



Aluminum

Driving forces

Primary production continues to have a significant environmental impact as aluminum companies operate in highly competitive conditions subject to periodic overcapacity. Aluminum products can contribute to energy savings in their usage phase, although typically the industry has to operate in a cascade recycling chain due to increasing material impurities. Nevertheless, substantial opportunities exist for sourcing aluminum with a smaller environmental footprint. Managing energy efficiency is critically important given the significant energy costs in aluminum production and the potential for climate regulation to reshape those costs in the future. Responsible management of non-greenhouse-gas air emissions, waste management, and water discharge are also important for maintaining a license to operate with both environmental regulators and local communities. Consequently, climate strategies, forward-looking energy purchasing and control of environmental impacts remain high priorities. As in other heavy manufacturing and resource environments, workforce and contractor safety is critical.

Highlighted criteria & Dimension weight

- Economic Dimension 34%
 - Codes of Business Conduct
 - Corporate Governance
 - Supply Chain Management
- Environmental Dimension 33%
 - Operational Eco-Efficiency
 - Climate Strategy
 - Water Related Risks
- Social Dimension 33%
 - Occupational Health and Safety
 - Social Impacts on Communities
 - Talent Attraction & Retention

Sustainability leaders 2019

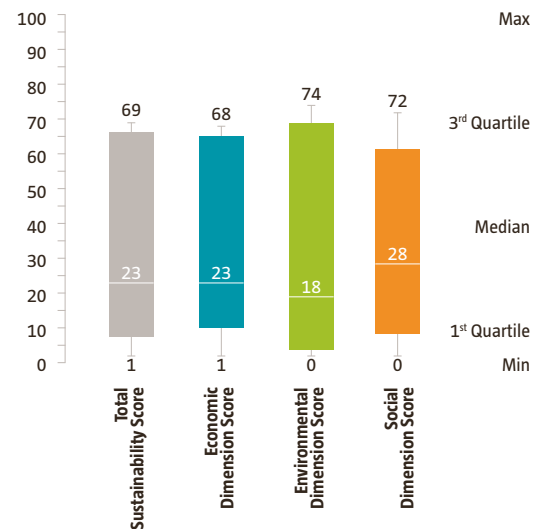
SAM Gold Class		●
Norsk Hydro ASA	Norway	
SAM Bronze Class		●
Alcoa Corp *	United States	

* SAM Industry Mover

Industry statistics

Number of companies in universe	6
Number of companies assessed in 2018	6
Assessed companies to total companies in universe	100%
Market of assessed companies to total market	100%

Results at industry level



The box-and-whisker plot describes the distribution of scores in the industry, based on all assessed companies. More information is available in the Reading Instructions in the introduction.