Are miners equipped to create a groundbreaking future?

Explore the key challenges miners are set to face over the next 3-5 years, according to more than 500 mining decision makers.

01 Cost is king

Miners face consistent commercial challenges:

The rising cost of consumables affect mining site operations significantly, according to **1/3** of decision makers

21%
say addressing shareholder demand to increase profits AND maintain low operating costs will be a top priority

19% of decision makers are concerned about supply chain disruptions and production shortages

02 Sustainability is a growing priority

Miners face pressure from society and legislators to reduce their environmental impact:

26% Societal demands to reduce CO_2 emissions are the top sustainability priority for 26% of miners

Reducing contamination of water and soil form the #2 and #3 priorities, with 1/4 of miners seeing these as top issues

1/5 of miners feel pressured to decarbonise across their value chain and adjacent industries

03 Digitalisation of mining is accelerating

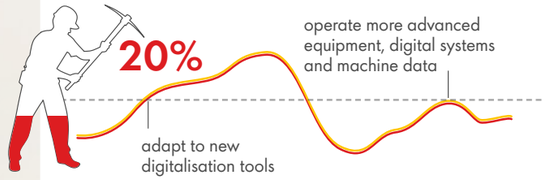
78% of mines are working to train their workforce on digitalisation and sustainability practices

75% are investing in digital tools to drive operational efficiency, or plan to do so in the next two years

1/4 see the arrival of more advanced and autonomous mining equipment as their top digitalisation priority

04 The mining skills gap is widening

20% of decision makers expressed concern about their workforce lacking the skills or qualifications to:



To overcome these challenges, miners will need support from expert and trusted partners. Collaboration will be essential for miners to bring in new skills and make the most of new technologies as they work to become more productive and more sustainable.

Read our new whitepaper, Breaking New Ground: Shaping a Successful Future for Mining, to find out how they can achieve this.

However, few mining companies feel well equipped to address these challenges:

75% are NOT confident in their ability to resolve a labour shortage for site operations

7/10 are NOT ready for the emergence of more advanced mining technology and equipment

Fewer than **1/3** feel well equipped to handle pressure from legislators to reduce the impact of CO_2

Only **1/4** of mines are set up to tackle the rising cost of consumables

All statistics are based on a survey to 561 decision makers in the mining industry across 7 markets in July 2022.
The survey was commissioned by **Shell Lubricants Solutions** and conducted by research firm Edelman Intelligence.