

Extractives and Development Newsletter



Information on current topics and trends in the extractives sector
A service of GIZ project Extractives and Development

Dear readers,



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Welcome to the English issue of our extractives newsletter!

Every month, the Extractives and Development Sector Programme sends you a selection of articles and links that may be of interest to you. We would like to inform you about key developments in the sector and draw your attention to new findings. If you find additional topics interesting or have event information for us, please do not hesitate to let us know so that we can include them in our newsletter!

Kind regards,

Your Extractives and Development Sector Programme

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DID YOU KNOW...?



IFC and Partners: New Roadmap from Outlines Net-Zero Pathways for Mining Green Tech Metals



© International Finance Corporation

The International Finance Corporation (IFC) launched the Net-Zero Roadmap for Copper and Nickel Mining Value Chains, a new solutions guide aimed at decarbonizing the mining of critical minerals. The Net-Zero Roadmap for Copper and Nickel Mining was prepared by IFC as part of the World Bank Group's Climate Smart Mining Initiative, and delivered by the Carbon Trust, RMI, The Payne Institute for Public Policy at the Colorado School of Mines, and Columbia Center on Sustainable Investment.

Copper and nickel are key components of green energy technologies needed to combat climate change, including solar panels, batteries, and wind turbines. According to the roadmap, the world will need to increase copper and nickel production by 200–300 percent to reach global climate targets by 2050. But emissions from copper and mineral production processes are expected to double by 2050 unless a decarbonization transformation takes place. Decarbonization of the mineral sector will be important to ensure that end-users and consumers are able to meet their own Scope 3 net-zero targets.

[Read the roadmap](#)

Deep-sea mining would impact ecosystems beyond those in targeted areas – report

An international team of researchers has published a study in the journal *Ecology and Evolution* showing that the destruction of key hydrothermal vents by deep-sea mining could have knock-on impacts on vent fields hundreds of kilometres away.

[Find out more](#)

[Read the full study](#)



Driving Force: Report on Automotive Supply Chains and Forced Labour in the Uyghur Region

If you have bought a car in the last five years, some of its parts were likely made by Uyghurs and others forced to work in China. The Chinese government has deliberately shifted raw materials mining and processing and auto parts manufacturing into the Xinjiang Uyghur Autonomous Region, essentially making international supply chains captive to repressive programs and systematic forced labour.

In a six-month investigation undertaken by Laura T. Murphy, Kendyl Salcito, Yalkun Uluyol, Mia Rabkin, and a team of anonymous researchers, analysis of publicly available documents revealed massive and expanding links between western car brands and Uyghur abuses, in everything from the hood decals and car frames to engine casings, interiors and electronics.

[Find out more](#)



NRGI article: One Year of War in Ukraine: The View from Resource-Rich Developing Countries

Russia's invasion of Ukraine has uniquely affected developing countries rich in oil, gas and minerals. Translating resource wealth into economic and energy pathways that benefit all citizens has been a longstanding challenge in such countries. A year of mixed messages, market turbulence and persistent vested interests have added further complexity. Policymakers in resource-rich countries - and their international partners - have three opportunities to advance economic and environmental sustainability.

[Continue reading](#)

Study on responsible procurement in the IT industry

In the study "Raw materials in the focus of IT procurement", WEED (World Economy, Ecology & Development) examines the extent to which actors from the electronics sector are procuring raw materials responsibly. From its findings WEED made suggestions for further public procurement. The study is aimed at procurement managers and is intended to create incentives to integrate social and ecological criteria more strongly in the procurement of IT products.

[Read the study \(available in German\)](#)



BMZ launches Feminist Development Policy

Development Minister Svenja Schulze has presented her strategy for a feminist development policy. The aim is to guarantee women the same rights and access to resources as men, and to work towards ensuring that women are equally represented and involved in political and economic decision-making processes.

By 2025, more than 90 percent of the newly committed project funds of the Federal Ministry of Economic Cooperation and Development (BMZ) are to flow into projects that advance gender equality. Minister Schulze

briefed the Federal Cabinet on the strategy today - together with Foreign Minister Annalena Baerbock, who provided information on her guidelines for a feminist foreign policy. Feminist foreign policy and development policy complement each other in their goal of equal participation of all people.



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[Find out more](#)

Gender assessment of employment and skills in the large-scale mining sector of Argentina

This study establishes a baseline profile of women employed in the mining industry and its supply chain. It analyses the gaps, progress and challenges of female participation in the large-scale mining labour market in Argentina, which is a key country in lithium production and with significant reserves. The document also includes recommendations for both public and private actors, to advance towards equal opportunities in the mining sector.

The publication is part of the global project "**Women and the Mine of the Future**", launched by the Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development, in collaboration with the International Labor Organization, the United Nations Development Program and International Women In Mining.



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Análisis de género en el empleo y competencias en el sector minero a gran escala en Argentina

Implementado por

giz Technische Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

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[Read the report \(available in Spanish\)](#)

Changing the narrative around women in mining

Women make up just 12 % of the South African mining industry, which puts the industry behind others in the country. The participation of women in business is empirically shown as positively influencing a company's bottom line and contributing to enhanced sustainability. Critical for mining companies, gender-inclusive workplaces are also shown to be safer. Why then do South African mining companies still struggle to change their gender profile?

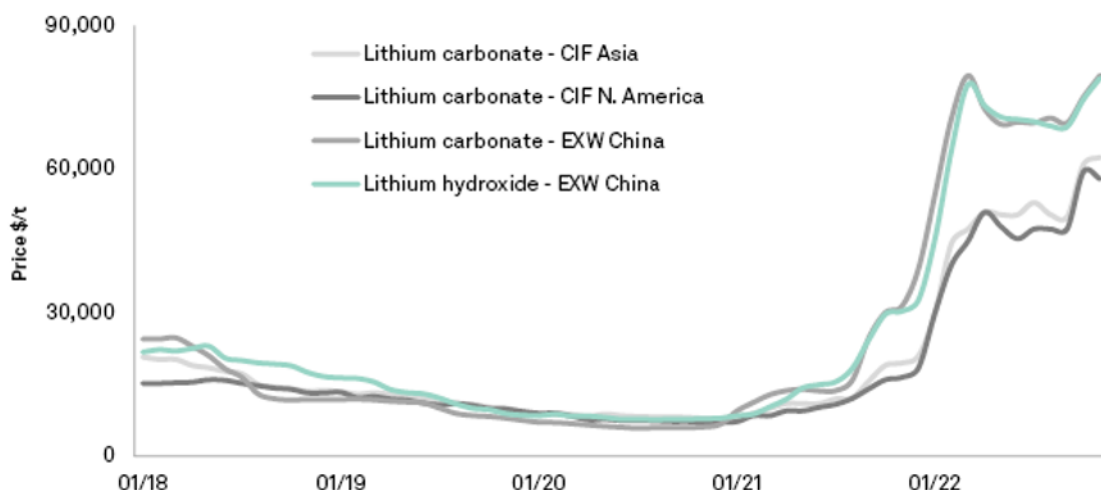
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S&P Global Research: Lithium supply race – delayed hope in 2024

China's battery-grade lithium carbonate ex-works price remained strong in 2022 after more than quadrupling in 2021 and rising more than 1,200% from its lowest level in July 2020. Strong demand from the electric vehicle market and slower-than-expected project commissioning have pushed lithium prices to record highs. S&P Global Commodity Insights expects a 2026 lithium carbonate CIF Asia price of \$42,093 per tonne, which will incentivize lithium miners to move forward with new projects to meet the demand forecast to grow at a 22.4% compound annual growth rate over 2022-26. We have identified 16 projects that have set first shipment targets in 2023-24, comprising 10 hard rock and six brine, making up nine concentrate and seven chemical operations. These 16 assets will bring 567,941 tonnes of lithium carbonate equivalent, or LCE, capacity online by the end of 2024.

China battery grade lithium carbonate price remains strong after \$70,000/t rise in February 2022



Data as of Jan. 4, 2023.
CIF = cost insurance and freight; EXW = ex works.
Source: Benchmark Mineral Intelligence.
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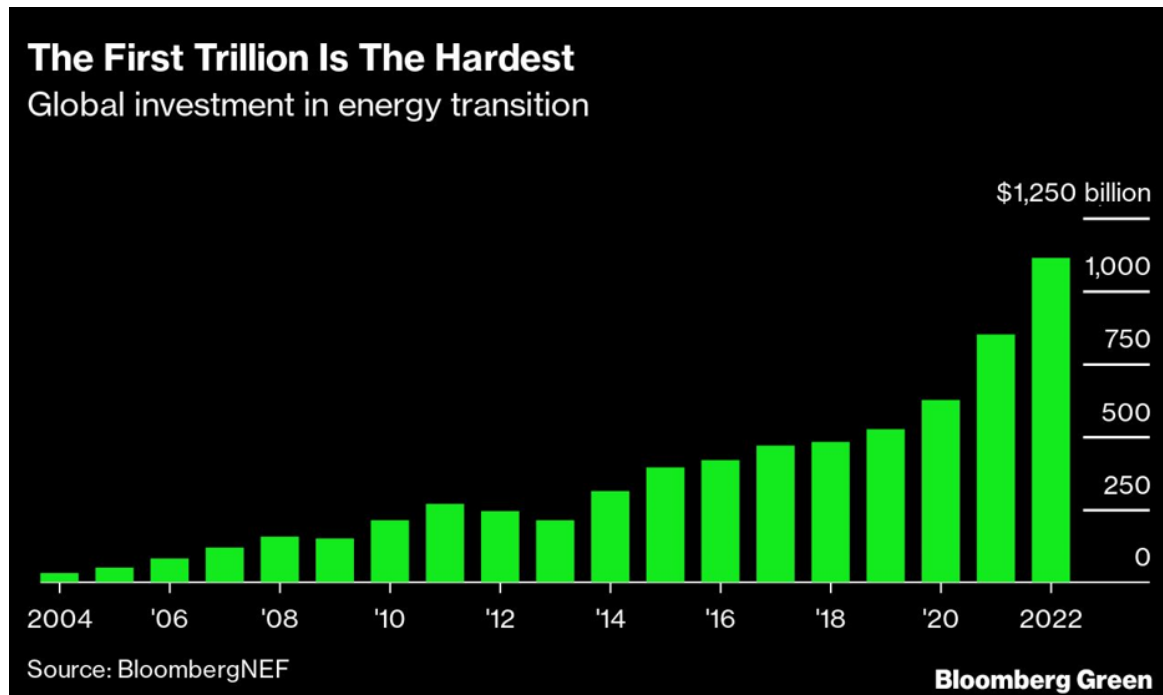
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[Read more](#)

Annual clean energy investment reached \$1.1 trillion

Last year was a double milestone for decarbonizing the world's energy system. It was the first year when investment in the energy transition equaled global investment in fossil fuels, according to the latest data release from clean energy research group BloombergNEF.

The money flowing into the upstream, midstream and downstream segments of oil and gas, and into fossil fuel-fired power generation without emissions reduction technology, was \$1.1 trillion last year. Likewise, annual investment in renewable energy, electrified transport and heat, energy storage and other technologies reached \$1.1 trillion.



© BloombergNEF

[Read more](#)



Past Events

Investing in African Mining Indaba

Investing in African Mining Indaba took place between February 6 and 9 in Cape Town, South Africa. Mining Indaba brought together investors, mining companies, governments as well as other important actors of the sector. The Sector Project “Extractives and Development” at the Federal Institute for Geosciences and Natural Resources (BGR) together with the Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development (IGF) organized a side event at the Africa Mining Indaba trade fair on the topic of local value creation within the global energy transition.

[Read more about the side event](#)

Alternative Mining Indaba

Alongside the “Investing in African Mining Indaba” in Cape Town, the “Alternative Mining Indaba” took place from February 7 to 9., focusing on a just energy transition to unlock community potential

and participation. The event aimed at creating a better understanding of the opportunities and challenges associated with a global just energy transition through meaningful and engaging dialogue, critique, analysis, and capacity building sessions. The event converges voices from mining, oil, and gas communities, centering on people's lived realities.

[Find out more](#)



Upcoming Events

55th EITI Board Meeting in Buenos Aires

01.-02.03.2023, in person

The 55th Board Meeting of the Extractive Industries Transparency Initiative (EITI) will be held in Buenos Aires, Argentina, on March 1 and 2. The EITI Board is the EITI's main decision-making body. It decides on priorities for the organisation and evaluates countries' progress in meeting the EITI Standard. Registrations are by invitation.

PDAC in Toronto

05.-08.03.2023, in person

The World's Premier Mineral Exploration & Mining Convention by the Prospectors & Developers Association of Canada (PDAC) is a leading event for people, companies and organizations connected to mineral exploration. This annual convention in Toronto, Canada, is known for attracting up to 30,000 attendees from over 130+ countries for its educational programming, networking events, outstanding business opportunities and fun.

[Find out more](#)

PDAC Side Event: "Gender Impact Assessments: Breaking the pattern of inaction"

05.03.2023 9:30 a.m. to 12:30 a.m. (GMT-5), in person

Impact assessments are key to effectively anticipating and managing the effects of mining. Despite the available resources and tools to support implementation, the gender dimensions of impact assessments remain scarcely assessed. The Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development (IGF) and Global Affairs Canada (GAC) are hosting an event to explore how government, civil society, industry, and practitioners can take action to support gender impact assessments. The location of the event is the Metro Toronto Convention Centre, Reception Hall 104 C.

This is a free event, registration is required. Register [here](#) for the PDAC Side Event (in person).

SDSN: Climate Change Impacts on Mining Webinar

23.03.2023 6:00 p.m. to 7:00 p.m. (CET), online

The webinar of the Sustainable Development Solutions Network (SDSN) of the UN will present and discuss climate projections and solutions to adapt to future scenarios, and how addressing risks early can maintain competitiveness on March 23. Mining operations and regions are already experiencing climatic changes, including periods of more intense rainfall, droughts, heat stress, and sea level rise. To discuss these issues speakers from the University of São Paulo and the Columbia Center for Sustainable Investment will be available to share insights and debate different perspectives.

[Register here](#)

Safe Summit 2023 in Washington D.C.

28.-29.03.2023, in person

The SAFE Summit convenes government officials, business leaders, and other international stakeholders to address the challenges to achieving secure and reliable supply chains in the transportation and energy sectors. Discussions will focus on next steps to seize the historic moment provided by significant new resources and authorities enacted through the Inflation Reduction Act and the Infrastructure Investment and Jobs Act in the US. The goal is to advance practical solutions to achieve transportation electrification goals. The summit aims to create the space for dialogue, but also for actionable next steps.

[Find out more](#)

BMZ High Level Forum on Responsible Mineral Supply Chains

31.05.-01.06.2023

Representatives of various stakeholder groups will discuss responsible mineral supply chains and possible solutions at a high-level forum organised by the German Federal Ministry for Economic Cooperation and Development (BMZ) in Berlin on June 1. A side event day organised by the Sector Programme "Extractives and Development" will review the issue on a working level with several partner organisations on May 31.



Did you know...?

... that Cobalt used to be a beer additive? In the quest for a perfect beer head, breweries in the mid-20th century began adding cobalt sulfate to beer to stabilise the foam. This practice conveniently mitigated the impacts of a poorly rinsed glass (the leftover detergent caused foam dissipation). However, a study conducted in 1965 in Nebraska and Quebec detected unusually high levels of cardiomyopathy in beer drinkers. Further research confirmed that heavy beer drinkers at breweries using this practice were in fact overdosing on cobalt, and at risk of heart failure. The use of cobalt in beer was thankfully discontinued after this discovery – and one can only assume that beer glasses are rinsed properly these days!

Source



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