Driving forces
With increasing regulatory and stakeholder pressure, mining companies must solve key environmental and social issues inherent to their industry. Environmental issues center on land use, mineral waste, tailing and water management. These issues have the potential to expand beyond the confines of the mine, severely impacting natural ecosystems, biodiversity, and relations with local communities, potentially resulting in social conflicts that can jeopardize operating licenses. These risks can result in high remediation costs and operational stoppages. Mining companies must also focus on the safety of their workers and communities. Proactive stakeholder engagement and grievance mechanisms are prerequisites. These long-term challenges are accentuated by an increasing demand for resources set against a backdrop of more complicated resource extraction, declining ore grades and the growing volume of waste rock and process tailings. Regional water scarcity and higher water use are increasing the potential for water conflicts with other users.

Highlighted criteria & dimension weights
- Environmental Dimension: 32%
  - Biodiversity
  - Climate Strategy
  - Mineral Waste Management
  - Operational Eco-Efficiency
- Social Dimension: 35%
  - Occupational Health and Safety
  - Social Impacts on Communities
- Governance & Economic Dimension: 33%
  - Codes of Business Conduct
  - Corporate Governance
  - Risk & Crisis Management

Industry Awards 2022
- S&P Global Gold Class
  - Newmont Corporation, United States: 83
  - Teck Resources Limited, Canada: 81
- S&P Global Silver Class
  - Gold Fields Limited, South Africa: 81
  - Anglo American plc, United Kingdom: 78
- S&P Global Bronze Class
  - Hindustan Zinc Limited, India: 76
  - Rio Tinto Group, United Kingdom: 76
  - Polymetal International plc, Russia: 75

Sustainability Yearbook Members
- Barrick Gold Corporation, Canada: 73
- Kinross Gold Corporation, Canada: 71
- Antofagasta plc, United Kingdom: 71
- AngloGold Ashanti Limited, South Africa: 69
- Freeport-McMoRan Inc., United States: 69
- Anglo American Platinum Limited, South Africa: 68
- Dundee Precious Metals Inc., Canada: 65
- IGO Limited, Australia: 63
- Vedanta Limited, India: 62
- Grupo México, S.A.B. de C.V., Mexico: 61
- Southern Copper Corporation, United States: 61
- Impala Platinum Holdings Limited*, South Africa: 61

* S&P Global Industry Mover

Industry Statistics
- Number of companies assessed: 154
- Market capitalization of assessed companies (in USD billion): 1,505.5
- Number of companies in Yearbook: 19
- Market capitalization of companies in Yearbook (in USD billion): 566

The Sustainability Yearbook 2022