

Top 10 Mining Exploration Trends 2023 by Mining World Congress in London, UK

Mining World Congress 2023 in London UK Europe, is the one of world's leading mining industry conferences 2023.

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[\(https://miningconferences.org/\)](https://miningconferences.org/) in London, UK today released a list of Top 10 Mining [Exploration Trends](#) list below:



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MWC 2023

1. Sustainability and ESG will remain at the forefront Sustainability and environmental, social, and governance (ESG) factors will continue to be top priorities for mining exploration in 2022. The industry is under increasing pressure to reduce its carbon footprint, minimize water usage, and ensure responsible labor practices. Investors

are also demanding more transparent reporting on ESG issues from mining companies. (Source: Deloitte, "Tracking the Trends 2022")

2. Use of advanced technology

Mining companies are increasingly using advanced technology to improve exploration efficiency and reduce costs. This includes the use of drones, artificial intelligence, and machine learning to analyze data and identify mineral deposits. (Source: Mining Technology, "Mining Technology

Trends to Watch in 2022")

3. Exploration in greenfield areas

As the demand for metals and minerals continues to grow, mining companies are looking to explore new greenfield areas. These are areas where there has been little or no previous exploration, and they offer the potential for new discoveries.

(Source: Mining Journal, "Greenfield exploration gains traction")



4. Exploration in deep sea mining

The search for minerals in the deep sea is gaining momentum, with several companies investing in this area. Deep sea mining has the potential to provide access to untapped mineral resources, but it also raises concerns about the environmental impact. (Source: Forbes, "Deep-Sea Mining: An Overview of New Mineral Developments")

5. Focus on battery metals

As the demand for electric vehicles and renewable energy sources grows, there is a renewed focus on battery metals such as lithium, cobalt, and nickel. Mining companies are investing in exploration to identify new sources of these metals. (Source: Mining.com, "10 Mining Trends to Watch in 2022")

6. Increased collaboration between mining companies

Mining companies are increasingly collaborating to share resources and expertise. This allows them to reduce costs and improve efficiency in exploration. (Source: Mining Review Africa, "Mining trends to watch in 2022: Collaboration between companies")

7. More emphasis on community engagement

Mining companies are recognising the importance of community engagement in exploration projects. They are investing in programs to build relationships with local communities and to ensure that they benefit from mining activities. (Source: Mining Technology, "Mining Technology Trends to Watch in 2022")

8. Use of 3D printing

3D printing is becoming increasingly popular in the mining industry. It allows companies to create models of mineral deposits and other structures, which can be used for exploration and planning purposes. (Source: Mining Technology, "Mining Technology Trends to Watch in 2022")

9. Exploration in space mining

The exploration of space for minerals is still in its early stages, but several companies are

investing in this area. Space mining has the potential to provide access to rare and valuable minerals, but it also raises significant technical and ethical challenges. (Source: Mining Technology, "Mining Technology Trends to Watch in 2022")

10. Increased focus on health and safety

Mining companies are placing a greater emphasis on health and safety in exploration projects. This includes investing in training programs and equipment to reduce the risk of accidents and injuries. (Source: Mining Review Africa, "Mining trends to watch in 2022: Health and safety")

Sources:

Deloitte, "Tracking the Trends 2022": <https://www2.deloitte.com/ge/en/pages/energy-and-resources/articles/tracking-the-trends-mining-industry.html>

Mining Technology, "Mining Technology Trends to Watch in 2022": <https://www.mining-technology.com/features/mining-technology-trends-to-watch-in-2022>

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