Ltd	India	-
11	CID004730	LS MnM Inc.	Korea, Republic Of	-
12	CID004809	SAAMP	France	-
13	CID005183	Impala Platinum - Platinum Metals Refinery (PMR)	South Africa	-

Chromium(Cr) Smelter List

No	ID	Smelter Name	Location	RMAP status
1	CID003848	Outokumpu Tornio Ferrochrome Operations	Finland	-
2	CID003849	Outokumpu Kemi Mine	Finland	-
3	CID003850	Outokumpu Avesta Operations	Sweden	-
4	CID003851	Outokumpu Dahlebrück Operations and Sales	Germany	-
5	CID003852	Outokumpu Mexinox S.A. de C.V.	Mexico	-
6	CID003853	Outokumpu Dillenburg Operations and Sales	Germany	-
7	CID003854	Outokumpu Krefeld Operations and Sales	Germany	-
8	CID003855	Outokumpu Storfors Operations	Sweden	-
9	CID003856	Outokumpu Degerfors Operations	Sweden	-
10	CID003857	Outokumpu Degerfors Operations for Long products	Sweden	-
11	CID003858	Outokumpu Nyby Operations	Sweden	-
12	CID003859	Outokumpu Press Plate AB	Sweden	-
13	CID003860	Outokumpu Stainless B.V.	Netherlands	-
14	CID003861	Outokumpu Stainless Ltd.	United Kingdom	-
15	CID003862	Outokumpu Stainless USA, LLC	USA	-
16	CID003863	Outokumpu Stainless Bar, LCC	USA	-
17	CID003864	Outokumpu	Finland	-

Zinc(Zn) Smelter List

No	ID	Smelter Name	Location	RMAP status
1	CID003800	Ege Kimya	Turkey	
2	CID003806	Societe pour le Traitement du Terril de Lubumbashi (STL)	DRC	Conformant
3	CID003811	Young Poong Seokpo Smelter	Korea, Republic Of	
4	CID003884	Shisaka Smelting Co., Ltd.	Japan	
5	CID003930	MCC Non Ferrous Trading Inc.	USA	
6	CID004059	Eti Bakir A.S	Turkey	Conformant
7	CID004501	Boliden Kokkola	Finland	
8	CID004502	Boliden Odda	Norway	
9	CID005173	Cameron ply	USA	

* Source: RMI Database Export 2025-03-28

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