



MAIN CONCERNS RAISED IN ALLEGATIONS REGARDING COPPER, COBALT, LITHIUM, MANGANESE, NICKEL, AND ZINC MINING **Environmental impacts** Access to water Health impacts Indigenous peoples' rights Tax avoidance Labour rights Deaths Free, prior & informed consent Beatings & violence, intimidation & threats Land rights Corruption Access to information Livelihood impacts Rape & sexual abuse NOTE: One allegation may be linked to multiple issues

Cobalt

USE IN LOW-CARBON TECHNOLOGY

Cobalt is used in energy storage technologies, such as batteries required for electric vehicles.





TOP 5 COMPANIES HUMAN RIGHTS POLICY ICMM* MEMBER /P** MEMBER Policy or commitment in place COUNTRIES OF COBALT OPERATIONS ALLEGATIONS RELATED HQ LOCATION COMPANY TO COBALT (NUMBER) China Molybdenum China DRC 0 0 DRC Gécamines DRC 0 Glencore Switzerland DRC, Australia, Canada Norilsk Nickel Russia South Africa, Russia \cap 0 (Nornickel) Vale Brazil Canada, New Caledonia 0

*ICMM: International Council on Mining & Metals **VP: Voluntary Principles on Security & Human Rights

NOTE: Some companies that don't have allegations specifically related to their cobalt mining operations, have other human rights allegations recorded on the Resource Centre's database. The high number of allegations and companies with human rights policies raises concerns about a disconnect between policies and practice on the ground.

Copper

USE IN LOW-CARBON TECHNOLOGY

Copper is used in wind, solar panels and in electric vehicles.





TOP 5 COMPANIES

Policy or commitment in place			HUMAN RIGHTS POLICY ICMM* MEMBER	MBER	
COMPANY	HQ LOCATION	COUNTRIES OF COPPER OPERATIONS	HUMAN RIGHTS POLICY ICMM* MEMBER	VP** MEMBER	ALLEGATIONS RELATED TO COPPER (NUMBER)
BHP Billiton	Australia	Australia, Chile, Peru	• •		8
Codelco	Chile	Chile, Ecuador	0	0	8
Freeport-McMoRan	USA	Chile, Indonesia, Peru, USA	• •		6
Glencore	Switzerland	Australia, Chile, DRC, Peru, Zambia	• •		32
Grupo Mexico	Mexico	Mexico, Peru	• 0	0	5 🛑

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NOTE: Copper mining had the most allegations recorded of all minerals. The high occurrence of allegations raises concerns about a disconnect between policies and practice on the ground.

Lithium

USE IN LOW-CARBON TECHNOLOGY

Lithium is used in energy storage technologies, including electric vehicle batteries.





TOP 5 COMPANIES



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NOTE: All of the top 5 companies operate in the lithium triangle between Chile, Argentina and Bolivia.

All human rights allegations were related to this region.

Manganese

USE IN LOW-CARBON TECHNOLOGY

Manganese is used in wind turbines and energy storage technologies.





TOP 5 COMPANIES HUMAN RIGHTS POLICY ICMM* MEMBER VP** MEMBER Policy or commitment in place COUNTRIES OF ALLEGATIONS RELATED COMPANY HQ LOCATION MANGANESE OPERATIONS TO MANGANESE (NUMBER) South Africa South Africa 0 0 Assmang 0 Consolidated UK Australia, Ghana 0 0 Minerals **ERAMET** France Gabon 0 3 South32 Australia Australia, South Africa 0 Vale Brazil Brazil

Nickel

USE IN LOW-CARBON TECHNOLOGY

Nickel is used in wind turbines, solar panels and in electric vehicles.





TOP 5 COMPANIES

Policy or commitment in place			RIGHTS	CMM* MEMBER	MBER	
COMPANY	HQ LOCATION	COUNTRIES OF NICKEL OPERATIONS	HUMAN RIGHTS POLICY	ICMM* N	VP** MEMBER	ALLEGATIONS RELATED TO NICKEL (NUMBER)
Anglo American	UK	Brazil				0
BHP Billiton	Australia	Australia				0
Glencore	Switzerland	Australia, Canada, New Caledonia	•	•	•	1 -
Norilsk Nickel (Nornickel)	Russia	Russia, South Africa		0	0	4
Vale	Brazil	Brazil, Canada, Indonesia, New Caledonia		•		9

^{*}ICMM: International Council on Mining & Metals **

NOTE: Some companies that don't have allegations specifically related to their nickel mining operations, have other human rights allegations recorded on the Resource Centre's database

Zinc

USE IN LOW-CARBON TECHNOLOGY

Zinc is used in wind turbines and solar panels.





TOP 5 COMPANIES

Policy or commitment in place			HUMAN RIGHTS POLICY	CMM* MEMBE	VP** MEMBER	
COMPANY	HQ LOCATION	COUNTRIES OF ZINC OPERATIONS	HUMAN	ICMM*	VP** MI	ALLEGATIONS RELATED TO ZINC (NUMBER)
China Minmetals Corporation	China	Australia, China	0	0	0	1 •
Glencore	Switzerland	Argentina, Australia, Canada, Bolivia, Kazakhstan, Peru		•	•	15
Sumitomo Corporation	Japan	Bolivia		0	0	1 •
Teck Resources	Canada	Peru, USA	•	•	0	7
Vedanta Resources	UK	India, Namibia, South Africa	•	0	0	3 🕳

^{*}ICMM: International Council on Mining & Metals **VP: V

NOTE: The high occurrence of allegations raises concerns about a disconnect between policies and practice on the ground.

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