



Metals & Mining

Driving forces

The mining industry's environmental issues center on land use, mineral waste management, energy, noise, dust and water use. Workforce challenges include labor terms and conditions as well as health & safety. All of these issues have the potential to expand and escalate outside the confines of the mine site impacting relations with local communities and stakeholders. As a result, mining companies have been required to improve their environmental performance, their social interaction (which includes establishing adequate consultation processes and grievance mechanisms), and their control over exposure to human rights risks. Companies who are able to comply will benefit from maintaining operations at existing mines as well as from demonstrating a positive track record that supports development of new mining opportunities. Broader trends like deeper extraction, declining ore grades, increasing waste rock, and process tailings volumes are tending to increase the scale of these challenges going forward. Moreover, regional water scarcity and increasing water use in processing, raises the potential for conflict with other water users.

Highlighted criteria

- Economic Dimension**
 - Codes of Business Conduct
 - Corporate Governance
 - Payment Transparency
- Environmental Dimension**
 - Climate Strategy
 - Mineral Waste Management
 - Operational Eco-Efficiency
 - Water Related Risks
- Social Dimension**
 - Occupational Health and Safety
 - Social Impacts on Communities

Sustainability leaders 2018

●	RobecoSAM Gold Class	
	Newmont Mining Corp	United States
●	RobecoSAM Silver Class	
	Barrick Gold Corp	Canada
	Teck Resources Ltd	Canada
●	RobecoSAM Bronze Class	
	Anglo American PLC	United Kingdom
	Gold Fields Ltd	South Africa
	Sustainability Yearbook Members	
	AngloGold Ashanti Ltd	South Africa
	Hindustan Zinc Ltd	India
	Hudbay Minerals Inc	Canada
	Kinross Gold Corp*	Canada
	Outotec OYJ	Finland
	Rio Tinto PLC	United Kingdom

* RobecoSAM Industry Mover

Industry statistics

Number of companies in universe	74
Number of companies assessed by RobecoSAM in 2017	67
Assessed companies to total companies in universe (%)	91
Market capitalization of assessed companies to total market capitalization (%)	85

Results at industry level

Dimension	Average score	Best score	Dimension weight
Economic	52	84	33%
Environmental	43	85	32%
Social	49	89	35%

Total score

